



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 1 Date: 12/21/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost)	Cum To Date (Cost)	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 3.4
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	1.00	\$0	\$0	\$1,702,000	\$1,702,000
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
PRO DRILLING, 1					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
	0.0		0.08	1	12/21/2012

Last Casing String

Status at 6 AM (SAFTEY MEETING) DRILLING AHEAD	24 Hour Forecast SPUD WELL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HOLD SAFTEY MEETING WITH PRO
06:30	12:30	6.00	MOB	ACTIVE	WORK WITH DEVON LOCATION BUILDERS TO REMOVE SOFT SPOT AROUND CELLAR AN REPACK WITH NEW MATERIAL
12:30	03:30	15.00	MOB	ACTIVE	WAIT ON WEATHER (HIGH WINDS) RIG UP PRO SPUDDER RIG
03:30	06:00	2.50	DRLG	ACTIVE	SPUD WELL IN FROM 0' TO 38' (SCRIBE DIRRECTIONAL TOOLS)



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Partner Report

Report # 2 Date: 12/22/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost)	Cum To Date (Cost)	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 6.8
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	2.00	\$0	\$0	\$1,702,000	\$1,702,000
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig PRO DRILLING, 1					
Drilled Last 24 Hours (ft)	End Depth (ftKB) 0.0	End Depth (TVD) (ftKB)	DFS (days) 1.08	Report Number 2	Report End Date 12/22/2012
Last Casing String					

Status at 6 AM R/U CASING TOOLS	24 Hour Forecast SPUD WELL , CIRCULATE , LAY DOWN PIPE ,RUN 9 5/8 CASING , CEMENT , INSTALL WELL HEAD & TEST , RIG DOWN SPUDDER RIG
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HELD A SAFETY MEETING WITH PRO EMPLOYEES
06:30	06:00	23.50	DRLG	ACTIVE	DRILL 12 1/4 HOLE FROM 38' TO 339'



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Partner Report

Report # 3 Date: 12/23/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost)	Cum To Date (Cost)	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 9.7
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	3.00	\$0	\$0	\$1,702,000	\$1,702,000
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
PRO DRILLING, 1					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
301.00	339.0		2.08	3	12/23/2012

Last Casing String

Status at 6 AM RUN 9 5/8 CASING	24 Hour Forecast RUN 9 5/8 CASING, CEMENT
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:30	12.50	DRLG	ACTIVE	DRILL 12 1/4 HOLE FROM 339' TO 775'
18:30	00:00	5.50	TRIP	ACTIVE	TRIP OUT OF HOLE LAYING DOWN DIRECTIONAL TOOLS
00:00	02:30	2.50	CSG	ACTIVE	PREPARE RIG TO RUN 9 5/8 J-55 40LB CASING, P/U 2 JTS CRT TOOL WOULD NOT MAKE UP
02:30	06:00	3.50	CSG	ACTIVE	WAIT ON NEW CRT TOOL



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Partner Report

Report # 4 Date: 12/24/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$112,458	Cum To Date (Cost) \$112,458	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 12.7
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	4.00	\$112,458	\$112,458	\$1,702,000	\$1,589,542
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig PRO DRILLING, 1					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
436.00	775.0		3.08	4	12/24/2012

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM RIG DOWN	24 Hour Forecast
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	CSG	ACTIVE	WAIT ON CRT TOOL
08:00	11:30	3.50	CSG	ACTIVE	FINISH RUNNING 9 5/8 CASING TO 772'
11:30	13:30	2.00	CMTPRI	ACTIVE	SAFETY MEETING WITH BJ & PRO , TEST LINES TO 3000 PSI. , CEMENT WITH 340 SACKS CLASS C + .125 PPS CELLOFLAKE+4%GEL+2%CACL2 DISPLACE WITH 56 BBLs. WATER , DID NOT BUMP PLUG NO RETURNS , NO CEMENT TO SURFACE, TALKED TO JOHN AT TRRC @ 12-21-12 @ 3:45
13:30	17:30	4.00	CMTPRI	ACTIVE	SHUT IN WELL HEAD AND WAIT ON CEMENT
17:30	18:30	1.00	CMTPRI	ACTIVE	RIG DOWN CEMENT HEAD AND WAIT ON LOGGING UNIT
18:30	19:00	0.50	LOG	ACTIVE	PREFORM TEMP LOGG WITH PRO WIRE LINE TOP OF CEMENT 290' RIG DOWN WIRE LINE UNIT
19:00	02:30	7.50	CMTPRI	ACTIVE	TOP OUT WITH 300 SACK OF CEMENT @ 14.8 PPG, TALKED TO BETTY AT TRRC 12-22-12 @ 7:05
02:30	06:00	3.50	CMTPRI	ACTIVE	CUT CASING MOVE RIG, WELD WELL HEAD ON AND TEST TO 500 PSI.



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Partner Report

Report # 5 Date: 12/25/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$112,458	Cum To Date (Cost) \$224,916	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 15.4
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	6.00	\$112,458	\$224,916	\$1,702,000	\$1,477,084
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig PRO DRILLING, 1					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	775.0		4.08	5	12/25/2012

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM	24 Hour Forecast
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
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UNIVERSITY 52-10 8H
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Partner Report

Report # 6 Date: 12/26/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$112,458	Cum To Date (Cost) \$337,374	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 18.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	7.00	\$112,458	\$337,374	\$1,702,000	\$1,364,626
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 775.0	End Depth (TVD) (ftKB)	DFS (days) 5.08	Report Number 6	Report End Date 12/26/2012
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description



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Partner Report

Report # 7 Date: 12/27/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$112,458	Cum To Date (Cost) \$449,832	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 20.4
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.00	\$112,458	\$449,832	\$1,702,000	\$1,252,168
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 775.0	End Depth (TVD) (ftKB)	DFS (days) 6.08	Report Number 7	Report End Date 12/27/2012
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 8 Date: 12/28/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$112,458	Cum To Date (Cost) \$562,290	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 22.6
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	9.00	\$112,458	\$562,290	\$1,702,000	\$1,139,710
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	775.0		7.08	8	12/28/2012

Last Casing String
SURFACE, 772.0ftKB

Status at 6 AM	24 Hour Forecast
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 9 Date: 12/31/2012 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost)	Cum To Date (Cost) \$562,290	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 38.5
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	11.00	\$0	\$562,290	\$1,702,000	\$1,139,710
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	775.0		10.08	9	12/31/2012

Last Casing String
SURFACE, 772.0ftKB

Status at 6 AM WAIT ON DAYLIGHT	24 Hour Forecast MIRU H&P 395 ON UNIVERSITY 52-10 8H
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING.
06:30	18:30	12.00	MOB	ACTIVE	MIRU H&P 395
18:30	06:00	11.50	SHUTDOWN	ACTIVE	40% MOVED IN WAIT ON DAYLIGHT

**UNIVERSITY 52-10 8H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 10 Date: 1/1/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost)	Cum To Date (Cost) \$562,290	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 40.1
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.00	\$0	\$562,290	\$1,702,000	\$1,139,710
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	775.0		11.08	10	1/1/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM WAIT ON DAYLIGHT	24 Hour Forecast MIRU H&P 395 ON UNIVERSITY 52-10 8H
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING.
06:30	18:30	12.00	MOB	ACTIVE	MIRU H&P 395
					100% MOVED IN 30% RIGGED UP
18:30	06:00	11.50	SHUTDOWN	ACTIVE	WAIT ON DAYLIGHT



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Partner Report

Report # 11 Date: 1/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft) -2,499.00	Orig KB Elev (ft) 25.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$65,099	Cum To Date (Cost) \$627,389	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 44.6
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	15.00	\$65,099	\$627,389	\$1,702,000	\$1,074,611
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	775.0		12.08	11	1/2/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM WAIT ON DAYLIGHT	24 Hour Forecast RIG UP
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	RIGU	ACTIVE	RAISED SUBS @ 08:00. PINNED DOG BONES ON DRILLERS CABIN. INSTALL STAIRS, FLOWLINE. START RIGGING UP TOP OF TANKS. DRESS DERRECK. STRING UP BLOCKS AND PIN TDS. RAISE DRILLERS CABIN AND MAST @ 16:30.INSTALL V-DOOR. RAISE DEFUB ARM. UNPIN DERRECK CYLINDERS AND RETRACT. ROLL UP HYDRAULIC LINES
18:00	06:00	12.00			WAIT ON DAYLIGHT 100% MOVED 60% RIGGED UP 66 HRS FROM RECEIVING 1st LOADS



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Partner Report

Report # 12 Date: 1/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB)	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$170,138	Cum To Date (Cost) \$797,527	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 26.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.00	\$170,138	\$347,695	\$1,702,000	\$1,354,305
COMPLETION	0.00	\$0	\$0	\$400,000	\$400,000

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	775.0	End Depth (TVD) (ftKB)	
				DFS (days)	13.08
				Report Number	12
				Report End Date	1/3/2013
Last Casing String					
SURFACE, 772.0ftKB					
Status at 6 AM			24 Hour Forecast		
WAIT ON DAYLIGHT			RIG UP		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	RIGU	ACTIVE	STRING UP ALL HOIST. RAISE GAS BUSTER, R/U STAND PIPE. R/U DRILLERS CABIN ARM. HOOK UP VIBRATOR HOSE. START DRESS OUT OF RIG FLOOR. INSTALL WING VALVES ON BOP. MODIFY SHAKER AND CENTRIFUGE SLIDES. SPOOL UP DRLG LINE ON DRUM AND UNPIN BLOCKS. R/U FLARE LINE
18:00	06:00	12.00	RIGU	ACTIVE	WAIT ON DAYLIGHT. 100% MOVED 75% RIGGED UP 90 HRS SINCE RECEIVING 1s tLOAD



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 9 Date: 1/4/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 8.044" E	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$439,941	Cum To Date (Cost) \$890,176	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 28.7
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	9.00	\$439,941	\$890,176	\$1,590,000	\$699,824
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	775.0	End Depth (TVD) (ftKB)	
				DFS (days)	14.08
				Report Number	9
				Report End Date	1/4/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM MODIFY FLOWLINE TO ROT. HEAD	24 Hour Forecast RIG UP. PUT RAMS IN BOP
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	RIGU	ACTIVE	DRESS OUT FLOOR. R/U BAILS AND ELEVATORS, HANG SHAKER SLIDES. N/U ORBIT VALVE AND STACK SPACER SPOOLS. STAND UP BOP. CLEAN LOCATION HOUSES
18:00	06:00	12.00	BOPS	ACTIVE	N/U BOP. RETROFIT FLOWLINE TO ROTATING HEAD. 90% RIGGED UP 114 HRS SINCE 1st LOAD



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 10 Date: 1/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$82,227	Cum To Date (Cost) \$972,403	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	4.00	\$0	\$684,036	\$1,590,000	\$905,964
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 775.0	End Depth (TVD) (ftKB)	DFS (days) 15.08	Report Number 10	Report End Date 1/5/2013
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM P/U BHA			24 Hour Forecast TIH, DRILL SHOE TRACK, DRILL FORMATION		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	16:30	10.50	BOPS	ACTIVE	CHANGE RAMS IN BOP. DRESS OUT MUD TANKS. CHANGE OUT WELLHEAD VALVES TO H2S TRIM
16:30	17:00	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
17:00	18:00	1.00	BOPS	ACTIVE	PJSM. TEST LOWER AND UPPER IBOP 250/ 4000 HELD 5/5 MIN.
18:00	20:30	2.50	BOPS	ACTIVE	ATTEMPT TO TEST STAND PIPE. SWIVEL PACKING LEAKING. CHANGE OUT SWIVEL PACKING. CHARGE UP ACCUMALATOR. FUNCTION TEST BOP'S
20:30	00:30	4.00	BOPS	ACTIVE	TEST FLOOR VALVES, RAMS, CHOKE MANIFOLD 250/4000 HELD FOR 5/5 MIN. TEST ANNJULAR 250/3500 HELD FOR 5/5 MIN.
00:30	01:00	0.50	BOPS	ACTIVE	TEST CSG TO 1500 PSI AND HOLD FOR 30 MIN.
01:00	05:00	4.00	BHA	ACTIVE	MOVE STRAP AND CALIPER BHA. SET WEAR BUSHING. BLOW DOWN MUD LINES. R/U FILL UP LINE, MUD BUCKET, FILL PITS
05:00	06:00	1.00	BHA	ACTIVE	P/U BHA 100 % RIGGED UP 137 HRS SINCE 1s tLOAD



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 11 Date: 1/6/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 8.044" E	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$65,844	Cum To Date (Cost) \$1,044,105	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 3.8
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	4.73	\$65,844	\$749,880	\$1,590,000	\$840,120
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395											
Drilled Last 24 Hours (ft)	2,847.00	End Depth (ftKB)	3,619.0	End Depth (TVD) (ftKB)		DFS (days)	0.73	Report Number	11	Report End Date	1/6/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM DRILLING @ 3619'	24 Hour Forecast DRILL AHEAD TO KOP
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:30	4.50	BHA	ACTIVE	P/U BHA AND TIH TO TOC. (705')
10:30	11:00	0.50	TRIP	ACTIVE	PULL TRIP NIPPLE AND INSTALL ROT. HEAD
11:00	11:30	0.50			AIR OUT MUD PUMPS
11:30	12:30	1.00	RMWASH	ACTIVE	DRILL SHOE TRACK F/ 705' T/ 772'.
12:30	17:30	5.00	DRLG	ACTIVE	DRILL FORMATION F/ 772' T/ 1786'. DRILL 1014' @ 202 FPH.
17:30	18:00	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE.
18:00	22:30	4.50	DRLG	ACTIVE	DRILL F/ 1786' T/ 2555'. DRILLED 769' @170.8 FPH.
22:30	00:00	1.50	DRLG	ACTIVE	DRILL F/ 2555' T/ 2637'. DRILLED 82' @ 54.6 FPH. DRILLED WITH 1 PUMP. CHANGE SWAB AND LINER #2 PUMP
00:00	00:30	0.50	CIRC	ACTIVE	PUMPS LOST PRIME. BUILD VOLUME AND PRIME PUMPS.
00:30	02:30	2.00	DRLG	ACTIVE	DRILL F/ 2637' T/ 3015'. DRILLED 378' @ 189 FPH.
02:30	03:00	0.50			M/U REPEATER AND TEST MWD.
03:00	03:30	0.50	DRLG	ACTIVE	DRILL F/ 3015' T/ 3146'. DRILLED 131' @ 262 FPH.
03:30	04:00	0.50	DRLG	ACTIVE	SLIDE F/ 3146' T/ 3166'. DRILLED 20' @ 40 FPH.
04:00	06:00	2.00	DRLG	ACTIVE	DRILL F/ 3166' T/ 3619'. DRILLED 453' @ 226.5 FPH ROT = 145 P/U = 150 SO = 140



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Wellbore Name: OH

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Partner Report

Report # 12 Date: 1/7/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$73,043	Cum To Date (Cost) \$1,117,148	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 42.2
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	12.00	\$73,043	\$1,117,148	\$1,590,000	\$472,852
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig

HELMERICH & PAYNE, 395

Drilled Last 24 Hours (ft) 2,027.00	End Depth (ftKB) 5,646.0	End Depth (TVD) (ftKB)	DFS (days) 1.73	Report Number 12	Report End Date 1/7/2013
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Last Casing String

SURFACE, 772.0ftKB

Status at 6 AM

P/U CURVE ASSY

24 Hour Forecast

TIH, BUILD CURVE

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	DRLG	ACTIVE	DRILL 8 3/4" VERTICAL SECTION F/ 3619 T/ 4470'
11:00	16:00	5.00	DRLG	ACTIVE	DRILL 8 3/4" VERTICAL SECTION F/ 4470'- T/ 5511'.
16:00	16:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
16:30	17:00	0.50	DRLG	ACTIVE	DRILL 8 3/4" VERTICAL SECTION F/ 5511' T/ 5605'.
17:00	18:30	1.50	CIRC	ACTIVE	TROUBLE SHOOT MWD.
18:30	19:00	0.50	CIRC	ACTIVE	DISPLACE WELL WITH WHITE SHALE B MUD
19:00	19:30	0.50	DRLG	ACTIVE	DRILL 8 3/4" VERTICAL SECTION F/ 5605' T/ 5646' **KOP**
					3' AHEAD , 3.5 LEFT, NTL 8.5
19:30	20:00	0.50	CIRC	ACTIVE	SWAP OUT TRANSFER PUMP FROM FRAC TANKS
20:00	22:00	2.00	CIRC	ACTIVE	CIRCULATE SWEEPS PRIOR TO TOH
22:00	04:00	6.00	TRIP	ACTIVE	PUMP SLUG. TRIP OUT FOR CURVE ASSY
04:00	05:00	1.00	TRIP	ACTIVE	CLEAN FLOOR. MOVE TOOLS LAYED DOWN AND NEW BHA TO BE PICKED UP
05:00	06:00	1.00	TRIP	ACTIVE	P/U BHA # 3. (CURVE ASSY)



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Wellbore Name: OH

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Partner Report

Report # 13 Date: 1/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 8.044" E	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$105,944	Cum To Date (Cost) \$1,215,672	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 45.4
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.00	\$105,944	\$1,215,672	\$1,590,000	\$374,328
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
596.00	6,242.0		2.73	13	1/8/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM DRLG. CURVE @ 6242	24 Hour Forecast CONT. BUILD CURVE@6242
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	TRIP	ACTIVE	P/U DIRECTIONAL TOOLS. SURFACE TEST SAME 450 GPM @ 680 PSI. TIH T/ 5471'
11:00	11:30	0.50	RMWASH	ACTIVE	WASH AND REAM F/ 5471' T/ 5646'.
11:30	17:30	6.00	DRLG	ACTIVE	DRILL CURVE F/ 5646' T/ 5864'.
17:30	18:00	0.50	RIGSVC	ACTIVE	SERVICE RIG
18:00	06:00	12.00	DRLG	ACTIVE	DRILL CURVE F/ 5864' T/ 6242'. TVD = 6057.48 INC = 41.02 AZM = 189.43 AHEAD = 38.8' LEFT = 21.4 TO LAND = 7.6 MTR YIELD = 11.1 ROT 15' SLIDE 428'



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Wellbore Name: OH

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Partner Report

Report # 14 Date: 1/9/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$81,055	Cum To Date (Cost) \$1,298,732	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 48.2
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	14.00	\$81,055	\$1,298,732	\$1,590,000	\$291,268
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
453.00	6,695.0		3.73	14	1/9/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM DRLG. @ 6695'	24 Hour Forecast DRILL LATERAL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	DRLG	ACTIVE	DRILL CURVE F/ 5646' T/ 6637'. CURVE LANDED @ 6637'.
14:00	15:30	1.50	CIRC	ACTIVE	CIRCULATE MULTIPLE SWEEPS
15:30	16:00	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
16:00	17:00	1.00	TRIP	ACTIVE	TOH WET F/ 6637' T/ 5603'. (TOC)
17:00	18:00	1.00	TRIP	ACTIVE	PULL ROT. HEAD, INSTALL TRIP NIPPLE, PUMP SLUG
18:00	22:00	4.00	TRIP	ACTIVE	TOH FOR LATERAL ASSY
22:00	23:30	1.50	TRIP	ACTIVE	CHANGE OUT DIRECTIONAL TOOLS. SUFACE TEST SAME. 110 STKS, (422 GPM) = 850 PSI
23:30	04:30	5.00	TRIP	ACTIVE	TIH T/ 6563'. W/R 6563' T/ 6637' FOR SAFETY. FILL PIPE EVERY 20 STDs
04:30	06:00	1.50	DRLG	ACTIVE	DRILL LATERAL F/ 6637' T/ 6695'. INC = 84.29 AZI = 182.28 AHEAD= 8.8' LEFT = 11' SLIDE = 334 ROT - 44 MTR. YIELD = 14 NEEDED TO LAND = 1'S MAYBE



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 15 Date: 1/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$89,219	Cum To Date (Cost) \$1,403,424	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 52.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	15.00	\$89,219	\$1,403,424	\$1,590,000	\$186,576
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395											
Drilled Last 24 Hours (ft)	919.00	End Depth (ftKB)	7,614.0	End Depth (TVD) (ftKB)		DFS (days)	4.73	Report Number	15	Report End Date	1/10/2013

Last Casing String SURFACE, 772.0ftKB	
Status at 6 AM P.O.O.H	24 Hour Forecast CHANGE OUT BHA, TRIP IN HOLE, DRILL 8 3/4" LATERAL FROM 7614'

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG & TOP DRIVE
06:30	23:30	17.00	DRLG	ACTIVE	DRILL LATERAL F/ 6695' TO 7614', 919' @ 54 FPH, WOB=20=35, RPM 90, GPM 550, PSI 3000, MM RPM 171, TORQUE ON BOTTOM 12K, OFF BOTTOM 5K, DIFF=200-300
23:30	02:30	3.00	CIRC	ACTIVE	CIRCULATE TO CLEAN HOLE, PUMPING HIGH VISCOCITY SWEEPS, GPM=550, PSI=2600
02:30	06:00	3.50	TRIP	ACTIVE	PULL OUT OF HOLE ON ELEVATORS FROM 7614' TO BHA, HOLE SLICK AND TAKING PROPER FILLS
					LAST SAMPLE=7600' 100% SHALE
					LAST SURVEY @ 7538' TVD=6280.85 INC=88.64 AZM=179.63 ABOVE=9.3 LEFT=5.70 SLIDE=80' ROT=839' TOTAL DRILLED=919'



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 16 Date: 1/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$60,580	Cum To Date (Cost) \$1,464,005	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 56.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	16.00	\$60,580	\$1,464,005	\$1,590,000	\$125,995
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,009.00	8,623.0		5.73	16	1/11/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM DRLG @ 8623	24 Hour Forecast DRILL LATERAL, SURVEYS, DRILL LATERAL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	TRIP	ACTIVE	POOH FOR BIT, MOTOR
07:30	09:30	2.00	BHA	ACTIVE	CHANGE OUT BIT MOTOR, TEST MOTOR MWD, FOUND SPERRY MOTOR WITH BROKEN DRIVE SHAFT. DESICION MADE TO P/U NATIONAL MOTOR
09:30	13:30	4.00	TRIP	ACTIVE	RIH FILL EVERY 20 STDS TO 7584', WASH & REAM FOR SAFETY TO 7614'
13:30	06:00	16.50	DRLG	ACTIVE	DRILL LATERAL F/ 7614' TO ' , 8623' @61.15 FPH, WOB-25, RPM 90, GPM 590, PSI 3000, MM RPM 171, TORQUE ON BOTTOM 10-12K, OFF BOTTOM 6K, DIFF=200-300 LAST SAMPLE=8570' 80% SHALE 20% LIMESTONE BEHIND 1.00 LEFT 7.80 SLIDE=82' ROT=845' TOTAL DRILLED=1009'



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 17 Date: 1/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB) 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$96,736	Cum To Date (Cost) \$1,557,768	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 58.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.00	\$96,736	\$1,557,768	\$1,590,000	\$32,232
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 194.00		End Depth (ftKB) 8,817.0		End Depth (TVD) (ftKB) 6,283.8	
				DFS (days) 6.73	Report Number 17
				Report End Date 1/12/2013	
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM RELOG F/8717 TO 8817 FOR GAMMA			24 Hour Forecast TRIP IN THE HOLE TO 8817', DRILL LATERAL, SURVEYS, RIG SERVICE AND DRILL		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOPDRIVE
06:30	08:30	2.00	DRLG	ACTIVE	DRILL LATERAL F/ 8623' TO ' , 8817' @61.15 FPH, WOB-25, RPM 90, GPM 590, PSI 3100, MM RPM 171, TORQUE ON BOTTOM 10-12K, OFF BOTTOM 6K, DIFF=200-300
08:30	09:30	1.00	CIRC	ACTIVE	CIRC TROUBLESHOOT MWD,NO LUCK
09:30	12:30	3.00	CIRC	ACTIVE	PUMP 2 HI VIS SWEEPS CIRC 3 HRS WORK PIPE 90 FT HOLE CLEAN, PUMP SLUG
12:30	18:00	5.50	TRIP	ACTIVE	POOH, 15/20K OP F/ 6373' TO 6100' IN CURVE,
18:00	19:00	1.00	BHA	ACTIVE	POOH W/ BHA CHANGE OUT MWD TEST MOTOR AND MWD, MU BIT RIH
19:00	21:00	2.00	TRIP	ACTIVE	TRIP IN THE HOLE WITH BHA #6, FILL EVERY 20 STDs, CHK MWD, AND AGITATOR TO 2563'
21:00	02:00	5.00	TRIP	ACTIVE	RIG REPAIR-WAIT ON PART AND REPLACE LINK TILT CYLINDER CLEVIS
02:00	03:00	1.00	TRIP	ACTIVE	PULL TRIP NIPPLE AND CHANGE OUT ROTATING HEAD
03:00	05:00	2.00	TRIP	ACTIVE	TRIP IN THE HOLE WITH BHA #6 8716
05:00	06:00	1.00	RMWASH	ACTIVE	WASH AND REAM RELOG LAST 100' DUE TO MWD PROBLEMS AND GAMMA
LAST SAMPLE=8817' 90% LIMEY SHALE 10% LIMESTONE					
SURVEY @ 8652' TVD 6285.10 INC. 90.03 AZM. 180.81 VS 2663.11 DLS 0.34 BEHIND 1 LEFT 7.5 ROT=169' SLIDE= 15' TOTAL DRILLED=184'					



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 18 Date: 1/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$57,344	Cum To Date (Cost) \$1,615,111	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 64.3
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$57,344	\$1,615,111	\$1,590,000	(\$25,111)
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 1,774.00	End Depth (ftKB) 10,591.0	End Depth (TVD) (ftKB)	DFS (days) 7.73	Report Number 18	Report End Date 1/13/2013

Last Casing String
SURFACE, 772.0ftKB

Status at 6 AM DRLG @ 10591'	24 Hour Forecast RIG SERVICE, DRILL LATERAL,SURVEYS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOPDRIVE
06:30	06:00	23.50	DRLG	ACTIVE	DRILL LATERAL F/ 8817' TO 10591" @ 75.49 FPH, WOB 30, RPM 92,GPM 590, PSI 3200, MOTOR RPM 165, TORQ. OFF BTM 6K/ON BTM 12K-16K TIGHT CONN @ 9350' REAM TWICE HOLE SLICK LAST SAMPLE=10525' 90% LIMEY SHALE 10% LIMESTONE LAST SURVEY MD 10,423 TVD 6,271.21 INC 90.37 AZM 180.97 NORTH/SOUTH -4,419.33 EAST/WEST -371.36 VS 4,432.86 DLS 0.24 Above 3.60 Left 3.80 ROT=1685' SLIDE= 89' TOTAL DRILLED=1774'



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 19 Date: 1/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$90,119	Cum To Date (Cost) \$1,705,231	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 70.2
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	19.00	\$90,119	\$1,705,231	\$1,590,000	(\$115,231)
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig					
HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,503.00	12,094.0	6,260.6	8.73	19	1/14/2013

Last Casing String SURFACE, 772.0ftKB
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Status at 6 AM DRLG @ 12094'	24 Hour Forecast DRILL LATERAL, SURVEYS, RIG SERVICE AND TOP DRIVE, DRILL
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOPDRIVE
06:30	06:00	23.50	DRLG	ACTIVE	DRILL LATERAL F/ 10591' TO 12094' @ 63.95 FPH, WOB 35, RPM 92,GPM 590, PSI 3500, MOTOR RPM 165, TORQ. OFF BTM 6K/ON BTM 16K-18K LAST SAMPLE @ 11,900' 100 % LIMEY SHALE AHEAD 2.30 RIGHT 0.60 ROT=1464' SLIDE=49' TOTAL DRILLED=1213'



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Wellbore Name: OH

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Partner Report

Report # 20 Date: 1/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$65,026	Cum To Date (Cost) \$1,768,587	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 77.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.00	\$65,026	\$1,768,587	\$1,590,000	(\$178,587)
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
1,609.00	13,703.0	6,274.6	9.73	20	1/15/2013
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM DRLG @ 13,703'			24 Hour Forecast DRILL, TD, CIRCULATE, WORK PIPE, TRIP OUT 10 STANDS, LAY DOWN DRILL PIPE		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOPDRIVE
06:30	06:00	23.50	DRLG	ACTIVE	DRILL LATERAL F/ 12094' TO 13703', 1609' @ 68.46 FPH, WOB 35, RPM 99,GPM 590, PSI 3690, MOTOR RPM 150, TORQ. OFF BTM 6K/ON BTM 16K, NOTE ADD 2PPB BEADS TO MUD LAST SAMPLE @ 13500' 100% LIMET SHALE LAST SURVEY MD 13,450 TVD 6,253.07 INC 91.73 AZM 181.34 NORTH/SOUTH -7,445.24 EAST/WEST -426.35 VS 7,457.39 DLS 2.64 AHEAD 5.70 RIGHT 3.10 ROT=1424' SLIDE=185' TOTAL DRILLED=1609'



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Wellbore Name: OH

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Partner Report

Report # 21 Date: 1/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$68,488	Cum To Date (Cost) \$1,837,074	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 90.2
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$47,355	\$1,815,941	\$1,590,000	(\$225,941)
COMPLETION	0.71	\$21,133	\$21,133	\$591,900	\$570,767

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
402.00	14,105.0	6,246.4	10.73	21	1/16/2013
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM LAYING DOWN 5" DP F/ 12680'			24 Hour Forecast FINISH LAYING DOWN 5" DP R/U AND RUN 5.5" CSG		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOPDRIVE
06:30	13:00	6.50	DRLG	ACTIVE	DRILL LATERAL F/ 13703' TO 14105' 402' @ 62 FPH, WOB 25/30, RPM 90, GPM 575. PSI 3600, MOTOR RPM 161, ROQ ON BOTTOM 16K, OFF 6K LAST Survey MD 14,018 TVD 6,248.57 INC 90.56 AZM 181.99 NORTH/SOUTH -8,012.99 EAST/WEST -441.64 VS 8,025.14 DLS 1.39 Ahead 7.20 Right 9.50 PTB 14,105.00 Ahead 7.60 Right 11.00 ROT=347' SLIDE=55' TOTAL DRILLED=402'
13:00	23:00	10.00	CSG	ACTIVE	CIRC PUMP 6 - 20BBL HI VIS SWEEPS FOR 10 HRS, WORK PIPE 90', RPM 90,MOTOR RPM 160
23:00	01:00	2.00	CSG	ACTIVE	POOH WITH 15 STDS TO 12680' HOLE SLICK, FLOW CHECK AND PUMP SLUG
01:00	06:00	5.00	CSG	ACTIVE	LAY DOWN 5" DP F/ 12680', MONITORING FILLS



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Wellbore Name: OH

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Partner Report

Report # 22 Date: 1/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$74,827	Cum To Date (Cost) \$1,911,902	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 94.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$44,992	\$1,860,934	\$1,590,000	(\$270,934)
COMPLETION	1.71	\$29,835	\$50,968	\$591,900	\$540,932

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 11.73	Report Number 22	Report End Date 1/17/2013
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM WAITING FOR HIGH-TORQUE CSG TONGS			24 Hour Forecast FINISH RUNNING 5.5" PROD CSG, CIRC AND CEMENT		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	16:00	10.00	CSG	ACTIVE	POOH LDDP, MONITOR WELL ON TRIP TANK, LD SHOCK SUB AGITATOR TO 770'
16:00	17:00	1.00	RIGSVC	ACTIVE	CUT DRILL LINE
17:00	23:00	6.00	CSG	ACTIVE	POOH LDDP, DIR BHA, RIH W/ 15 STDS IN DERRICK POOH LDDP, CASING CREW NOTIFIED TO BE ON LOC AT 5PM
23:00	03:00	4.00	CSG	ACTIVE	R/U CSG CREW AND CRT FOR 5.5" P-110 17# BTC W/ TORQUE RINGS M/U TO FLOAT SUB AND REACHED OPTIMUM TORQUE WITHOUT TORQ RINGS STOPPED FOR BYRD CSG CREW TO GET HIGH TORQUE TONGS TO LOCATION FROM ODESSA
03:00	06:00	3.00	CSG	ACTIVE	WAITING FOR HIGH TORQUE TONGS FROM BYRD CSG IN ODESSA ETA 6 AM CIRCULATING AND MONITORING WELL ON TRIP TANK PUT 2PPB BEADS IN MUD SYSTEM



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Wellbore Name: OH

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Partner Report

Report # 23 Date: 1/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$430,926	Cum To Date (Cost) \$2,342,067	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 98.7
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$89,042	\$1,937,693	\$1,590,000	(\$347,693)
COMPLETION	2.71	\$341,884	\$404,374	\$591,900	\$187,526

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	12.73	23	1/18/2013
Last Casing String SURFACE, 772.0ftKB					
Status at 6 AM RUNNING 5.5" #17 P-110 CSG, CURRENT DEPTH 13800'		24 Hour Forecast FINISH RUNNING 5.5" 17# P-110 PROD CSG, CIRC AND CEMENT, DISPLACE W/ KCL WATER. SET SLIPS. NIPPLE DOWN. INSTALL WELL CAP			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	CSG	ACTIVE	RIG UP NEW TONGS TO TORQUE 5.5" 17# P-110 BTC PIPE TO 14000FT/LBS TORQUE RING OPT TORQ
06:30	19:00	12.50	CSG	ACTIVE	RIH W/ 5.5 CSG 17PPF, P110, BTC CASING W/ TORQUE RINGS INSTALLED TORQUE TURN PIPE W/ BYRD CSG CREW TO 14000FT/LBS, TO CASING SHOE AT 770' BREAK CIRC, RIH TO TOP OF CURVE AT 5650' BREAK CIRC, FILL EVERY 30 JTS RIH TO 10480' STARTED TAKING WEIGHT TO GET CSG DOWN, STARTED USING CRT
19:00	06:00	11.00	CSG	ACTIVE	TIGHT HOLE @ 10480', BEGIN USING CRT TO ROTATE CSG DOWN T/ 13800', FILLED PIPE AND ESTABLISHED CIRC EVERY 15 JOINTS 10 RPM, 40 SPM 350 PSI, 5-7 K TORQ GOOD RETURNS EVERY TIME MAX DAILY GAS 290 UNITS



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 24 Date: 1/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 29.38	Daily Cost (Cost) \$143,467	Cum To Date (Cost) \$2,485,315	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,937,473	\$1,590,000	(\$347,473)
COMPLETION	3.54	\$143,467	\$547,841	\$591,900	\$44,059

Daily Operations

Rig HELMERICH & PAYNE, 395					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	13.73	24	1/19/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM RIGGING DOWN AND GETTING READY FOR SKID AHEAD	24 Hour Forecast SKID OVER TO UNIVERSITY 52-10 7H
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	CSG	ACTIVE	RIH W/ 5.5 CASING TO 14084', ROT DOWN W/ 10 RPM 7K TORQ. PULL ONE JT BREAK OFF LAY DOWN
07:00	08:30	1.50	CMTPRI	ACTIVE	CIRC 1.5 CASING CAP AT 6BPM 320 PSI , CIR WT WITH BLOCKS 135K, WO 95K, PJSM WITH BAKER CEMENTERS MAX BACKGROUND GAS WHILE CIRC 435 UNITS
08:30	09:30	1.00	CMTPRI	ACTIVE	RIG DOWN CASING EQUIP AND CRT TOOL, RU BAKER CEMENT HEAD TEST TO 4000PSI
09:30	12:30	3.00	CMTPRI	ACTIVE	BAKER PUMP 10BBLS H2O, 36BBLS, MUDCLEAN, 10BBLS H2O, LEAD CEMENT 35/65 POZ H, 915SXS 12.5PPG 329BBLS, , 2.02 YIELD, 3% BWOW SODIUM CHLORIDE, .125LBS/SACK CELLO FLAKE, 3LBS/SACK KOL-SEAL, 50 LB BAG, 6% BWOC BENTONITE, .4% BWOC FL-52A, .1% BWOC R-3,, TAIL CEMENT 50:50 POZ H, 1896 SXS, 433BBL, 14.2PPG, YIELD 1.28 , 5%BWOW SODIUM CHLORIDE, .3% BWOC CD-32, .5% BWOC FL-25, .6% BWOC SODIUM METASILICATE, .5% BWOC FL-52A, .2% BWOC R-3,
12:30	14:00	1.50	CMTPRI	ACTIVE	SHUT DOWN WASH SURFACE LINES OUT, DROP TOP MPLUG AND WIPER BALL, DISPLACE W/ 24BBLS ACETIC, 301 BBLS 2% KCL, FINAL CIRC PSI 1320 PSI, BUMP PLUG TO 2000PSI HELD FOR 2 MIN RELEASE PSI, 2.5 BBLS BACK FLOATS HOLDING, RIG DOWN CEMENTERS, GOT 86 BBLS CMT BACK, LOST FULL RETURNS WITH 260BBLS DISPLACEMENT PUMPED,
14:00	17:00	3.00	BOPS	ACTIVE	WASH OUT STACK, TOOK 14 BBLS TO FILL HOLE, NIPPLE DOWN AND LIFT STACK TO SET SLIPS
17:00	20:30	3.50	WLHEAD	ACTIVE	SET SLIPS WITH CEMENTED WT WITHOUT BLOCKS 100K, CUT CASING AND L/O ROUGH CUT, SET OUT SPACER SPOOLS, SET OUT BOPS AND INSTALL BLANK FLANGE ON TOP TO SKID OVER,
20:30	02:00	5.50	RIGSVC	ACTIVE	FINISH CLEANING MUD PITS @ 02:00 HOURS RELEASED RIG @ 02:00 HOURS/ 14 DAYS FROM SPUD NO ACCIDENTS/ NO INCEDENTS



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 25 Date: 2/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$46,860	Cum To Date (Cost) \$2,532,175	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,966,276	\$1,590,000	(\$376,276)
COMPLETION	4.71	\$46,860	\$565,899	\$4,797,520	\$4,231,622

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	38.73	Report Number	25	Report End Date	2/13/2013
Last Casing String											
PRODUCTION, 14,068.0ftKB											
Status at 6 AM						24 Hour Forecast					
SHUT IN.						PERF STG 1.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SHUTDOWN	ACTIVE	SHUT IN.
07:00	10:00	3.00	SHUTDOWN	ACTIVE	WAIT ON FMC TO ARRIVE WITH 5K FRAC VALVE AND TBG HEAD. THERE HOT SHOT TRUCK BROKE DOWN.
10:00	12:00	2.00	WLHEAD	ACTIVE	REMOVE BLIND FLANGE, INSTALL TUBING HEAD AND 5K FRAC VALVE.
12:00	15:00	3.00	LOG	ACTIVE	MU API WL & RIH W/ RADIAL CBL/CCL/GR TOOLS TO 6,150'. RAN LOG FROM 6,150' UP TO 100'. LOG INDICATED: GOOD CMT BOND. EST TOC AT 250'. POH W/ WL.
15:00	19:00	4.00	SHUTDOWN	ACTIVE	STINGER ISOLATION TOOL BROUGHT OUT WRONG CUPS TO ALLOW THE PERF GUNS TO PASS THRU TOOL. WAIT ON CORRECT EQUIPMENT TO ARRIVE.
19:00	06:00	11.00	SHUTDOWN	ACTIVE	MU CREST PUMP TRUCK. SDFN.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 26 Date: 2/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$25,050	Cum To Date (Cost) \$2,557,225	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 64.9
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,966,276	\$1,590,000	(\$376,276)
COMPLETION	5.71	\$25,050	\$590,949	\$4,797,520	\$4,206,572

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	39.73	26	2/14/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM SHUT IN.	24 Hour Forecast ACIDIZE STAGE 1 PERFS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION. CONDUCT SAFETY MEETING AND GO OVER JSA'S.
07:00	08:00	1.00	RIGU	ACTIVE	MU STINGER ISOLATION TOOL AND CREST PUMP TRUCK.
08:00	08:30	0.50	PERF	ACTIVE	OPEN WELL. PRESSURE UP ON CASING TO 5,000 PSI. GOOD TEST. PRESSURE UP TO 7,000 PSI. HELD PRESSURE. PRESSURE UP TO 7,500 PSI. HELD PRESSURE. PRESSURE UP TO 8,000 PSI. HELD PRESSURE. PRESSURE UP TO 8,250 PSI AND THE RSI TOOL OPENED. ESTABLISH INJ RATE @ 12 BPM W/ 5,700 PSI. PUMPED 50 BBLS.
08:30	12:00	3.50	PERF	ACTIVE	RIH W/ DUMMY PLUG & 3 EA API 3-3/8" PERF GUNS. PERF THE STAGE 1 WITH 3 CLUSTERS W/ 6 SPF, 25 GRAM, 0.53" EHD CONNEX CHARGES & 60 DEG PHASED AS FOLLOWS 13,864-13,866' (12 HOLES), 13,804' - 13,806' (12 HOLES) & 13,744' - 13,746' (12 HOLES). POH W/GUNS & SETTING TOOL. ALL 36 SHOTS FIRED. USED 568 BBLS OF FRESH WATER W/ 2% KCL & BIOCIDES DURING PUMP DOWN. MOVE TO UNIVERSITY 52-10 -7H WELL

**UNIVERSITY 52-10 8H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 27 Date: 2/16/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$28,550	Cum To Date (Cost) \$2,587,275	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 67.5
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,966,276	\$1,590,000	(\$376,276)
COMPLETION	6.71	\$28,550	\$620,999	\$4,797,520	\$4,176,522

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 41.73	Report Number 27	Report End Date 2/16/2013
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Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

SHUT IN

24 Hour Forecast

READY TO FRAC

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	16:00	10.00	SHUTDOWN	ACTIVE	NO ACTIVITY
16:00	18:00	2.00	STIM	ACTIVE	ACIDIZE STAGE 1 PERFS AS FOLLOWS- 13,744-13,746; 13,804-13,806; 13,864-13,866 W/ 2000 GAL DH 15% HCL ACID, OWP- 1120, STARTED PUMPING & INCREASED RATE TO 5 BPM @ 3000 PSI, PUMPED ACID, SWITCHED TO WATER (KCL&BIO), INCREASED RATE TO 12.5 BPM @ 4000 PSI, ACID ON PERFS AT SAME RATE & PSI, INCREASED RATE TO 15 BPM @ 4000 PSI, FLUSH ACID OUT PERFS PSI @ 3900, SD, ISIP - 2,590 5 MIN - 2240 10 MIN - 2190 15 MIN - 2130 SWI, RD CREST PUMPS AND MOVE TO UNIVERSITY 52-1--#4H
18:00	06:00	12.00	INACTIVE	INACTIVE	WELL SHUT IN, READY TO FRAC STAGE 1



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 28 Date: 3/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$3,300	Cum To Date (Cost) \$2,601,646	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	7.71	\$3,300	\$632,608	\$4,797,520	\$4,164,913

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	75.73	28	3/22/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM SI.	24 Hour Forecast BEGIN FRAC OPS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	SHUTDOWN	ACTIVE	WAITING ON FRAC EQUIPMENT.
12:00	16:00	4.00	RIGU	ACTIVE	MIRU HES WHIT AND TRICAN FRAC.
16:00	06:00	14.00	SHUTDOWN	ACTIVE	SD WAITING TO BEGIN FRAC OPS.



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 29 Date: 3/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$94,712	Cum To Date (Cost) \$2,696,358	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	8.71	\$94,712	\$727,320	\$4,797,520	\$4,070,201

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 76.73	Report Number 29	Report End Date 3/23/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM STG 2 PUMP DOWN			24 Hour Forecast CONT FRAC OPS.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:30	8.50	SHUTDOWN	ACTIVE	WAITING ON EQUIPMENT.
14:30	23:30	9.00	SHUTDOWN	ACTIVE	WAITING ON THE UNIVERSITY 52-10 #7 FRAC TO COMPLETE.
23:30	01:45	2.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 1 PERFS @ 13,927'-13,744' (48 HOLES) W/ 2,000 GAL 7.5% HCL ACID,218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 471 PSI.BRK 3,069. @15 BPM. ACID CLEARED PERFS AT 6,584.PSI @ 72 BPM. PUMPED JOB AS FOLLOWS: 5,258 BBL CLEAN FLUID, 97,905 LBS PREMIUM 100 MESH SAND & 139,500 LBS PREMIUM 40/70 SAND, MAX PRESSURE 7,730 PSI. AVG PRESSURE 5,865 PSI. AVG RATE 80.0 BPM. FSIP=2,215 PSI, FG=.79 .
01:45	04:15	2.50	WIRELINE	ACTIVE	WAITING ON WL TO FINISH LOGGING 7H.
04:15	06:00	1.75	PERF	ACTIVE	RIH W/HES 5-1/2" CFP & 4 EA API 3 3/8" PERF GUNS. SET CBFP @ 13,714 & TESTED CBFP TO 5,000 PSI. GOOD TEST. PERF THE STAGE 2 CLUSTERS W/ 6 SPF & 60 DEG PHASED AS FOLLOWS: 13,504'-13,506', 13,564'-13,566',13,624'-13,626', 13,684'-13,686'. TOTAL 48 HOLES. POOH W/GUNS & SETTING TOOL. ALL 48 SHOTS FIRED. USED 518 BBL FRESH WATER DURING PUMPDOWN.



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 30 Date: 3/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$291,596	Cum To Date (Cost) \$3,000,285	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	9.71	\$291,596	\$1,031,247	\$4,797,520	\$3,766,274

Daily Operations

Rig	Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 77.73	Report Number 30	Report End Date 3/24/2013
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Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM WELL SHUT IN.	24 Hour Forecast WAIT ON CTU.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	SHUTDOWN	ACTIVE	WAITING ON THE UNIVERSITY 52-10 #7 FRAC TO COMPLETE.
07:30	10:30	3.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 2 PERFS @ 13,504' - 13,686' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,815 PSI.BRK 3,201 @ 13 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 4,094 PSI @ 41 BPM. PUMPED JOB AS FOLLOWS: 5,399 BBL CLEAN FLUID, 97,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 8,149 PSI. AVG PRESSURE 5,210 PSI. AVG RATE 80.9 BPM. ISIP= 2,473 PSI, FG= .83 .
10:30	12:15	1.75	PERF	ACTIVE	RIH W/HES 5-1/2" CFP & 4 EA API 3 3/8" PERF GUNS. SET CBFP @ 13,474 & TESTED CBFP TO 5,000 PSI. GOOD TEST. PERF THE STAGE 3 CLUSTERS W/ 6 SPF & 60 DEG PHASED AS FOLLOWS: 13,264'-13,266', 13,324'-13,326', 13,384'-13,386', 13,444'-13,446'. TOTAL 48 HOLES. POOH W/GUNS & SETTING TOOL. ALL 48 SHOTS FIRED. USED 446 BBL FRESH WATER DURING PUMP DOWN.
12:15	13:30	1.25	SHUTDOWN	ACTIVE	WAITING ON THE UNIVERSITY 52-10 #7 FRAC TO COMPLETE.
13:30	15:45	2.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 3 PERFS @ 13,264' - 13,446' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,810 PSI.BRK 3,131 @ 8.7 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 5,977 PSI @ 80.2 BPM. PUMPED JOB AS FOLLOWS: 5,166 BBL CLEAN FLUID, 97,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 6,146 PSI. AVG PRESSURE 4,356 PSI. AVG RATE 79.7 BPM. FSIP= 2,364 PSI, FG= .81 .
15:45	18:00	2.25	PERF	ACTIVE	RIH W/HES 5-1/2" CFP & 4 EA API 3 3/8" PERF GUNS. SET CBFP @ 13,234 & TESTED CBFP TO 5,000 PSI. GOOD TEST. PERF THE STAGE 4 CLUSTERS W/ 6 SPF & 60 DEG PHASED AS FOLLOWS: 13,024'-13,026', 13,084'-13,086',13,144'-13,146', 13,204'-13,206'. TOTAL 48 HOLES. POOH W/GUNS & SETTING TOOL. ALL 48 SHOTS FIRED. USED 420 BBL FRESH WATER DURING PUMP DOWN.
18:00	20:00	2.00	SHUTDOWN	ACTIVE	WAITING ON THE UNIVERSITY 52-10 #7 FRAC TO COMPLETE.
20:00	22:00	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & BIGHORN WTR TRANSFER TO FRAC STG 4 PERFS @ 13,024' - 13,206' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,185 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. HES WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,889 PSI.BRK 3,519 @ 10 BPM. (ACID SPOTTED AHEAD DURING PUMP DOWN) ACID CLEARED PERFS AT 6,344 PSI @ 60 BPM. PUMPED JOB AS FOLLOWS: 5,793 BBL CLEAN FLUID, 97,750 LBS PREMIUM 100 MESH SAND & 127,750 LBS PREMIUM 40/70 SAND, MAX PRESSURE 6,541 PSI. AVG PRESSURE 4,374 PSI. AVG RATE 80 BPM. FSIP= 2,211 PSI, FG=0.79 NOTE BIGHORN WATER TRANSFER LOST SUCTION AT THE PIT AND JOB WAS SD FOR 15 MINS. .



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 30 Date: 3/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
22:00	01:00	3.00	PERF	ACTIVE	RIH W/HES 5-1/2" CFP & 4 EA API 3 3/8" PERF GUNS. WHILE PUMPING PLUG AND GUNS DOWN ON STG 5 GUN STRING SAT DOWN AT 7,270' (CCL) 90 DEG. PULLED BACK UP TO MJ AT 5,555' AND STARTED PUMPING DOWN AGAIN GUNS SAT DOWN TWO MORE TIMES IN SAME SPOT. PUMP RATE WAS 15 BPM AT 2,300 PSI. POOH WITH WL AND GUNS. OOH WITH ALL WL AND GUNS, PLUG. PLUG HAD NO SAND OR SCRATCHES ON IT.
01:00	06:00	5.00	SHUTDOWN	ACTIVE	SHUT WELL WAIT ON ORDERS.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 31 Date: 3/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$291,596	Cum To Date (Cost) \$3,291,881	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	10.71	\$291,596	\$1,322,843	\$4,797,520	\$3,474,678

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	80.73	31	3/27/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
RUN IN HOLE W/COIL TBG.			RU AND START IH W/COIL TBG. TO DRILL OUT OBSTRUCTION AND CIR HOLE .		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	SHUTDOWN	ACTIVE	WELL SHUTDOWN WAITING ON COIL UNIT
18:00	02:00	8.00	RIGU	ACTIVE	RU COIL UNIT TO WELL HEAD AND PREPARE TO GIH TO CIR. CLEAN.
02:00	06:00	4.00	TRIP	ACTIVE	START IN HOLE WITH 2 3/8" COIL TBG. & 5 BLADED MILL BIT. RUN COIL TBG AND BIT TO CLEAR OBSTRUCTION AND TO CIR. HOLE CLEAN. STACKED OUT AT 2200', AFTER 3 TIMES OF STACKING OUT EVENTUALLY WENT ON THROUGH OBSTRUCTION. STACKED OUT AGAIN AT 6178' FORCE OBJECT DOWN HOLE. AT 05:45 COILTGB AT 6228'.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 32 Date: 3/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$84,150	Cum To Date (Cost) \$3,376,031	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	11.71	\$84,150	\$1,406,993	\$4,797,520	\$3,390,528

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	81.73	Report Number	32	Report End Date	3/28/2013
Last Casing String PRODUCTION, 14,068.0ftKB											
Status at 6 AM RD COIL TO MOVE OVER TO #7						24 Hour Forecast RU COIL TO UNIVERSITY 52-10 #7 WELL HEAD. RIH TO FISH WIRELINE GUNS.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	CIRC	ACTIVE	CIRCULATED DOWN TO 13,000 +'. START 50 BBLs SWEEP, POOH BACK TO SURFACE. SAMPLES SHOW CLEAN WELL BORE.
11:00	21:00	10.00	RIGU	ACTIVE	RU HALIBURTON OBSIDIAN BRIDGE PLUG ON COIL'S 2 3/8 TUBING TO RIH AND SET @ 12,,281'. (NOTE: COULD NOT GET DOWN ANY FURTHER.) POOH, AND RU TO PRESSURE TEST CSG, PUMPED 245 BBLs, CASING DID NOT HOLD PRESSURE. SD, OPEN WELL, WELL HAD 1,200 PSI. CALLED OKL FOR ORDERS, ORDERS WERE TO RD MOVE OVER TO #7.
21:00	00:00	3.00	TRIP	ACTIVE	CLOSE WELL AND SECURE. RD IPS COIL AND MOVE OVER TO THE UNIVERSITY 52-10 #7. (PAD WELL).



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 33 Date: 3/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$9,100	Cum To Date (Cost) \$3,385,131	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	12.71	\$9,100	\$1,416,093	\$4,797,520	\$3,381,428

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 82.73	Report Number 33	Report End Date 3/29/2013
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Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM WSI.	24 Hour Forecast RUN CSG INSPECTION LOG.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
08:00	08:30	0.50	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
08:30	12:30	4.00	RIGU	ACTIVE	MIRU BAKER HUGHES WL & WELLTEC TRACTOR SERVICE. TO RUN CSG INSPECTION LOG ON THE 5-1/2" PRODUCTION CSG. TEST LOGGING TOOLS AND TRACTOR. GOOD TEST.
12:30	15:00	2.50	LOG	ACTIVE	OPEN WELL WITH 600 PSI. RIH WITH WELLTEC TRACTOR AND BAKER LOGGING TOOLS TO RUN CSG INSPECTION LOG. START TRACTOR AT 6,492'. THEN BAKER RAN OUT OF GREASE FOR LUBRICATOR. POOH ON THE WAY OOH BAKERS GENERATOR BROKE DOWN.
15:00	16:30	1.50	RIGD	ACTIVE	OOH WITH ALL WL AND TOOL. RDMO BAKER TRUCK. SECURE WELL AND SDFN. BAKER WILL BRING ANOTHER TRUCK OUT NEXT AM AND RUN LOG.
16:30	06:00	13.50	SHUTDOWN	ACTIVE	



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 33 Date: 4/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$9,100	Cum To Date (Cost) \$3,385,131	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	12.71	\$9,100	\$1,416,093	\$4,797,520	\$3,381,428

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 86.73	Report Number 33	Report End Date 4/2/2013
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Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

WSI.

24 Hour Forecast

RUN CSG INSPECTION LOG.

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
08:00	08:30	0.50	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
08:30	12:30	4.00	RIGU	ACTIVE	MIRU BAKER HUGHES WL & WELLTEC TRACTOR SERVICE. TO RUN CSG INSPECTION LOG ON THE 5-1/2" PRODUCTION CSG. TEST LOGGING TOOLS AND TRACTOR. GOOD TEST.
12:30	15:00	2.50	LOG	ACTIVE	OPEN WELL WITH 600 PSI. RIH WITH WELLTEC TRACTOR AND BAKER LOGGING TOOLS TO RUN CSG INSPECTION LOG. START TRACTOR AT 6,492'. THEN BAKER RAN OUT OF GREASE FOR LUBRICATOR. POOH ON THE WAY OOH BAKERS GENERATOR BROKE DOWN.
15:00	16:30	1.50	RIGD	ACTIVE	OOH WITH ALL WL AND TOOL. RDMO BAKER TRUCK. SECURE WELL AND SDFN. BAKER WILL BRING ANOTHER TRUCK OUT NEXT AM AND RUN LOG.
16:30	06:00	13.50	SHUTDOWN	ACTIVE	



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 34 Date: 4/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$63,877	Cum To Date (Cost) \$3,449,008	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	13.71	\$63,877	\$1,479,970	\$4,797,520	\$3,317,551

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 87.73	Report Number 34	Report End Date 4/3/2013
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Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM WSI	24 Hour Forecast WSI.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	RIGU	ACTIVE	MIRU BAKER HUGHES WL & WELLTEC TRACTOR SERVICE. TO RUN CSG INSPECTION LOG ON THE 5-1/2" PRODUCTION CSG. TEST LOGGING TOOLS AND TRACTOR. GOOD TEST.
08:30	11:30	3.00	LOG	ACTIVE	OPEN WELL & RIH WITH WELLTEC TRACTOR AND BAKER LOGGING TOOLS (IMAGING CALIPER LOG) TO RUN CSG INSPECTION LOG. START TRACTOR AT 6,492' AND TRACTOR TOOLS DOWN TO 8,980' WHERE TRACTOR WOULD NOT GO ANY DEEPER. PULL UP 50' THREE TIMES AND TOOLS STOPED AT SAME PLACE EVERY TIME. PULLED UP 150' TO 8,830 AND RIH AGAIN TRACTOR STOPPED AT SAME SPOT 8,980'. TOOL PULLED OUT STICKY FROM TIGHT SPOT THEN WENT BACK TO NORMAL AFTER A FEW FEET.
11:30	15:30	4.00	LOG	ACTIVE	LOG OOH FROM 8,978' TO SURFACE. LOGING TOOLS DID NOT SHOW ANY SIGN OF BAD CSG ON FIELD LOG. FINAL COPY WILL BE PROCESSED BY BAKER HUGHES AND SENT TO DEVON OKC NEXT AM.
15:30	18:30	3.00	RIGD	ACTIVE	RDMO WELLTEC AND BACKER HUGHES. SECURE WELL AND SDFN.
18:30	06:00	11.50	SHUTDOWN	ACTIVE	



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 35 Date: 4/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$10,680	Cum To Date (Cost) \$3,459,688	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	14.71	\$10,680	\$1,490,650	\$4,797,520	\$3,306,871

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	96.73	35	4/12/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM SHUT IN		24 Hour Forecast MAKE BIT RUN TO CLEAN-OUT TO BRIDGE PLUG SET AT 12,280'. POOH WITH BIT .			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	SHUTDOWN	ACTIVE	WELL SHUT IN
10:00	14:00	4.00	RIGU	ACTIVE	MOVE IN ESCO UNIT #235, PUMP, SWIVEL ,PIPE RACKS AND LOAD 535 JOINTS OF TUBING ON RACKS,INSTALL BOP
14:00	23:00	9.00	TRIP	ACTIVE	RUN IN THE HOLE WITH 4 3/4 TAPERED MILL, 4 3/4 STRING MILL AND JARS W/ BUMPER SUB. RAN TUBING ALL THE WAY TO PLUG NO TIGHT SPOTS TOTAL OF 391 JTS, 12,100FT NO PROBLEMS. CIRCULATED 50BBL SWEEP AND STARTED COMMING OUT OF THE HOLE WITH 2 7/8 PH-6 TUBING. STOOD IT BACK..
23:00	06:00	7.00	SHUTDOWN	ACTIVE	SHUT DOWN FOR NIGHT, PACKER SHOULD BE ON LOCATION @ 7:00 AM.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 36 Date: 4/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$36,950	Cum To Date (Cost) \$3,496,638	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	15.71	\$36,950	\$1,527,600	\$4,797,520	\$3,269,921

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 97.73	Report Number 36	Report End Date 4/13/2013
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Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

POOH WITH MILL

24 Hour Forecast

HUNT HOLE, POOH WITH PACKER

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	TRIP	ACTIVE	PULL MILL OUT OF HOLE
08:00	11:00	3.00	TRIP	ACTIVE	RUN 5 1/2 CREST PACKER IN TO HUNT HOLE IN CASING
11:00	13:00	2.00	TRIP	ACTIVE	SET PACKER @ 8003' TEST PLUG TO 3500 PSI, VERY SLIGHT LEAK, PUMP DOWN ANNULAS AND ESTABLISH PUMP RATE OF 2.7 BPM @ 3300
					TEST UNTIL PACKER WAS ABOVE HOLE ESTABLISH HOLE TO BE BETWEEN 7230-7250'
13:00	16:00	3.00	TRIP	ACTIVE	POOH WITH PACKER , SECURE WELL
16:00	06:00	14.00	SHUTDOWN	ACTIVE	SHUT DOWN FOR THE NITE



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 37 Date: 4/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$10,650	Cum To Date (Cost) \$3,507,288	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	16.71	\$10,650	\$1,538,250	\$4,797,520	\$3,259,271

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 98.73	Report Number 37	Report End Date 4/14/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM SHUTIN			24 Hour Forecast CLEAN OUT HOLE		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SHUTDOWN	ACTIVE	WELL SHUT IN
07:00	08:00	1.00	SAFETY	ACTIVE	SAFETY MEETING
08:00	11:00	3.00	TRIP	ACTIVE	GIG WITH 238 JOINTS OF 2 7/8 PH-6 TUBING TO CLEAN OUT WELL
11:00	12:00	1.00	CIRC	ACTIVE	CIRCULATE HOLE WITH 260 BBL OF CLEAN BIOCIDAL WATER TO PREPARE FOR VIDEO CAMERA RUN
12:00	06:00	18.00			WELL SHUT IN



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 38 Date: 4/16/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS EAST		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$52,464	Cum To Date (Cost) \$3,559,752	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	17.71	\$52,464	\$1,590,714	\$4,797,520	\$3,206,807

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 100.73	Report Number 38	Report End Date 4/16/2013
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Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

TRAVEL TO LOCATION

24 Hour Forecast

POOH W/TBG

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:15	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG
07:15	08:45	1.50	SHUTDOWN	ACTIVE	WAIT ON WATER
08:45	10:00	1.25	TREAT	ACTIVE	RU ESCO PUMP TRK, PUMP 50 GALS OF DIESEL & FLUSH TO END OF TBG
10:00	17:15	7.25	WIRELINE	ACTIVE	RU CDK WL W/EV DOWNHOLE VIDEO CAMERA IN 2 7/8" PH-6 & RIH, STARTED PUMPING @ 500 FT - 1 BPM, CIRCULATING TO FRAC TANKS, WL SPEED OF 150'/MIN, INCREASED RATE TO 1.5 BPM @ 5000', INCREASED RATE TO 2 BPM @ 6,400', INCREASED RATE TO 3 BPM @ 6,700, STOPPED @ 7200' AND CORRELATED TO TBG COLLAR AND END OF TBG, WENT INTO CSG WITH CAMERA TOOL AND FOUND CSG COLLAR AND HOLE IN COLLAR @ 7,253', PULLED UP W/TBG, FILMING CSG, COULD NOT GET TO NEXT COLLAR, PULLED OUT OF HOLE WITH TOOLS. PULLED I JT OF TBG AND REPEATED PROCESS, FOUND NEXT COLLAR UP AND GOT GOOD PICTURE OF COLLAR, COLLAR LOOKED GOOD, POOH W/CAMERA TOOL
17:15	18:30	1.25	PULCOM	ACTIVE	POOH W/TBG, LAYING DOWN 50 JTS, LEFT 184 JTS IN HOLE, 5.704', SWI, SDFN
18:30	06:00	11.50	SHUTDOWN	ACTIVE	SDFN



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 39 Date: 4/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$13,955	Cum To Date (Cost) \$3,573,707	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	18.71	\$13,955	\$1,604,669	\$4,797,520	\$3,192,852

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	101.73	39	4/17/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM TRAVEL TO LOCATION	24 Hour Forecast WAITING ON ORDERS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:15	0.25	SAFETY	ACTIVE	PRE JOB SAFETY MTG
07:15	09:30	2.25	PULCOM	ACTIVE	300 PSI ON WELL, BLEED OFF & LAY DOWN 16 JTS, STAND BACK REMAINING TBG, (84 STDS) SWI.
09:30	12:00	2.50	INACTIVE	INACTIVE	WAIT ON ORDERS
12:00	15:00	3.00	PULCOM	ACTIVE	RIH W/TBG, LAYDOWN REMAINING 168 JTS, SWI
15:00	18:30	3.50	RIGSVC	ACTIVE	CHANGE OUT DRILL LINE & WINCH LINE ON ESCO RIG#235
18:30	06:00	11.50	SHUTDOWN	ACTIVE	SDFN



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 40 Date: 4/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$5,750	Cum To Date (Cost) \$3,579,457	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	19.71	\$5,750	\$1,610,419	\$4,797,520	\$3,187,102

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	102.73	40	4/18/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM WSI	24 Hour Forecast WAITING ON ORDERS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	RIGD	ACTIVE	ND BOP & RDMO W/ESCO RIG #235
08:00	06:00	22.00	INACTIVE	INACTIVE	WSI



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 41 Date: 4/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$59,630	Cum To Date (Cost) \$3,639,087	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	20.71	\$59,630	\$1,670,049	\$4,797,520	\$3,127,472

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 107.73	Report Number 41	Report End Date 4/23/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM WSI			24 Hour Forecast WAITING ON ORDERS		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	INACTIVE	INACTIVE	NO ACTIVITY
10:00	10:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING
10:15	12:00	1.75	RIGU	ACTIVE	RU HES WL, WELLTEC TRACTOR, & BTT PUMP TRK
12:00	22:30	10.50	LOG	ACTIVE	RIH W/ HES CAST LOGGING TOOL, WELLTEC TRACTOR, STARTED TRACTOR @ 6,550', GOT TO 12,274' AND STARTED LOGGING UP, KEPT 1200 TO 1500 PSI ON WELL W/BTT PUMP TRK, HAS LEAK OFF, HOLE IN CSG
22:30	23:30	1.00	RIGD	ACTIVE	OUT OF HOLE, SWI, RD WL, TRACTOR & PUMP TRK. MOVE TO 7H ON SAME PAD LOCATION.
23:30	06:00	6.50	INACTIVE	INACTIVE	WELL SHUT IN, WAITING ON ORDERS



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 42 Date: 5/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$21,606	Cum To Date (Cost) \$3,389,681	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	21.71	\$21,606	\$1,420,643	\$4,797,520	\$3,376,878

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	137.73	42	5/23/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM D/O CFP.	24 Hour Forecast TIH WITH PKR AND FIND HOLE IN CSG.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
08:00	08:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
08:15	10:45	2.50	RIGU	ACTIVE	MIRU ESCO WSU 238. SET PIPE RACKS AND UNLOAD 411 JTS OF 2-7/8" PH6 P110 WS.
10:45	13:45	3.00	SHUTDOWN	ACTIVE	WAIT ON MOTOR.
13:45	18:45	5.00	TRIP	ACTIVE	TIH OPEN ENDED WITH 250 JTS OF 2-7/8" WS. WHILE WAITING ON MOTOR.
18:45	22:45	4.00	TRIP	ACTIVE	TOOH WITH 125 STANDS OF TBG.
22:45	01:45	3.00	SHUTDOWN	ACTIVE	WAIT ON MOTOR.
01:45	04:45	3.00	TRIP	ACTIVE	PU AND TIH WITH USED 4-3/4" SB BIT 2-7/8" MOTOR AND 2-7/8" PH 6 P110 WS TO D/O 3 CFPS. TAGGED UP ON JT 413 (12,800')
04:45	06:00	1.25	RIGU	ACTIVE	MIRU BRIDGEPORT FISHING & RENTAL POWER SWIVEL AND BREAK CIRCULATION.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 43 Date: 5/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$39,410	Cum To Date (Cost) \$3,431,691	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	22.71	\$39,410	\$1,462,653	\$4,797,520	\$3,334,868

Daily Operations

Rig

ENERGY SERVICE, 238

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 138.73	Report Number 43	Report End Date 5/24/2013
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Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

TOOH WITH PKR AND PLUG TO CHECK CONDITION OF TOOLS

24 Hour Forecast

SET CBP AND ISOLATE CSG LEAK.

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	DRLG	ACTIVE	LOAD 2-7/8" TBG AND BREAK CIRCULATION. D/O CFP 1. AT 12,800' WITH JT 413. DRILLED PLUG OUT IN 8 MINS PUMP 2.75 BPM WITH 1,500 PSI ON TBG AND 100 PSI ON CSG.
07:00	08:00	1.00	DRLG	ACTIVE	CONTINUE WASHING & DRILLING DOWN TO CFP 2. TAGGED UP ON CFP 2 WITH JT 426 (13,218'). DRILLED OUT PLUG IN 13 MIN. PUMPING 2.75 BPM AITH 1,500 PSI ON TBG & 100 PSI ON CSG.
08:00	09:00	1.00	DRLG	ACTIVE	CONTINUE WASHING & DRILLING DOWN TO CFP 3. TAGGED UP ON CFP 3 WITH JT 434 (13,458'). DRILLED OUT PLUG IN 17 MIN. PUMPING 2.75 BPM AITH 1,500 PSI ON TBG & 100 PSI ON CSG.
09:00	10:00	1.00	DRLG	ACTIVE	CONTINUE WASHING & DRILLING DOWN TO CFP 4. TAGGED UP ON CFP 4 WITH JT 442 (13,698'). DRILLED OUT PLUG IN 15 MIN. PUMPING 2.75 BPM AITH 1,500 PSI ON TBG & 100 PSI ON CSG.
10:00	11:30	1.50	CIRC	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO 13,900' JT 447 THEN PUMP 2 10 BBL GEL SWEEPS TO CIRCULATE WELLBORE CLEAN.
11:30	12:00	0.50	RIGD	ACTIVE	RD POWER SWIVEL.
12:00	16:30	4.50	TRIP	ACTIVE	TOOH STANDING BACK 223 STANDS. LD 1 JT.
16:30	17:00	0.50	RIGD	ACTIVE	LD BIT AND MOTOR.
17:00	23:45	6.75	TRIP	ACTIVE	PU AND MU WEATHERFORD 5-1/2" CBP AND 5-1/2" PACKER. TIH WITH 317 JTS TO 9,820' AND CANT GET DOWN ANY DEEPER. PKR KEEPS SETTING AND PULLING STICKY. WORK PIPE UP AND DOWN SEVERAL TIMES. FINALLY GOT PIPE MOVING. TOOH TO CHECK CONDITION OF TOOLS.
23:45	05:00	5.25	SHUTDOWN	ACTIVE	SHUT DOWN DUE TOO HIGH WINDS AND LIGHTING.
05:00	06:00	1.00	TRIP	ACTIVE	CONTINUE TOOH WITH PKR AND PLUG TO CHECK CONDITION OF TOOLS.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 44 Date: 5/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$41,160	Cum To Date (Cost) \$3,472,851	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	23.71	\$41,160	\$1,503,813	\$4,797,520	\$3,293,708

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	139.73	44	5/25/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
TIH WITH CBP TO 13,000'			HUNT HOLE IN CSG AND MAKE C/O RUN.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	TRIP	ACTIVE	TOOH WITH PKR TO CHECK CONDITION OF TOOLS AND TO CONFRIM CBP SET EARLY. OOH WITH ALL TBG AND PKR. CBP SET IN HOLE AT 9,820'. WHEN TOOLS HUNG UP IN FILL.
08:00	11:00	3.00	TRIP	ACTIVE	PU AND TIH WITH USED 4-3/4" SB BIT AND 318 JTS OF TBG TO D/O CBP AT 9,820'.
11:00	12:00	1.00	DRLG	ACTIVE	TAGGED UP WITH JT 318 (9,820'). RU POWER SWIVEL AND DRILLED OUT CBP.
12:00	22:30	10.50	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING SAND & PLUG PARTS TO JT 426 (13,215').
22:30	00:45	2.25	CIRC	ACTIVE	PUMP TWO 50 BBL GEL SWEEPS AND CIRCULATE WELLBORE CLEAN WITH 300 BBLS OF FW AND BIO.
00:45	01:15	0.50	RIGD	ACTIVE	RD POWER SWIVEL.
01:15	02:45	1.50	TRIP	ACTIVE	TOOH WITH 4-3/4" BIT AND WS. OOH WITH 105 STANDS TO 6,705'.
02:45	04:00	1.25	CIRC	ACTIVE	RU ESCO PUMP AND CIRCULATE 150 BBLS OF HEAVY WATER TO KILL WELL.
04:00	05:00	1.00	TRIP	ACTIVE	OOH WITH ALL TBG AND BIT. LD BIT.
05:00	06:00	1.00	TRIP	ACTIVE	PU WEATHERFORD 5-1/2" CBP AND TIH TO SET CBP AT 13,000'. IN WITH 30 STANDS AT REPORT TIME.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 45 Date: 5/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$31,910	Cum To Date (Cost) \$3,504,761	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	24.71	\$31,910	\$1,535,723	\$4,797,520	\$3,261,798

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	140.73	45	5/26/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM SI	24 Hour Forecast SDFWE.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	TRIP	ACTIVE	CONTINUE TIH WITH WEATHERFORD 5-1/2" CBP ON 2-7/8" WS. IN HOLE WITH 390 JTS (12,132') AND PLUG STACKS OUT WON'T GO DOWN ANY DEEPER. RU ESCO PUMP AND PUMP DOWN BACKSIDE 3 BPM TO WASH PLUG AND TBG DOWN. WASHED DOWN 29 MORE JTS TO 419 JTS (13,000'). DROP BALL DOWN TBG AND PUMP 67 BBLS FW AND BIO TO SET CBP. PLUG SET WITH 2,800 PSI. PUMP 10 MORE BBLS TO BE SURE.
12:00	17:00	5.00	TRIP	ACTIVE	TOOH AND LD 29 JTS THAT WERE PICKED UP WASH DOWN CSG. THEN STAND BACK 195 STANDS. OOH WITH ALL TBG AND SETTING TOOL. SECURE WELL AND SDFWE.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	SDFWE.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 46 Date: 5/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$34,310	Cum To Date (Cost) \$3,539,071	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	25.71	\$34,310	\$1,570,033	\$4,797,520	\$3,227,488

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	143.73	46	5/29/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM HUNTING HOLES IN 5-1/2" CSG	24 Hour Forecast RUN CBL AND TRACTOR DOWN PLUG. THEN SET PATCH
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
07:00	07:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
07:15	10:15	3.00	TRIP	ACTIVE	PU AND TIH WITH WEATHERFORD 5-1/2" HD PKR AND 234 JTS OF 2-7/8" PH6 P110 WS TO 7,270.
10:15	15:30	5.25	CSG	ACTIVE	RU ESCO PUMP TRUCK AND LINES. TEST LINES. GOOD. TEST DOWN THE TBG AT 7,270' TO 7,500 PSI. WHILE PUMPING DOWN BACKSIDE MAINTAINING 3000 PSI. NO TEST ON EITHER SIDE. PU ONE JT AND MOVE TBG DOWN TO 7,300'. THEN TEST THE SAME WAY. NO GOOD. ALSO HAD COMMUNICATION BETWEEN PUMPS. PU 1 JT AND TEST AT 7,331'. NO GOOD. LD 2 JTS BACK TO 7,270' TEST DOWN TBG AT 7,000 PSI WHILE MAINTAINING 3,000 PSI ON BACKSIDE. NO TEST. PULL 1 STAND BACK TO 7,210' THEN TEST PKR DOWN BACKSIDE TO 4,000 PSI. NO TEST. PULL 28 STANDS TO 5,470 AND TEST PKR IN THE STRAIGHT HOLE. DOWN THE 5-1/2" CSG. NO TEST. DECIDED PACKER HAD FAILED. ORDERED ANOTHER PKR.
15:30	17:00	1.50	TRIP	ACTIVE	TOOH WITH TBG AND PACKER. OOH WITH ALL TBG AND PKR. BOTTOM ELEMENT ON PACKER WAS DAMAGED.
17:00	18:30	1.50	SHUTDOWN	ACTIVE	WAIT ON NEW PKR TO BE SENT.
18:30	20:30	2.00	TRIP	ACTIVE	PU ANOTHER WEATHERFORD 5-1/2" HD PACKER AND TIH WITH 176 JTS TO 5,470'. TEST PACKER TO 4,000 PSI DOWN THE 5-1/2" CSG. GOOD TEST.
20:30	22:00	1.50	TRIP	ACTIVE	CONTINUE TIH WITH PACKER AND TBG TO 7,270' (234 JTS). TEST AS PLANED. 7,500 PSI DOWN TBG WHILE HOLDING 3,000 PSI ON BACK SIDE. TBG WOULD NOT TEST. CSG WOULD HOLD 4,000 PSI. TIH WITH ONE STAND TO 7,332' (JT 236). TEST DOWN TBG TO 7,500 PSI. WHILE MAINTAINING 3,000 PSI ON BACKSIDE PUMPING 1 BPM AT 3,000PSI. TBG WOULD ONLY BUILD UP TO 2,600 PSI @ 1.5 BPM. PUMPED 14 BBLs. NO TEST EITHER SIDE.
22:00	23:30	1.50	TRIP	ACTIVE	TIH WITH 5 MORE STANDS TO 7,642' (7,642'). TEST DOWN TBG TO 7,500 PSI. TBG WOULD ONLY BUILD TO 3,500 PSI AT 3.5 BPM. FOUND THAT THE PUMP ON THE TBG WAS LEAKING BY. SWITCH PUMPS AROUND STILL NO TEST BUT THE CSG PUMP WAS NOT LEAKING.
23:30	00:30	1.00	TRIP	ACTIVE	TOOH WITH 6 STANDS TO 7,270' (JT 234) AND TEST CSG TO 4,000 PSI. TO MAKE SURE PACKER IS STILL HOLDING. GOOD TEST ON CSG. PU 1 JT TO 7,301' AND RETEST CSG TO 4,000 PSI. NO TEST CSG TAKING FLUID AT 1.5 BPM AT 3,600 PSI.
00:30	04:30	4.00	TRIP	ACTIVE	TIH WITH PACKER AND WS TO CBP AT 13,000'. WHILE TIH PKR TAGGED UP ON FILL OR TRASH AND WOULD NOT GO DOWN PAST JT 360 (11,177'). TRIED TO SET PKR AND PACKER HAND COULD NOT GET PACKER TO SET. TOOH AND GET PACKER TO SET WITH JT 351 (10,896'). RU PUMP ON TBG AND PRESSURE UP TO 7,100 PSI. WHILE HOLDING 3,000 PSI ON CSG. GOOD TEST. ON TBG.
04:30	05:30	1.00	TRIP	ACTIVE	TOOH WITH 12.5 STANDS TO JT 326 (10,122'). THEN TEST DOWN TBG TO 7,000 PSI WHILE HOLDING 3,000 PSI ON BACK SIDE. GOOD TEST ON TBG. RATE ON BACKSIDE 3 BPM AT 3,000 PSI.
05:30	06:00	0.50	TRIP	ACTIVE	TOOH WITH 20 STANDS TO JT 286 (8,883') AT REPORT TIME.



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 47 Date: 5/30/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$34,310	Cum To Date (Cost) \$3,573,381	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	26.71	\$34,310	\$1,604,343	\$4,797,520	\$3,193,178

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	144.73	47	5/30/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM SI	24 Hour Forecast RUN CBL AND SET CSG PATCH
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	TRIP	ACTIVE	CONTINUE TOOH WITH 20 STANDS TO JT 286 (8,883'). TEST DOWN TBG PUMPING 3 BPM AT 4,000 PSI. NO TEST.
06:30	08:30	2.00	TRIP	ACTIVE	TIH WITH 10 STANDS TO JT 306 (9,498'). TEST DOWN TBG TO 7,000 PSI. GOOD TEST. HOLD 3,000 PSI ON BACKSIDE WITH 3 BPM @ 3,000 PSI.
08:30	09:00	0.50	TRIP	ACTIVE	TOOH WITH 5 STANDS TO JT 296 (9,187'). TEST DOWN TBG TO 7,000 PSI. GOOD TEST. HOLD 3,000 PSI ON BACKSIDE WITH 3 BPM @ 3,000 PSI.
09:00	09:30	0.50	TRIP	ACTIVE	TOOH WITH 1 STANDS TO JT 294 (9,125'). TEST DOWN TBG TO 7,000 PSI. GOOD TEST. HOLD 3,000 PSI ON BACKSIDE WITH 3 BPM @ 3,000 PSI.
09:30	10:00	0.50	TRIP	ACTIVE	TOOH WITH 1 STANDS TO JT 292 (9,066'). TEST DOWN TBG TO 7,000 PSI. GOOD TEST. HOLD 3,000 PSI ON BACKSIDE WITH 3 BPM @ 3,000 PSI.
10:00	10:30	0.50	TRIP	ACTIVE	TOOH WITH 2 STANDS TO JT 288 (8,945'). TEST DOWN TBG TO 7,000 PSI. NO GOOD. TBG WON'T BUILD PRESSURE TAKING FLUID 2.5 BPM AT 3,600 PSI.
10:30	11:00	0.50	TRIP	ACTIVE	TIH WITH 1 STANDS TO JT 290 (9,003'). TEST DOWN TBG TO 7,000 PSI. NO GOOD. TUBING TAKING FLUID 3 BPM AT 3,000 PSI.
11:00	11:30	0.50	TRIP	ACTIVE	TIH WITH 1 JT TO JT 291 (9,035'). TEST DOWN TBG TO 7,000 PSI. NO TEST. TBG TAKING FLUID AT 3,000 PSI AT 2.5 BPM.
11:30	12:15	0.75	TRIP	ACTIVE	PU 28' OF SUBS AND TEST DOWN TBG AT 9,058'. TEST TO 7,000 PSI. GOOD TEST. HELD 3,000 PSI ON BACKSIDE. 3 BPM AT 3,000 PSI.
12:15	12:45	0.50	TRIP	ACTIVE	LD 1 8' SUB AND TEST DOWN TBG WITH JT 291 AT 9,050' TO 7,000 PSI. GOOD TEST WHILE HOLDING 3,000 PSI ON BACK SIDE. 3 BPM AT 3,000 PSI.
12:45	13:30	0.75	TRIP	ACTIVE	LD 1 10' SUB AND TEST TBG TO 7,000 PSI AT 9,040 WITH JT 291. NO GOOD. TBG WAS TAKING FLUID AT 3 BPM AT 3,000 PSI. BOTTOM OF HOLE AROUND 9,040'.
13:30	15:30	2.00	TRIP	ACTIVE	TOOH WITH 56 JTS TO 7,301' WITH 235 JTS. THEN TEST BACKSIDE FROM 7,301- 7,279. FOUND TOP HOLE AT 7,279'. TESTED CSG WITH 4,000 PSI. GOOD.
15:30	17:30	2.00	TRIP	ACTIVE	TOOH WITH ALL TBG AND PACKER. OOH WITH TOOLS. SECURE WELL AND SDFN.
17:30	06:00	12.50	SHUTDOWN	ACTIVE	SDFN. WILL MAKE TRACTOR RUN WITH RCBL NEXT AM.



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 48 Date: 5/31/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$97,897	Cum To Date (Cost) \$3,668,328	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	27.71	\$97,897	\$1,699,290	\$4,797,520	\$3,098,231

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	145.73	48	5/31/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM TOOH WITH PKR	24 Hour Forecast RUN CSG PATCH.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
07:00	07:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
07:15	11:00	3.75	RIGU	ACTIVE	MIRU API WL , WELLTEC TRACTOR SERVICES AND WEATHERFORD PLUG HAND. TO SET CBP AT 9,100' THEN MAKE COLLAR LOG BACK TO MARKER JOINT.
11:00	13:30	2.50	LOG	ACTIVE	PU AND RIH WITH WL, TRACTOR AND WEATHERFORD 5-1/2" 10K CBP TO 6,750'. THEN TRACTOR QUIT WORKING. POOH TO MAKE REPAIRS ON EQUIPMENT.
13:30	14:15	0.75	RIGU	ACTIVE	OOH WITH ALL WL AND TOOLS. WELLTEC MADE REPAIRS TO THEIR EQUIPMENT AND API REHEADED ALL TOOLS WORKING AGAIN.
14:15	21:45	7.50	LOG	ACTIVE	PU AND RIH WITH WL, TRACTOR AND WEATHERFORD 5-1/2" 10K CBP TO 9,310'. PU AND GET PLUG ON DEPTH. SET CBP AT 9,100'. POOH WITH SETTING TOOL AND TRACTOR LOGGING COLLARS TO 5,290'. MARKER JOINT WAS AT 5,554'-5,576'. RDMO API WL AND WELLTEC TRACTOR.
21:45	01:45	4.00	TRIP	ACTIVE	PU AND TIH WITH WEATHERFORD 5-1/2" HD PACKER AND 2-7/8" PH6 P110 WS TO TAG CBP AT 9,110'. TALLY TBG ON THE WAY IN HOLE. TAGGED UP ON CBP WITH JT 294 (9,110') 15' IN. LD 1JT TO 293 (9,095'). TEST DOWN TBG TO 7,000 PSI. GOOD. HOLD 3,000 PSI ON BACKSIDE PUMPING 2 BPM AT 3,000 PSI.
01:45	02:45	1.00	TRIP	ACTIVE	PULL OUT 1 JT TO 293 (9,066') TEST DOWN TBG TO 7,000 PSI. GOOD TEST. HELD 3,000 PSI ON BACKSIDE PUMPING 2 BPM AT 3,000 PSI.
02:45	03:15	0.50	TRIP	ACTIVE	PU 15' TO JT 292 (9,051') AND TEST DOWN TBG TO 7,000 PSI. GOOD TEST. WHILE HOLDING 3,000 PSI ON BACKSIDE. PUMPING 3 BPM AT 3,000 PSI.
03:15	03:45	0.50	TRIP	ACTIVE	PU 9' TO JT 292 (9,039') AND TEST DOWN TBG TO 7,000 PSI.. NO TEST. TBG TAKING FLUID AT 1 BPM AT 3,000 PSI.
03:45	04:00	0.25	TRIP	ACTIVE	TIH 5' TO JT 292 (9,044') TRY AND TEST TBG TO 7,000 PSI. NO TEST. TBG TAKING FLUID 1.5BPM AT 3,000 PSI.
04:00	04:30	0.50	TRIP	ACTIVE	TIH TO JT 292 (9,046') TEST DOWN TBG TO 7,000 PSI. GOOD TEST. WHILE HOLDING 3,000 PSI ON BACKSIDE. PUMPING 3 BPM AT 3,000 PSI. HOLE BETWEEN 9,044'-9,046'.
04:30	06:00	1.50	TRIP	ACTIVE	RELEASE PACKER AND TOOH WITH WS AND PKR. TOOH AT REPORT TIME.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 49 Date: 6/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$96,474	Cum To Date (Cost) \$3,757,452	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	28.71	\$96,474	\$1,788,414	\$4,797,520	\$3,009,107

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	146.73	49	6/1/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM		24 Hour Forecast			
SI.		SDFWE			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRIP	ACTIVE	TOOH WITH TBG AND PACKER. OOH WITH ALL TBG AND PACKER.
07:00	09:30	2.50	TRIP	ACTIVE	PU AND TIH WITH 4.767" MILL AND WS. TAGGED UP ON CBP AT 9,110' WITH JT 294.
09:30	10:30	1.00	CIRC	ACTIVE	PUMP TWO 20 BBL GEL SWEEPS AND CIRCULATE WELL BORE CLEAN.
10:30	13:30	3.00	TRIP	ACTIVE	TOOH WITH MILL AND TBG. OOH WITH ALL 294 JTS AND MILL.
13:30	17:00	3.50	TRIP	ACTIVE	PU ENVENTURE 4-1/4" X 5-1/2" 17# CHL AND TIH WITH 146 STANDS FROM DERRICK TO CBP AT 9,110'. TAGGED CBP AT 9,110'.
17:00	18:00	1.00	PATCH	ACTIVE	ON DEPTH W/PATCH, AT 9,021'-9,068' RU ESCO PUMP TRUCK AND TEST PUMP & LINE TO 5,000 PSI. GOOD TEST. PUMP 53 BBLs OF FW AND BIO DOWN 2-7/8" TBG TO BE SURE TBG IS CLEAR OF ALL TRASH. SD AND DROP BALL & LET FALL 20 MIN, PUMP FW DOWN TBG AT 1 BPM TO SEAT BALL. THE BALL SEATED BROUGHT TBG PRESSURE TO 4,500 PSI. STARTED WORKING EXPANSION CONE THRU CHL TO SET PATCH. PULLED EXPANSION CONE ALL THE WAY THRU CHL. PATCH SET. TOP OF CHL (PATCH) @9,026'-9,068'.
18:00	21:00	3.00	TRIP	ACTIVE	TOOH WITH TBG AND SETTING TOOLS. OOH WITH ALL TBG AND SETTING TOOLS.
21:00	23:30	2.50	TRIP	ACTIVE	PU WEATHERFORD 5-1/2" HD PACKER AND TIH TO 7,400' WITH JT 238. TEST DOWN THE TBG TO 4,000 PSI. NO TEST. TBG TAKING FLUID AT 1.5 BPM 3,200 PSI.
23:30	00:30	1.00	TRIP	ACTIVE	CONTINUE TIH WITH PACKER TO TEST PATCH. WITH JT 290 (9,003'). TESTED TO 4,000 PSI DOWN TBG. GOOD TEST.
00:30	02:00	1.50	TRIP	ACTIVE	PU TO JT 266 (8,255'). THEN TEST DOWN THE TBG TO 4,000 PSI. GOOD TEST. GOOD CSG FROM 8,255'-TOP OF PATCH.
02:00	02:45	0.75	TRIP	ACTIVE	PULL UP 4' STILL ON JT 266 TO 8,251'. AND TEST DOWN THE TBG TO 4,000 PSI. NO TEST. PRESSURE WILL BUILD TO 4,000 PSI BUT FALLS OFF 2,000 PSI IN 30 SECONDS.
02:45	06:00	3.25	TRIP	ACTIVE	TOOH WITH PACKER AND TBG. OOH WITH ALL TBG AND PACKER. SECURE WELL AND SDFWE.



Partner Report

Report # 50 Date: 6/4/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS EAST		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$59,410	Cum To Date (Cost) \$3,816,862	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	29.71	\$59,410	\$1,847,824	\$4,797,520	\$2,949,697

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	149.73	50	6/4/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
POOH.			RUN CSG PATCH.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SHUTDOWN	ACTIVE	DROVE TO LOCATION. HELD PJSM.
08:00	08:30	0.50	PCHECK	ACTIVE	SICP 0 PSI. SISCPC 0 PSI.
08:30	09:00	0.50	TRIP	ACTIVE	PREP TO RUN CSG PATCH.
09:00	13:30	4.50	CSG	ACTIVE	RIH W/ ENVENTURE 4-1/4" X 5-1/2" 17# INTERNAL CSG PATCH & 265 JTS 2 7/8" WS. SET CSG PATCH FROM 8,278' UP TO 8,231'. NOTE - CSG PATCH ID WILL BE 4.210" W/ DRIFT OF 4.151".
13:30	16:00	2.50	TRIP	ACTIVE	POOH W/ WS & SETTING.
16:00	20:00	4.00	TRIP	ACTIVE	RIH W/ PKR & WS. SET PKR @ 8,225'. TESTED DOWN WS TO 4000 PSI FOR 15 MIN. RELEASED PKR. WORKED PKR UP HOLE TESTING @ DIFFERENT INTERVALS. LAST GOOD TEST TO 4,000' @ 8,203'. PULLED PKR UP TO 8,198' & PRESSURED UP TO 4000 PSI FALLING TO 2100 PSI IN 1 MIN. RELEASED PKR. SWI.
20:00	06:00	10.00	SHUTDOWN	ACTIVE	SDFN.



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 51 Date: 6/5/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS EAST		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$15,910	Cum To Date (Cost) \$3,832,772	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	30.71	\$15,910	\$1,863,734	\$4,797,520	\$2,933,787

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	150.73	51	6/5/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
RIH W/ CSG PATCH.			REPAIR CSG.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SHUTDOWN	ACTIVE	DROVE TO LOCATION. HELD PJSM.
08:00	08:30	0.50	PCHECK	ACTIVE	SITP 0 PSI. SICP 0 PSI. SISCOP 0 PSI.
08:30	11:30	3.00	TRIP	ACTIVE	PULLED PKR UP HOLE TO REISOLATE HOLES IN 5 1/2" CSG. SET PKR @ 7,281'. ATTEMPTED TO TEST TO 5000 PSI W/ NO SUCCESS. MOVED PKR UP TO 7,278'. TESTED CSG TO 5000 PSI FOR 15 MIN.
					NOTE - ALL TESTING DOWN ON ANNULUS SIDE.
11:30	14:00	2.50	TRIP	ACTIVE	POOH W/ WS & PKR. SWI.
14:00	06:00	16.00	SHUTDOWN	ACTIVE	SDFN.



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 52 Date: 6/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$224,210	Cum To Date (Cost) \$4,056,982	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	31.71	\$224,210	\$2,087,944	\$4,797,520	\$2,709,577

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	151.73	52	6/6/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM RIH.	24 Hour Forecast DRILL SHOE & CBP.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SHUTDOWN	ACTIVE	DROVE TO LOCATION. HELD PJSM.
07:00	07:30	0.50	PCHECK	ACTIVE	SICP 0 PSI. SISCOP 0 PSI.
07:30	11:00	3.50	RIGU	ACTIVE	RU CSG CREW & PREP TO PICKUP CSG LINER.
11:00	20:00	9.00	RUNCOM	ACTIVE	RIH W/ ENVENTURE 4-1/4" X 5-1/2" 17# INTERNAL CSG PATCH & 230 JTS 2 7/8" WS.
20:00	01:30	5.50	WLHEAD	ACTIVE	SET CSG PATCH FROM 8,230' UP TO 7,186'. TESTED CSG TO 4000 PSI FOR 15 MIN.
					NOTE - CSG PATCH ID WILL BE 4.210" W/ DRIFT OF 4.151".
01:30	05:00	3.50	TRIP	ACTIVE	POOH W/ WS & SETTING TOOLS.
05:00	06:00	1.00	TRIP	ACTIVE	RIH W/ 4 1/8" BEAR CLW MILL & 2 7/8" WS @ REPORT TIME.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 53 Date: 6/7/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS EAST		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$34,710	Cum To Date (Cost) \$4,091,692	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	32.71	\$34,710	\$2,122,654	\$4,797,520	\$2,674,867

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	152.73	53	6/7/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM DRILLING OUT CBP.	24 Hour Forecast TCP.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	TRIP	ACTIVE	FINISHED RIH W/ MILLS & WS. TAGGED 8,231' W/ 265 JTS WS IN HOLE.
08:00	09:30	1.50	DRLG	ACTIVE	DRILLED OUT SHOE @ 8,231'. PLUGGED BIT OFF. UNABLE TO UNPLUG BIT.
09:30	12:00	2.50	TRIP	ACTIVE	POOH W/ WS & MILLS.
12:00	15:00	3.00	TRIP	ACTIVE	RIH W/ 4 1/8" BEAR CLAW MILL, STRING MILL & WS.
15:00	19:00	4.00	DRLG	ACTIVE	FINISHED REAMING OUT SHOE @ 8,231'. DRILLED OUT & REAMED SHOES @ 8,278' & 9,068'. UNABLE TO CIRCULATE CLEAN DUE TO PLUGGED OFF BIT.
19:00	22:00	3.00	TRIP	ACTIVE	POOH W/ WS & MILLS.
22:00	00:00	2.00	BOPS	ACTIVE	RD RIG FLOOR. ND BOP & DRILL OUT EQUIPMENT.
00:00	02:00	2.00	RIGU	ACTIVE	MIRU HES ISOLATION TOOL. TESTED 5 1/2" CSG TO 7000 PSI FOR 3 MIN. RD ISOLATION TOOL.
02:00	04:00	2.00	RIGU	ACTIVE	NU BOP & DRILL OUT EQUIPMENT. TESTED CSG & BOP TO 5000 PSI FOR 15 MIN. RU RIG FLOOR.
04:00	06:00	2.00	TRIP	ACTIVE	RIH W/ MILL & WS @ REPORT TIME.



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 54 Date: 6/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$21,410	Cum To Date (Cost) \$4,113,102	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	33.71	\$21,410	\$2,144,064	\$4,797,520	\$2,653,457

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	153.73	54	6/8/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM SDFW.	24 Hour Forecast TCP STG 5.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	TRIP	ACTIVE	FINISHED RIH W/ MILL & 2 7/8" WS. TAGGED CBP @ 9,100' W/ 294 JTS IN HOLE.
07:30	08:00	0.50	DRLG	ACTIVE	DRILLED OUT CBP @ 9,100'.
08:00	09:00	1.00	CIRC	ACTIVE	CIRCULATED HOLE CLEAN W/ GEL SWEEP & BIO WATER.
09:00	12:00	3.00	TRIP	ACTIVE	CONTINUED DRILLING & CIRCULATING TO CFP @ 13,000' W/ 419 JTS WS IN HOLE.
12:00	14:00	2.00	CIRC	ACTIVE	CIRCULATED HOLE CLEAN W/ GEL SWEEP & BIO WATER.
14:00	18:00	4.00	TRIP	ACTIVE	POOH W/ WS & MILL. SWI.
18:00	06:00	12.00	SHUTDOWN	ACTIVE	SDFN.



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 56 Date: 6/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$28,910	Cum To Date (Cost) \$4,163,422	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.29	\$0	\$1,969,039	\$1,590,000	(\$379,039)
COMPLETION	35.71	\$28,910	\$2,194,384	\$4,797,520	\$2,603,137

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	156.73	56	6/11/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM SHUT IN	24 Hour Forecast RDMO. WAIT ON FRAC.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION. HELD PJSM.
07:00	13:00	6.00	TRIP	ACTIVE	RIH W/ API TCP GUNS AND 417 JTS. RU SWIVEL AND SWIVEL FINAL 18 JTS IN HOLE.
13:00	13:30	0.50	PERF	ACTIVE	PERFORATE STG 5 FRAC. W/ 4 CLUSTERS OF 3 3/8 GUNS, 6 SPF. 60 DEG PHASEING, 25 GRAM CHARGES @ 12,964' - 12,966' (12 HOLES), 12904' - 12,906' (12 HOLES), 12,844' - 12,846' (12 HOLES), 12784' - 12786' (12 HOLES). GUNS FIRED @ 1,900 PSI. PUMPED 3 BPM, MAX PRESSURE 3,000 PSI. PUMPED TOTAL 10 BBLS. ISIP 2,400 PSI. BLED PRESSURE DOWN TO 0 PSI.
13:30	17:00	3.50	TRIP	ACTIVE	POH LAYING DOWN 212 JTS OF 2 7/8 PH6 TBG LEAVING 205 JTS IN HOLE. EOT @ 6,334'.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	SDFN. FTR = 18,830 BBLS.



Partner Report

Report # 57 Date: 7/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$15,050	Cum To Date (Cost) \$4,184,772	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 183.73	Report Number 57	Report End Date 7/8/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM WAITING ON WTR TRANSFER			24 Hour Forecast FRAC		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	RIGU	ACTIVE	RU TRICAN FRAC CREW AND API PERFORATERS AND ALL OTHER VENDORS TO RESTART FRAC PROCESS



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 58 Date: 7/9/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$99,686	Cum To Date (Cost) \$4,284,458	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig											
ENERGY SERVICE, 238											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	184.73	Report Number	58	Report End Date	7/9/2013
Last Casing String											
PRODUCTION, 14,068.0ftKB											
Status at 6 AM						24 Hour Forecast					
						CONT TO FRAC					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	SHUTDOWN	ACTIVE	WAIT ON WTR TRANSFER
11:00	15:15	4.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG 5 PERFS @ 12,784'-12,966' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID,218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. SC OPEN. SICP 1,726 PSI.BRK 3,179. @ 15 BPM. PUMPED JOB AS FOLLOWS: 5,659 BBL CLEAN FLUID, 99,140 LBS PREMIUM 100 MESH SAND & 127,960 LBS PREMIUM 40/70 SAND, MAX PRESSURE 7,489 PSI. AVG PRESSURE 5,819 PSI. AVG RATE 75 BPM. FSIP=2,981 PSI, FG=.91
15:15	21:45	6.50	PERF	ACTIVE	RIH W/MAGNUM LONG RANGE 5-1/2" CFP & 4 EA API 3 1/8" PERF GUNS TO 8,254' WLM WHERE PLUG STOPPED. PU AND MADE SECOND ATTEMPT WITH SAME RESULTS. POOH WITH LIVE GUNS. SAFETY MEETING ON CELL PHONE WITH LIVE GUNS. LD PLUG AND GUNS. PLUG GUIDE CONE WAS CRUSHED WHEN HIT UNKNOWN OBSTRUCTION IN AREA OF SECOND PATCH. USED 104 BBL FRESH WATER DURING PUMP DOWN ATTEMPT.
21:45	06:00	8.25	INACTIVE	INACTIVE	W/O WELL TEC TRACTOR AND CONTINUE FRAC ON 7H.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 59 Date: 7/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$196,684	Cum To Date (Cost) \$4,481,142	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 185.73	Report Number 59	Report End Date 7/10/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM POOH WITH WIRELINE.			24 Hour Forecast CONT TO STAGE FRAC		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:45	4.75	SHUTDOWN	ACTIVE	WAITING FOR COMPLETION OF TRACTOR RUN ON #7 WELL
10:45	20:15	9.50	PERF	ACTIVE	RIH W/WELLTEC TRACTOR,MAGNUM LONG RANGE 5-1/2" CBP & 4 EA API 3 1/8" PERF GUNS, TIED IN W/MARKER JT @ 5,555', STARTED TRACTOR @ 6,524', GOT THROUGH PATCHES FROM 7,186'-8,230 & 8,231'-8,268' , STOPPED MOVING @ 9,050' ' WHICH IS THE BOTTOM OF THE 3RD PATCH, STARTED PUMPDOWN AND GOT TO 10,330' AND IT STOPPED, STATRED TRACTOR AGAIN AND GOT TO DEPTH, SET PLUG @ 12,754', TESTED PLUG TO 5000 PSI AND HELD FOR 5 MIN, LOST 300 PSI, BLED PSI TO 4000 PSI AND SHOT PERFS AS FOLLOWS: 12,544' - 12,546' (12 HOLES) 12,604' - 12,606' (12 HOLES) 12,664' - 12,666' (12 HOLES) 12,724' - 12,726' (12 HOLES) 48 HOLES TOTAL, POOH, LAST GUN NOT FIRED, SWITCH BAD, REPAIRED, CHECKED OUT THE TRACTOR, RIH TO SHOOT LAST GUN, USED COMBINATION OF PUMP AND TRACTOR TO GET DOWN. SHOT GUN AT 12,724'-12,726'. POOH. TOTAL OF 448 BBL USED FOR PUMP DOWN.
20:15	23:45	3.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG 6 PERFS @ 12,544'-12,726' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID,218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1760 PSI FORMATION BROKE DOWN AT 5896 PSI @ 30 BPM PUMPED 2,000 GALS 7.5% HCL ACID MAX PRESSURE= 5896 PSI AVG PRESSURE= 4295 PSI AVG RATE= 80 BPM ISIP= 3.005 PSI FG= 0.91 PSI/FT CLEAN FLUID TTL= 4995 BBLs 100 MESH TTL= 127,820 LBS 40/70 OTTAWA SAND TTL= 99,620 LBS
23:45	06:00	6.25	PERF	ACTIVE	RIH WITH WELL TEC TRACTOR, MAGNUM LONG RANGE CBP AND API 3 1/8" GUNS. SET CBP AT 12,514' AND PERFERD AS FOLLOWS: 12,304' - 12,306' 12,364' - 12,366' 12,424' - 12,426' 12,484' - 12,486' POOH, CONFIRMED ALL GUNS FIRED. USED 167 BBL FOR PUMP DOWN.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 60 Date: 7/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$249,409	Cum To Date (Cost) \$4,735,031	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 186.73	Report Number 60	Report End Date 7/11/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM WAITING ON COMPLETION OF #7, WSI		24 Hour Forecast WSI			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	PERF	ACTIVE	CONT POOH W/WL, LD TOOLS & GUNS, CONFIRMED AT SURFACE THAT ALL SHOTS FIRED
07:00	09:30	2.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & SELECT WTR TRANSFER TO FRAC STG 7 PERFS @ 12,304'-12,486' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID,218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND. STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1630 PSI FORMATION BROKE DOWN AT 3,944 PSI @ 30 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PRESSURE= 4,515 PSI AVG PRESSURE= 4,168 PSI AVG RATE= 80 BPM ISIP= 2,343 PSI FG= 0.91 PSI/FT CLEAN FLUID TTL= 5,368 BBLS 100 MESH TTL= 98,680,820 LBS 40/70 OTTAWA SAND TTL= 127,360 LBS
09:30	14:00	4.50	PERF	ACTIVE	RIH WITH WELL TEC TRACTOR, MAGNUM LONG RANGE CBP AND API 3 1/8" GUNS, TIED IN TO MARKER JT @ 5,555', STARTED PUMPDOWN, LOST TENSION AND SHUTDOWN PUMPS, STARTED TRACTOR @ 6,563', @ 7,315', SHUTDOWN TRACTOR AND STARTED PUMPING DOWN, SET DOWN @ 8,238', SHUTDOWN PUMPS, STUCK @ 8,278' WITH PLUG, TRIED WORKING AND TRACTORING, STILL STUCK, PULLED TENSION INTO AND SET PLUG @ 8,278', PLUG SET AND CAME FREE WITH TRACTOR, GUNS & SETTING TOOL, POOH, USED 139 BBL FOR PUMP DOWN.
14:00	22:00	8.00	RIGD	ACTIVE	RD FRAC, WL & RELATED SERVICES AND MOVE TO THE UNIVERSITY 51-10 # 10H, WILL MOVE OVER TO WITH COIL UNIT WHEN COMPLETED WITH THE 7H
22:00	06:00	8.00	SHUTDOWN	ACTIVE	WAITING ON COMPLETION OF THE # 7 FLTR- 52,038 BBLS



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 61 Date: 7/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$74,641	Cum To Date (Cost) \$4,810,004	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	187.73	61	7/12/2013

Last Casing String PRODUCTION, 14,068.0ftKB	
Status at 6 AM WSI	24 Hour Forecast PERFORM STAGE 8 PUMPDOWN

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	RIGU	ACTIVE	RU 2 3/8" IPS COIL UNIT & PUMP
08:00	08:45	0.75	BHA	ACTIVE	MU OLD SCHOOL DUAL 2.875" FLAPPER CHECK VALVE, 2.875" JARS, 2.875" DISCONNECT, 2.88" CIRC SUB, 2.88" AGITATOR, 2.88" MOTOR, 3.75" JZ BIT.
08:45	09:00	0.25	LKOFF	ACTIVE	RU TO WELLHEAD & TEST LINES TO 4500 PSI
09:00	16:00	7.00	DRLG	ACTIVE	RIH TO 5,600' CTM AT 1.5 BPM I/O WITH 2600 PSI CIRC PSI AND 800 PSI WHP. WEIGHT CHECK. CIH AND TAGGED PLUG AT 8,262' CTM. D/O PLUG IN 36 MIN, WORKED THROUGH SEVERAL TIMES, CIH AND SAW NO FURTHER INDICATION OF RESISTANCE TO TOP PERF AT 12,304' CTM, PUMPED 10 BBL SWEEP, WAITED 6 MIN FOR SWEEP TO EXIT CT. POOH SLOWLY KEEPING SWEEP AHEAD OF TOOLS, LD MOTOR AND BIT. BIT HAD LIGHT WEAR ON OUTSIDE EDGE AND LIGHT WEAR ON THE CONES.
16:00	17:45	1.75	RIGD	ACTIVE	RD IPS COIL UNIT AND MOVE TO # 4 LOCATION FOR STANDBY
17:45	06:00	12.25	SHUTDOWN	ACTIVE	SWI, SDFN



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 62 Date: 7/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$6,750	Cum To Date (Cost) \$4,816,754	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	188.73	62	7/13/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	SHUTDOWN	ACTIVE	WSI, NO ACTIVITY



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 63 Date: 7/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$136,835	Cum To Date (Cost) \$4,951,179	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 189.73	Report Number 63	Report End Date 7/14/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM POOH W/COIL TBG			24 Hour Forecast WSI, NO ACTIVITY, READY TO FRAC		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	SHUTDOWN	ACTIVE	WSI
12:00	13:30	1.50	RIGU	ACTIVE	RU IPS 2 3/8" COIL UNIT
13:30	13:45	0.25	BHA	ACTIVE	MU OLD SCHOOL DUAL 2.875" FLAPPER CHECK VALVE, 2.875" JARS, 2.875" DISCONNECT, 2.88" CIRC SUB, 2.88" AGITATOR, 2.88" MOTOR, 4" JZ BIT, TO WELD ON 2.75" COIL CONNECTOR
13:45	14:00	0.25	LKOFF	ACTIVE	TEST LINES & TBG TO 4500 PSI, GOOD TEST
14:00	18:00	4.00	DRLG	ACTIVE	RIH TO 5,600' CTM AT 1.5 BPM I/O WITH 3400 PSI CIRC PSI AND 1200 PSI WHP. WEIGHT CHECK. CIH AND TAGGED SOME BOBBLES @ 8,000', 8,095' & 8,124' CTM. CONT. RIH AND SAW NO FURTHER INDICATION OF RESISTANCE TO TOP PERF AT 12,304' CTM, PUMPED TWO 10 BBL SWEESP, WAITED 6 MIN FOR SWEEP TO EXIT CT. POOH SLOWLY KEEPING SWEEP AHEAD OF TOOLS, LD MOTOR AND BIT.
18:00	18:45	0.75	BHA	ACTIVE	LD MOTOR, BIT, AGITATOR & CIRC SUB, PU & MU MAGNUM 5 1/2" LONG RANGE PLUG ON SETTING TOOL.
18:45	00:15	5.50	RUNCOM	ACTIVE	RIH W/ PLUG, ON DEPTH, DROP BALL AND PUMP DOWN TO SEAR AND SET PLUG @ 12,274', TESTED TO 5000 PSI, HELD FOR 7 MIN AND LOST 450 PSI, PRESSURED BACK UP TO 500 PSI AND LOST 375 PSI IN 5 MIN, BLED DOWN TO 1200 PSI AND POOH
00:15	00:45	0.50	BHA	ACTIVE	LD MAGNUM SETTING TOOL & PU CDK 3 1/8" TCP GUNS 4 EA, 6-SPF,60 DEGREE PHAZING,21 GRAM CHARGE
00:45	06:00	5.25	PERF	ACTIVE	RIH TO PERFORATE, ON DEPTH W/ GUNS, DROP BALL & PUMP DOWN TO SEAT BALL AND FIRE 1ST, GUN @ 12,244', PULL UP REMAINING GUNS ON TIME DELAY, @ 12,184', 12,124' & 12,064', ALL FIRED, POOH, CONFIRMED ALL FIRED ON SURFACE ALSO. FLTR- 41,912 BBLs



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 64 Date: 7/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$6,550	Cum To Date (Cost) \$4,957,729	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	190.73	Report Number	64	Report End Date	7/15/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM WSI	24 Hour Forecast WSI, READY TO FRAC STAGE 8
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	RIGD	ACTIVE	RDMOL W/ IPS COIL UNIT & OLD SCHOOL TOOLS
09:00	06:00	21.00	SHUTDOWN	ACTIVE	WSI, READY TO FRAC STAGE 8

**UNIVERSITY 52-10 8H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 65 Date: 7/19/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$275,696	Cum To Date (Cost) \$5,233,425	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	194.73	65	7/19/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM SI, W/O COIL TUBING	24 Hour Forecast DRILL OUT CBP SET AT 9,042' WITH COIL TUBING.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	13:30	7.50	INACTIVE	INACTIVE	WAIT TO FRAC STG #21 ON 52-10 #7H
13:30	16:00	2.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #8 PERFS @ 12,064'-12,244' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID,218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND & STS TRACER, STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 675 FORMATION BROKE DOWN @ 3,420 PSI/11 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 8,453 AVG PSI= 4,483 AVG RATE= 81 BPM ISIP= 2,440 FG= 0.82 PSI/FT CLEAN FLUID TTL= 4,904 BBLS 100 MESH TTL= 98,180 LBS 40/70 OTTAWA SAND TTL= 127,540 LBS
16:00	20:00	4.00	PERF	ACTIVE	RU API WL TO PERF STG #9. SET MAGNUM COMPOSITE BRIDGE PLUG @ 12,034'. TEST TO 5,000 PSI. PERF AS FOLLOWS: 12,004'-12,006' 11,944'-11,946' 11,884'-11,886' 11,824'-11,826' POOH, RECOVERED SETTING TOOL & FOUR PERFORATING GUNS, CONFIRMED ALL SHOTS FIRED. PUMP DOWN VOL= 950 BBLS MULTIPLE ATTEMPTS TO PUMP DOWN.



Partner Report

Report # 65 Date: 7/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
20:00	22:00	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #9 PERFS @ 11,824'-12,006' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID,218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND & STS TRACER, STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,891 PSI FORMATION BROKE DOWN @ 2,830 PSI/5 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 5,294 PSI AVG PSI= 4,621 PSI AVG RATE= 80 BPM ISIP= 2,494 PSI FG= 0.83 PSI/FT CLEAN FLUID TTL= 5,031 BBLS 100 MESH TTL= 100,100 LBS 40/70 OTTAWA SAND TTL= 127,680 LBS
22:00	01:00	3.00	PERF	ACTIVE	RU API WL TO PERF STG #10. SET MAGNUM COMPOSITE BRIDGE PLUG @ 11,794'. TEST TO 5,000 PSI. PERF AS FOLLOWS: 11,584' - 11,586' 11,644' - 11,646' 11,704' - 11,706' 11,764' - 11,766' POOH, RECOVERED SETTING TOOL & FOUR PERFORATING GUNS, CONFIRMED ALL SHOTS FIRED. PUMP DOWN VOL= 713 BBLS
01:00	02:30	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #10. PERFS @ 11,584'-11,766' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND & STS TRACER, STINGER WHIT, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 1,971 PSI FORMATION BROKE DOWN @ 2,732 PSI @ 8 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 4,304 PSI AVG PSI= 3,964 PSI AVG RATE= 79 BPM ISIP= 2,407 PSI FG= 0.82 PSI/FT CLEAN FLUID TTL= 5,126 BBLS 100 MESH TTL= 98,880 LBS 40/70 OTTAWA SAND TTL= 127,000 LBS
02:30	04:30	2.00	PERF	ACTIVE	RIH TO SET PLUG AND PERF STG 11. WHILE PUMPING DOWN, PLUG APPARENTLY SET AT 9,042, ABOUT 15' INTO THE LOWER CASING PATCH. PUMPS TRIPPED OUT AT 8,000 PSI AND BLED OFF TO 7,600 PSI IN 8 MINUTES. ATTEMPTED TO WORK PLUG FREE WITH NO SUCCESS. SET PLUG AND POOH WITH LIVE GUNS. SAFETY MEETING.
04:30	06:00	1.50	RIGD	ACTIVE	RD WIRELINE AND LUBRICATOR. RD OIL STATES WHIT. MOVING EQUIPMENT TO MAKE ROOM FOR COIL TUBING OPERATIONS.



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Wellbore Name: OH

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Partner Report

Report # 66 Date: 7/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$98,076	Cum To Date (Cost) \$5,331,501	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 195.73	Report Number 66	Report End Date 7/20/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast PERFORATE WITH TCP ON COIL.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	INACTIVE	INACTIVE	WAIT ON COIL TUBING UNIT.
09:00	11:30	2.50	RIGU	ACTIVE	RIG UP COIL TBG UNIT.
11:30	14:30	3.00	TRIP	ACTIVE	TIH W/ 3 7/8" BIT, 2 7/8" MOTOR. TAGGED CBP @ 9,044'.
14:30	15:30	1.00	DRLG	ACTIVE	DLRD MAGNUM CBP.
15:30	17:00	1.50	TRIP	ACTIVE	TIH TO 11,777', TAGGED NEXT CBP.
17:00	19:00	2.00	CIRC	ACTIVE	PUMPED GEL SWEEP, CIRC WELL CLEAN.
19:00	22:00	3.00	TRIP	ACTIVE	POOH W/ BIT & MOTOR.
22:00	23:30	1.50	RIGD	ACTIVE	RD CT OFF WELLHEAD AND ND MOTOR AND BIT. PU/MU MAGNUM CBP WITH HYDRAULIC SETTING TOOL. RU TO WELLHEAD. EQUALIZED AND OPENED WELL.
23:30	06:00	6.50			RIH. TAGGED SECOND PATCH AND WORKED THROUGH. CIH AND TAGGED THIRD PATCH AT 9,022'. WORKED THROUGH. CIH. SPOTTED PLUG AT 11,550' AND DROPPED 3/4" BALL. PUMPED 130 BBL AT 2 BPM BUT DID NOT SEE BALL SEAT. SD AND DROPPED SECOND BALL. PUMPED 97 BBL AND BALL SEATED. PLUG SET AND SHEARED AT 4,700 PSI. PU 30' AND PRESSURED TESTED PLUG AND CASING TO 4,500 PSI. LOST 300 PSI IN 8 MINUTES, BLED OFF TO 1,700 PSI AND START POOH.



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Wellbore Name: OH

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Partner Report

Report # 67 Date: 7/21/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$115,011	Cum To Date (Cost) \$5,446,512	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 196.73	Report Number 67	Report End Date 7/21/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM SI		24 Hour Forecast SHUTDOWN			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	TRIP	ACTIVE	FPOOH W/ SETTING TOOL.
07:30	13:30	6.00	PERF	ACTIVE	RU & TIH W/ FOUR PERFORATING GUNS, 6 SPF, 21 GRAM, 60 DEG. PHASING, 48 SHOTS TTL. PERF STG #11 AS FOLLOWS: 11,254'-11,256' 11,464'-11,466' 11,404'-11,406' 11,344'-11,346'
13:30	15:30	2.00	RIGD	ACTIVE	POOH W/ PERF GUNS, FOUND ALL SHOTS FIRED.
15:30	06:00	14.50	SHUTDOWN	ACTIVE	RD CT UNIT AND EQUIPMENT. SWI, SDFWE.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 68 Date: 7/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,850	Cum To Date (Cost) \$5,391,748	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 197.73	Report Number 68	Report End Date 7/22/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM SI			24 Hour Forecast CONTINUE FRAC OPS		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	SHUTDOWN	ACTIVE	



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Wellbore Name: OH

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Partner Report

Report # 69 Date: 7/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$13,200	Cum To Date (Cost) \$5,404,948	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 198.73	Report Number 69	Report End Date 7/23/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING
06:30	10:30	4.00	RIGU	ACTIVE	RU TRICAN FRAC EQUIPMENT TO WH.
10:30	16:00	5.50	INACTIVE	INACTIVE	WAIT ON ORDERS. SDFN.
16:00	06:00	14.00	SHUTDOWN	ACTIVE	



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Wellbore Name: OH

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Partner Report

Report # 70 Date: 7/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$13,200	Cum To Date (Cost) \$5,418,148	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	199.73	70	7/24/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM		24 Hour Forecast			
SI		W/O/O			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING
06:30	09:30	3.00	RIGD	ACTIVE	RD FRAC LINES & ISOLATION TOOL
09:30	13:00	3.50	RIGU	ACTIVE	RIG UP FMC 10K FRAC STACK, SDFD.



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Partner Report

Report # 71 Date: 7/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$13,200	Cum To Date (Cost) \$5,429,148	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	200.73	71	7/25/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
SI			CONTINUE FRAC OPS		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	INACTIVE	INACTIVE	HELD PRE-JOB CONFERENCE @ S.A. OFFICE
18:00	23:00	5.00	RIGU	ACTIVE	RU TRICAN FRAC EQUIPMENT
23:00	06:00	7.00	SHUTDOWN	ACTIVE	



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 72 Date: 7/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$142,009	Cum To Date (Cost) \$5,587,157	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	201.73	Report Number	72	Report End Date	7/26/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM GIH WITH COIL AT DEPTH OF 11,109'	24 Hour Forecast CONT FRAC OPERATIONS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	
06:30	11:45	5.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #11. PERFS @ 11,344'-11,526' (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND & STS TRACER, FMC ISO SLEEVE, DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. OWHP= 945 FORMATION BROKE DOWN @ 2,790 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 8,581 AVG PSI= 3,083 AVG RATE= 44 BPM ISIP= 1,912 FG= 0. PSI/FT CLEAN FLUID TTL= 1,884 BBLS 100 MESH TTL= 0 LBS 40/70 OTTAWA SAND TTL= 50,000 LBS NOTE: CBP GAVE WAY WHILE DISLACING ACID, PUMPED 7 PPG 40/70 SAND PLUG (60 BBLS) TO SEAL OFF PERFS, TESTED SAND BRIDGE TO 5,000 PSI, PROCEEDING ON TO STG #12.
11:45	16:45	5.00	RIGU	ACTIVE	RU IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #12 AS FOLLOWS: 11,284'-11,286' 11,224'-11,226' 11,164'-11,166' 11,104'-11,106' CLEAN BBLS TTL=
16:45	20:15	3.50	PERF	ACTIVE	RIH WITH COIL TO PERFORATE STAGE 12. HIT SAND AT 7,000', STARTED WASHING AT 2.5 BPM IN AND 2.5 BPM OUT AT 1,400 PSI ON WHP AND CIRCULATING PSI 3,300 PSI. HOLDING 1,400 PSI ON BACK SIDE WHILE WASHING. HITTING SAND BRIDGES AS WE WASH DOWN.
20:15	20:45	0.50	CIRC	ACTIVE	CIRCULATE 10 BBL SWEEP
20:45	21:45	1.00	RIGD	ACTIVE	IPS PUMP TRUCK WENT DOWN, DEPTH AT 10,295', POOH SLOWLY UP TO 6,500' WHP AT 1,106 PSI.
21:45	23:15	1.50	RIGU	ACTIVE	RU REPLACEMENT PUMP WHILE POOH.
23:15	01:15	2.00	PERF	ACTIVE	PULLED UP TO 6,500' BEFORE STAND-BY PUMP WAS READY TO GO DOWN HOLE. PUMP ON LINE PUMPING 3.0 BPM AT 1,387 WHP. GOING BACK IN HOLE.



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 72 Date: 7/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log						
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description	
01:15	06:00	4.75	DRLG	ACTIVE	WENT BACK IN HOLE STARTING AT DEPTH OF 6,500', HIT SAND BRIDGE AT 7,000' 8,400' 9,350' 9,840', 10,270', 10,433', 10,578'. AT 10,656' HAD PRESSURE SPIKE TO 3,265 PSI, LEVELED BACK DOWN TO 1,700 PSI AT 10,660'. HAD 2 MORE SAND BRIDGES 10,720' AND 10,900'. AFTER 10,900' PIPE SLOWED DOWN TO 10'/MIN TO 5'/MIN BUT NO SAND IN RETURNS. (HAVE CALLED FOR PIPE ON PIPE CHEMICAL. IPS DID NOT BRING ANY TO LOCATION.)	



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 73 Date: 7/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$266,010	Cum To Date (Cost) \$5,873,167	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 202.73	Report Number 73	Report End Date 7/27/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM POOH AFTER PERF STG 13		24 Hour Forecast CONT FRAC OPERATION			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	15:00	9.00	PERF	ACTIVE	CONTINUE WASHING DOWN HOLE TO 11,296', PRESSURE TEST SAND PLUG TO 5,000 PSI, PERFORATED STG #12 W/ HYDROSAND PERF TOOL, POOH W/ CT, CLOSED TOP VALVE TO ISOLATE CT FROM FRAC.
15:00	17:30	2.50	STIM	ACTIVE	RU TRICAN STIM CREW, CHEMICALS & MK WTR TRANSFER TO FRAC STG #12. PERFS @ 11,104'-11,286' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP=2,054 FORMATION BROKE DOWN @ 3,280 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 7,278 AVG PSI= 5,315 AVG RATE= 72.2 BPM ISIP= 1,800 FG= 0.72 PSI/FT CLEAN FLUID TTL= 5,684 BBLS 100 MESH TTL= 100,840 LBS 40/70 OTTAWA SAND TTL= 149,400 LBS NOTE: PUMPED 5PPG/ 50 BBL SLUG AT END OF FRAC TO SCREEN OUT PERFS. DISPLACED W/279 BBLS.
17:30	19:30	2.00	STIM	ACTIVE	RU TRICAN TO PUMP SAND PLUG TO TOP OF NEXT STAGE. TESTED LINES, AND OPEN WH, WHP=1,800 PSI. BROUGHT PUMPS ON LINE AND PRESSURE WENT TO 8,500 AT 11 BPM, SHUT DOWN AND CALLED OKLA. ENG IN CHARGE, SAID SAND PLUG OK AND TO SHUT DOWN AND GIH W/COIL TO PERF STAGE 13.
19:30	22:30	3.00	SHUTDOWN	ACTIVE	SD DUE TO WEATHER, (RAIN AND LIGHTNING)
22:30	04:30	6.00	PERF	ACTIVE	RU IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #13 AS FOLLOWS: 11,044'-11,046' 10,984'-10,986' 10,924'-10,926' 10,864'-10,866'
04:30	06:00	1.50	PULCOM	ACTIVE	POOH W/COIL TUBING AND PREPARE TO FRAC STAGE 13



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 73 Date: 7/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00				<p>RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #13. PERFS @ 10,864'-11,046' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM..</p> <p>OWHP= _____ FORMATION BROKE DOWN @ _____ PSI @ ____ BPM PUMPED 3,000 GALS 7.5% HCL ACID</p> <p>MAX PSI= _____ AVG PSI= _____ AVG RATE= _____ BPM</p> <p>ISIP= _____ FG= 0.____ PSI/FT</p> <p>CLEAN FLUID TTL= _____ BBLS 100 MESH TTL= _____ LBS 40/70 OTTAWA SAND TTL= _____ LBS</p> <p>NOTE: PUMPED 5PPG/ 50 BBL SLUG AT END OF FRAC TO SCREEN OUT PERFS. DISPLACED W/____ BBLS.</p>



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 74 Date: 7/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$233,989	Cum To Date (Cost) \$6,150,564	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	203.73	74	7/28/2013

Last Casing String PRODUCTION, 14,068.0ftKB	
Status at 6 AM FRAC STG 13	24 Hour Forecast CON'T FRAC OPERATIONS

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	PERF	ACTIVE	POOH W/ COIL TBG, SWI.
07:30	08:00	0.50	SAFETY	ACTIVE	PRE-JOB SAFETY MEETING
08:00	10:45	2.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #13. PERFS @ 10,864'-11,046' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 1,738 FORMATION BROKE DOWN @ 3,080 PSI @ 7 BPM PUMPED 2,000 GALS 15% HCL ACID MAX PSI= 7,052 AVG PSI= 5,309 AVG RATE= 73 BPM ISIP= 2,220 FG= 0.78 PSI/FT CLEAN FLUID TTL= 5,589 BBLS 100 MESH TTL= 99,900 LBS 40/70 OTTAWA SAND TTL= 139,620 LBS NOTE: PUMPED 5PPG/ 50 BBL SLUG AT END OF FRAC TO SCREEN OUT PERFS. DISPLACED W/ 248 BBLS.
10:45	18:15	7.50	PERF	ACTIVE	RU IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #14 AS FOLLOWS: 10,804'-10,806' 10,744'-10,746' 10,684'-10,686' 10,624'-10,626' USED 496 BBLS FOR PERFORATING



Partner Report

Report # 74 Date: 7/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
18:15	20:45	2.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #14. PERFS @ 10,624'-10,8066' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 1,834 FORMATION BROKE DOWN @ 6,590 PSI @ 9.0 BPM PUMPED 2,000 GALS 15% HCL ACID MAX PSI= 8,147 AVG PSI= 4,847 AVG RATE= 74 BPM ISIP= 2,644 FG= 0.85 PSI/FT CLEAN FLUID TTL= 4,964 BBLS 100 MESH TTL= 99,240 LBS 40/70 OTTAWA SAND TTL= 138,220 LBS NOTE: PUMPED 6 PPG/ 50 BBL SLUG AT END OF FRAC TO SCREEN OUT PERFS. DISPLACED W/ 248 BBLS
20:45	06:00	9.25	PERF	ACTIVE	RU IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #15 AS FOLLOWS: 10,384'-10,386' 10,444'-10,446' 10,504'-10,506' 10,564'-10,566' HIT SAND BRIDGE AT 8,900, ' CLEARED BRIDGE AND CIRCULATED DOWN TO 10,566' TO PERF 1ST ZONE. USED 1,500 BBLS FOR PERFORATING.

**UNIVERSITY 52-10 8H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 75 Date: 7/29/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$156,629	Cum To Date (Cost) \$6,286,702	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	204.73	75	7/29/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM POOH AFTER PERF STG 15	24 Hour Forecast WAIT ON REPLACEMENT COIL UNIT TO RESUME FRAC OPERATIONS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:15	1.25	PERF	ACTIVE	FPOOH W/ COIL TBG, SWI.
07:15	07:45	0.50	SAFETY	ACTIVE	PRE- JOB SAFETY MEETING
07:45	09:30	1.75	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #15. PERFS @ 10,384'-10,566' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 1,667 FORMATION BROKE DOWN @ 2,560 PSI @ 9 BPM PUMPED 2,000 GALS 15% HCL ACID MAX PSI= 4,168 AVG PSI= 4,409 AVG RATE= 82 BPM ISIP= 2,820 FG= 0.83 PSI/FT CLEAN FLUID TTL= 4,795 BBLS 100 MESH TTL= 99,980 LBS 40/70 OTTAWA SAND TTL= 137,820 LBS NOTE: PUMPED 5 PPG/ 50 BBL SLUG AT END OF FRAC TO SCREEN OUT PERFS. DISPLACED W/ 230 BBLS
09:30	14:30	5.00	PERF	ACTIVE	RU IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #16 AS FOLLOWS: 10,324'-10,326' 10,264'-10,266' 10,204'-10,206' 10,144'-10,146' USED BBLS FOR PERFORATING. NOTE: RUPTURED COIL TUBING ON THE REEL @ 6,200'. POOH, SWI, RD CT UNIT. MOVED UNIT TO VACANT LOCATION TO CUT OFF BAD PIPE & WELD ON NEW CONNECTOR. NO TBG OR TOOLS LEFT IN HOLE. DID NOT PERFORATE STG #16.
14:30	06:00	15.50	INACTIVE	INACTIVE	WAIT ON REPAIRS TO COIL TBG. COULD NOT WELD AND FIX CONNECTOR. HAD TO CALL FOR ANOTHER UNIT FROM ODESSA YARD. ESTIMATED TIME OF ARRIVAL ON LOCATION BETWEEN 5 AND 6 AM. SHUT DOWN WAIT ON UNIT. COIL TBG SUPERVISOR CALLED, ETA FOR REPLACEMENT UNIT 12:00 NOON.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 76 Date: 7/30/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$48,710	Cum To Date (Cost) \$6,335,412	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 205.73	Report Number 76	Report End Date 7/30/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM WORKING ON CTU.			24 Hour Forecast PERF STG 16 AND CONTINUE FRAC OPERATIONS.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	16:30	10.50	INACTIVE	INACTIVE	WAIT ON COIL TUBING REPLACEMENT UNIT.
16:30	20:00	3.50	RIGU	ACTIVE	RU IPS COIL TUBING REPLACEMENT UNIT.
20:00	20:45	0.75	RIGU	ACTIVE	AFTER RU OF IPS CTU. THE DEPTH COUNTER AND REEL SPEED DATA WAS NOT SHOWING ON SCREEN. IPS TRIED TO REPAIR AND HAD NO SUCCESS. THEY CALLED FOR E TECH TO BRING OUT NEW CABLE TO RUN BETWEEN REEL TRUCK AND DATA ACQUISITION VAN.
20:45	00:15	3.50	SHUTDOWN	ACTIVE	WAIT ON ETECH TO COME OUT AND REPAIR CABLES.
00:15	06:00	5.75	SHUTDOWN	ACTIVE	ETECH ON LOCATION AND WORKING ON CABLES. IPS HAS A SHORT IN THE WIRES AND IS HAVING A HARD TIME GETTING THEM REPAIRED. IPS IS BUILDING A NEW CABLE TO RUN BETWEEN REEL TRAILER AND DATA VAN AT REPORT TIME.



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 77 Date: 7/31/2013 06:00

District	County	Field Name		Project Group		State/Province	
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS EAST		TX	
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$237,103	Cum To Date (Cost) \$6,487,765	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	206.73	77	7/31/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM PERFORATING STG 19	24 Hour Forecast CONTINUE FRAC OPERATIONS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SHUTDOWN	ACTIVE	FINISH FIXING ELECTONICS ON COIL TBG UNIT.
08:00	15:30	7.50	PERF	ACTIVE	RIH W/ IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #16 & STG #17 AS FOLLOWS: 10,324'-10,326' 10,264'-10,266' 10,204'-10,206' 10,144'-10,146' 10,084'-10,086' 10,024'-10,026' 9,964'-9,966' 9,904'-9,906' USED BBLS FOR PERFORATING.
15:30	20:00	4.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #16. PERFS @ 10,144'-10,326' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP=1,166 PSI FORMATION BROKE DOWN @ 2,950 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI=5,313 AVG PSI= 4,242 AVG RATE= 81 BPM ISIP=0.0 DID NOT GATHER ISIP DID NOT SD IN BETWEEN STGS 16-17 FG= 0. PSI/FT CLEAN FLUID TTL=4,958 BBLS 100 MESH TTL=95,900 LBS 40/70 OTTAWA SAND TTL=129,500 LBS NOTE: PUMPED 44 SURGIBALLS AND FLUSHED W/ BBLS TO SEAL OFF PERFS.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 77 Date: 7/31/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
20:00	22:00	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #17. PERFS @ 9,904'-10,086' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= FORMATION BROKE DOWN @ 2,744 PSI @ 31 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI=5,313 AVG PSI= 4,247 AVG RATE= 81 BPM ISIP=2,535.0 FG= 084. PSI/FT CLEAN FLUID TTL=6,094 BBLS 100 MESH TTL=96,340 LBS 40/70 OTTAWA SAND TTL=140,620 LBS NOTE: RAMPED UP TO 6 PPG 40/70 SAND PLUG TO SCREEN OUT PERFS.
22:00	06:00	8.00	PERF	ACTIVE	RIH W/ IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #18 & STG #19 AS FOLLOWS: 9,424'-9,426' 9,484'-9,486' 9,544'-9,546' 9,604'-9,606; 9,664'-9,666' 9,724'-9,726' 9,784'-9,786' 9,844'-9,846' PERFORATING STG 19 AT REPORT TIME.



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 78 Date: 8/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$120,042	Cum To Date (Cost) \$6,593,017	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	207.73	78	8/1/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM STG 20 FRAC	24 Hour Forecast CONTINUE FRAC OPERATIONS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	PERF	ACTIVE	RIH W/ IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #18 & STG #19 AS FOLLOWS: 9,424'-9,426' 9,484'-9,486' 9,544'-9,546' 9,604'-9,606; 9,664'-9,666' 9,724'-9,726' 9,784'-9,786' 9,844'-9,846' USED 1,090 BBLS FOR PERFORATING.
11:00	13:00	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #18. PERFS @ 9,644'-9,846' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 1,520 FORMATION BROKE DOWN @ 3,420 PSI @ 28 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 4,784 AVG PSI= 3,781 AVG RATE= 82 BPM ISIP= N/A FG= 0.77 PSI/FT CLEAN FLUID TTL= 4,792 BBLS 100 MESH TTL= 99,700 LBS 40/70 OTTAWA SAND TTL= 129,820 LBS NOTE: PUMPED 44 SURGIBALLS AND FLUSHED W/ 226 BBLS TO SEAL OFF PERFS. NO NOTICEABLE PSI INCREASE WHEN BALLS AT PERFS.



Partner Report

Report # 78 Date: 8/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
13:00	15:00	2.00	STIM	ACTIVE	<p>RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #19. PERFS @ 9,424'-9,606' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM..</p> <p>OWHP= N/A FORMATION BROKE DOWN @ 3,443 PSI @ 43 BPM PUMPED 3,000 GALS 7.5% HCL ACID</p> <p>MAX PSI= 4,784 AVG PSI= 3,781 AVG RATE= 82 BPM</p> <p>ISIP= 2,100 FG= 0.77 PSI/FT</p> <p>CLEAN FLUID TTL= 4,792 BBLS 100 MESH TTL= 100,020 LBS 40/70 OTTAWA SAND TTL= 159,060 LBS</p> <p>NOTE: RAMPED UP TO 6 PPG 40/70 SAND PLUG TO SCREEN OUT PERFS. PSI INCREASE TO 7,800.</p>
15:00	03:15	12.25	PERF	ACTIVE	<p>RIH W/ IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #20 & STG #21 AS FOLLOWS:</p> <p>9,364'-9,366' 9,304'-9,306' 9,244'-9,246' 9,184'-9,186; 9,124'-9,126' 9,064'-9,066' 9,004'-9,006' 8,944'-8,946'</p> <p>USED 1,250 BBLS FOR PERFORATING.</p>
03:15	06:00	2.75	STIM	ACTIVE	<p>RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #20. PERFS @ 9,184'-9,366' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM..</p> <p>OWHP= FORMATION BROKE DOWN @ __ PSI @ __ BPM PUMPED 3,000 GALS 7.5% HCL ACID</p> <p>MAX PSI= AVG PSI= AVG RATE= _ BPM</p> <p>ISIP= N/A FG= 0. PSI/FT</p> <p>CLEAN FLUID TTL= BBLS 100 MESH TTL= LBS 40/70 OTTAWA SAND TTL= LBS</p> <p>NOTE: PUMPED 44 SURGIBALLS AND FLUSHED W/ XX BBLS TO SEAL OFF PERFS. NO NOTICEABLE PSI INCREASE WHEN BALLS AT PERFS.</p>



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 79 Date: 8/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$336,609	Cum To Date (Cost) \$6,929,626	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	208.73	79	8/2/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM PERFORATING STG 25	24 Hour Forecast CONTINUE FRAC OPERATIONS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #20. PERFS @ 9,184'-9,366' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 1,716 FORMATION BROKE DOWN @ 3,060 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 5,586 AVG PSI= 3,900 AVG RATE= 82 BPM ISIP= N/A FG= 0.82 PSI/FT CLEAN FLUID TTL= 4,967 BBLS 100 MESH TTL= 99750 LBS 40/70 OTTAWA SAND TTL= 127750 LBS NOTE: PUMPED 44 SURGIBALLS AND FLUSHED W/ 385 BBLS TO SEAL OFF PERFS. NO NOTICEABLE PSI INCREASE WHEN BALLS AT PERFS.
06:30	08:00	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #21. PERFS @ 8,944'-9,126' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= N/A FORMATION BROKE DOWN @ 2,460 PSI @ 20 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 5,586 AVG PSI= 3,900 AVG RATE= 82 BPM ISIP= 2,415 FG= 0.82 PSI/FT CLEAN FLUID TTL= 4,968 BBLS 100 MESH TTL= 99750 LBS 40/70 OTTAWA SAND TTL= 144280 LBS NOTE: RAMPED UP TO 6 PPG 40/70 SAND PLUG TO SCREEN OUT PERFS. PSI INCREASE TO 5,000.



Partner Report

Report # 79 Date: 8/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
08:00	17:00	9.00	PERF	ACTIVE	RIH W/ IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #22 & STG #23 AS FOLLOWS: 8,884'-8,886' 8,824'-8,826' 8,764'-8,766' 8,704'-8,706' 8,644'-8,646' 8,584'-8,586' 8,524'-8,526' 8,464'-8,466' USED 1,050 BBLs FOR PERFORATING.
17:00	18:00	1.00	STIM	ACTIVE	MK WATER TRANSFER HAD TO SWITCH TRANSFER PITS. WATER LEVEL IN PIT WAS LOW.
18:00	20:00	2.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #22. PERFS @ 8,704'-8,886' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 1,801 FORMATION BROKE DOWN @ 2,800 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 5,831 AVG PSI= 3,963 AVG RATE= 80 BPM ISIP= 0.0 DID NOT SHUT DOWN BETWEEN STGS FG= 0 PSI/FT CLEAN FLUID TTL= 5,295 BBLs 100 MESH TTL= 98,720 LBS 40/70 OTTAWA SAND TTL= 128,500 LBS NOTE DROPPED 44 BALL SEALERS
20:00	21:15	1.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #23. PERFS @ 8,464'-8,646' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 2,325.0 FORMATION BROKE DOWN @ 2,325 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 5,831 AVG PSI= 3,963 AVG RATE= 80 BPM ISIP= 2,459.0 FG= 0.75 PSI/FT CLEAN FLUID TTL= 5,226 BBLs 100 MESH TTL= 98,440 LBS 40/70 OTTAWA SAND TTL= 142,190 LBS NOTE: RAMPED UP TO 6 PPG 40/70 SAND PLUG TO SCREEN OUT PERFS.
21:15	22:30	1.25	RIGU	ACTIVE	TTS TESTED TOOLS.
22:30	00:00	1.50	SHUTDOWN	ACTIVE	IPS HAD TO SWITCH OUT TRACTORS ON CTU. TRACTOR HAD REGEN TROUBLE.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 79 Date: 8/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
00:00	06:00	6.00	PERF	ACTIVE	RIH W/ IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #24 & STG #25 AS FOLLOWS: 8,404'-8,406' 8,344'-8,346' 8,284'-8,286' 8,224'-8,226' 8,164'-8,166' 8,104'-8,106' 8,044'-8,046' 7,984'-7,986' USED 1,200 BBLS FOR PERFORATING.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 80 Date: 8/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$172,736	Cum To Date (Cost) \$7,121,410	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 238											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	209.73	Report Number	80	Report End Date	8/3/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM WELDING ON CC.	24 Hour Forecast CONTINUE FRAC OPERATIONS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:15	2.25	PERF	ACTIVE	RIH W/ IPS CT UNIT & TTS HYDRO/SAND PERFORATING TOOL TO PERF STG #24 & STG #25 AS FOLLOWS: 8,404'-8,406' 8,344'-8,346' 8,284'-8,286' ' 8,224'-8,226' 8,164'-8,166' 8,104'-8,106' 8,044'-8,046' 7,984'-7,986' USED 1,200 BBLS FOR PERFORATING.
08:15	10:15	2.00	RIGD	ACTIVE	RD IPS COIL TBG UNIT, MOL.
10:15	11:45	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #24 PERFS @ 8,224'-8,406' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= 1,411 FORMATION BROKE DOWN @ 2,229 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 5,066 AVG PSI= 4,045 AVG RATE= 81 BPM ISIP= N/A FG= 0.85 PSI/FT CLEAN FLUID TTL= 4,769 BBLS 100 MESH TTL= 97,520 LBS 40/70 OTTAWA SAND TTL= 127,540 LBS NOTE: PUMPED 44 SURGIBALLS AND FLUSHED W/ 190 BBLS TO SEAL OFF PERFS. 150 PSI INCREASE WHEN BALLS AT PERFS.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 80 Date: 8/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
11:45	13:00	1.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #25. PERFS @ 7,984'-8,156' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= N/A FORMATION BROKE DOWN @ 2,581 PSI @ 20 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 5,066 AVG PSI= 4,045 AVG RATE= 81 BPM ISIP= 2,628 FG= 0.82 PSI/FT CLEAN FLUID TTL= 4,770 BBLS 100 MESH TTL= 97,800 LBS 40/70 OTTAWA SAND TTL= 129,240 LBS
13:00	18:00	5.00	RIGU	ACTIVE	RU API WIRELINE AND EQUIPMENT.
18:00	20:00	2.00	PERF	ACTIVE	RIH W/ API WL & MAGNUM BRIDGE PLUG TO PERFORATE THE HORIZONTAL WOLFCAMP FORMATION W/ FOUR 3 3/8" GUNS W/ 12 SHOTS EACH (48 TTL), 21 GRAMS, 60 DEG. PHASING. SET CBP @ 7,218'. PLUG SET IN LINER AT 7,218'. POOH WITH SETTING TOOLS AND WL. OOH WITH ALL WL AND TOOL.
20:00	21:00	1.00	RIGD	ACTIVE	RDMO API WL.
21:00	22:00	1.00	SHUTDOWN	ACTIVE	WAIT ON IPS CTU AND TTS FOR BIT AND MOTOR TO D/O CBP AT 7,218'.
22:00	06:00	8.00	RIGU	ACTIVE	MIRU IPS 2-3/8" CTU AND TTS TO D/O 1 CBP AT 7,218'. IPS HAD TO CUT EXTRA PIPE (1,200') FROM REEL DUE TO REEL TRAILER HIGH CENTERING ON LOCATION ENTRANCE. IPS IS WELDING ON CC AT REPORT TIME.



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 81 Date: 8/4/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$141,301	Cum To Date (Cost) \$7,276,368	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	210.73	81	8/4/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
PUMPING STG 26			CONTINUE FRAC OPERATIONS.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:15	2.25	RIGU	ACTIVE	MIRU IPS CT UNIT W/ TTS 3 3/4" MILL & 2 7/8" MOTOR.
08:15	09:30	1.25	TRIP	ACTIVE	TIH W/ MILL & MOTOR, TAGGED PRE-SET CBP @ 7,220'.
09:30	10:15	0.75	DRLG	ACTIVE	BREAK CIRC, DRLD PRE-SET MAGNUM CBP (50 MINS).
10:15	10:45	0.50	TRIP	ACTIVE	TIH TO 8,250'.
10:45	11:45	1.00	CIRC	ACTIVE	PUMPED 20 BBLS GEL SWEEP. CIRC WELL CLEAN, RECOVERED CBP DEBRIS, NO SAND.
11:45	13:45	2.00	TRIP	ACTIVE	POOH W/ BIT & MOTOR.
13:45	14:45	1.00	SANDCTRL	ACTIVE	RU TRICAN FRAC CREW, PUMPED 7 PPG/ 65 BBL SAND PLUG. DISPLACED W/ 117 BBLS, SCREENED OUT, TEST PLUG TO 6,000 PSI.
14:45	21:45	7.00	PERF	ACTIVE	TIH W/ IPS COIL TBG & TTS HYDRO/SAND PERF TOOL TO PERFORATE STGS #26 & 27 OF THE HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: 7,924'-7,926' 7,864'-7,866' 7,804'-7,806' 7,744'-7,746' 7,684'-7,686' 7,624'-7,626' 7,564'-7,566' 7,504'-7,506' USED 1,500 BBLS FOR PERFORATING.
21:45	00:30	2.75	PERF	ACTIVE	WHILE TOO H WITH CT AND PERF TOOLS. THE LEVEL WIND CHAIN BROKE. (KEEPS THE CT STRAIGHT WHILE SPOOLING ON TO THE REEL.) IPS HAD TO STOP AND FIX BROKEN LINK IN CHAIN. IPS FLUID PUMP STILL CIRCULATING WELL.
00:30	02:45	2.25	TRIP	ACTIVE	REEL LEVEL WIND REPAIRED. RESUME TOO H WITH CT AND PERF TOOLS. OOH WITH ALL CT AND TOOLS.
02:45	06:00	3.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #26. PERFS @ 7,744'-7,926'. (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP=1,261 FORMATION BROKE DOWN @ 6,710 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= AVG PSI= AVG RATE= BPM ISIP= FG= PSI/FT CLEAN FLUID TTL= BBLS 100 MESH TTL=100,040.0 LBS 40/70 OTTAWA SAND TTL= LBS



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 82 Date: 8/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$312,233	Cum To Date (Cost) \$7,807,184	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 100.0
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	211.73	82	8/5/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM PUMPING STG 29	24 Hour Forecast CONTINUE FRAC OPERATIONS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	0.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #26. PERFS @ 7,744'-7,926'. (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. TEST LINES TO 9,000 PSI. OWHP=1,261 FORMATION BROKE DOWN @ 6,710 PSI @ 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 7,312 AVG PSI= 4,122 AVG RATE= 80 BPM ISIP= 2,427 FG= 0.82 PSI/FT CLEAN FLUID TTL= 5,025 BBLS 100 MESH TTL=100,040.0 LBS 40/70 OTTAWA SAND TTL= 127,420 LBS NOTE: DROPPED 44 SUGIBALLS DURING FLUSH, 100 PSI INCREASE WHEN BALLS AT PERFS.
06:00	07:15	1.25	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #27. PERFS @ 7,504'-7,686'. (48 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM.. OWHP= N/A FORMATION BROKE DOWN @ PSI @ BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 7,312 AVG PSI= 4,122 AVG RATE= 80 BPM ISIP= 2,427 FG= 0.82 PSI/FT CLEAN FLUID TTL= 5,025 BBLS 100 MESH TTL= 100,980 LBS 40/70 OTTAWA SAND TTL= 146,960 LBS NOTE: PUMPED 5-7 PPG 40/70 AT END OF STAGE TO SEAL OFF OPEN PERFS. TESTED SAND PLUG TO 6,500 PSI.



Partner Report

Report # 82 Date: 8/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
07:15	14:00	6.75	PERF	ACTIVE	TIH W/ IPS COIL TBG & TTS HYDRO/SAND PERF TOOL TO PERFORATE STGS #28 & 29 OF THE HORIZONTAL WOLFCAMP FORMATION AS FOLLOWS: 7,444'-7,446' 7,384'-7,386' 7,324'-7,346' 7,264'-7,266' 7,204'-7,206' 7,144'-7,146' 7,084'-7,086' 7,024'-7,026' USED 1,250 BBLS FOR PERFORATING.
14:00	15:45	1.75	RIGD	ACTIVE	RD IPS COIL TBG UNIT, MOL.
15:45	18:15	2.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #28. PERFS @ 7,264'-7,446'. (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. TEST LINES TO 9,000 PSI. OWHP= 1,557.0 FORMATION BROKE DOWN @ 2820 PSI @10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= AVG PSI= AVG RATE= 80 BPM ISIP= FG=0.0 DID SHUT DOWN BETWEEN STGS PSI/FT CLEAN FLUID TTL= BBLS 100 MESH TTL= 99,120 LBS 40/70 OTTAWA SAND TTL= LBS NOTE: DROPPED 44 SUGIBALLS DURING FLUSH, 100 PSI INCREASE WHEN BALLS AT PERFS.
18:15	03:00	8.75	SHUTDOWN	ACTIVE	WAIT ON NEW SAND BELT. TRICAN SENT DRIVER FROM LOCATION TO PICK UP SAND BELT ON ODESSA YARD.
03:00	03:30	0.50	RIGU	ACTIVE	MIRU NEW SAND BELT.
03:30	05:00	1.50	STIM	ACTIVE	RESUME STG 28 FRAC. PUMPED LAST PART OF THE 40/70. MAX PSI= AVG PSI= AVG RATE= 80 BPM ISIP= FG=0.0 DID SHUT DOWN BETWEEN STGS PSI/FT CLEAN FLUID TTL= BBLS 100 MESH TTL= 99,120 LBS 40/70 OTTAWA SAND TTL= LBS NOTE: DROPPED 44 SUGIBALLS DURING FLUSH, 100 PSI INCREASE WHEN BALLS AT PERFS. WELL SCREENED OUT. AFTER SCREEN OUT OPENED WELL TO FB TANKS AND FLOWED 300 BBLS BACK. THEN FLUSHED WELL AND STARTED STG 29. FOR FRAC INFO, REFER TO STAGE 29 FOR INFO.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 82 Date: 8/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Time Log						
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description	
05:00	06:00	1.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #29. PERFS @ 7,024'-7.206' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. TEST LINES TO 9,000 PSI. OWHP= 1,557.0 FORMATION BROKE DOWN @ 2820 PSI @10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 8,584 AVG PSI=4,394 AVG RATE= 80 BPM ISIP= 2,886, (FOR BOTH STAGES 28 & 29). FG=0.89 (FOR BOTH STAGES, 28 & 29) NOTE: STG'S 28 & 29 WERE COMBINED FOR FRAC.	



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Wellbore Name: OH

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Partner Report

Report # 83 Date: 8/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$918,038	Cum To Date (Cost) \$8,645,222	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	212.73	83	8/6/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM		24 Hour Forecast			
GIH W/WIRELINE STG 30		WOR			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	PERF	ACTIVE	RIH W/ API WL & MAGNUM BRIDGE PLUG TO PERFORATE THE HORIZONTAL WOLFCAMP FORMATION W/ FOUR 3 3/8" GUNS W/ 12 SHOTS EACH (48 TTL), 21 GRAMS, 60 DEG. PHASING. SET CBP @ 6,994'. PERFORATE STG 30, 6,768'-6,786', 6,844'-6,846', 6,904'-6,906', 6,964'-6,966'. POOH WITH SETTING TOOLS AND WL. OOH WITH ALL WL AND TOOL. ALL SHOTS FIRED. PD 59 BBLs.
09:00	10:30	1.50	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #30. PERFS @ 6,784'-6,966' (44 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 218,390 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. TEST LINES TO 9,000 PSI. OWHP= 1,561 FORMATION BROKE DOWN @ 2,750 PSI 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 6,618 AVG PSI=3,635 AVG RATE= 82 BPM ISIP= 2,333. FG=0.77
10:30	12:00	1.50	PERF	ACTIVE	RIH W/ API WL & MAGNUM BRIDGE PLUG TO PERFORATE THE HORIZONTAL WOLFCAMP FORMATION W/ THREE 3 3/8" GUNS W/ 6 SHOTS EACH (18 TTL), 21 GRAMS, 60 DEG. PHASING. SET CBP @ 6,759'. PERFORATE STG 31, 6,684'-6,685', 6,709'-6,710', 6,734'-6,735'. POOH WITH SETTING TOOLS AND WL. OOH WITH ALL WL AND TOOL. ALL SHOTS FIRED. PD 35 BBLs.
12:00	13:00	1.00	STIM	ACTIVE	RU TRICAN STIM CREW,CHEMICALS & MK WTR TRANSFER TO FRAC STG #31. PERFS @ 6,684'-6,735' (18 HOLES) W/ 3,000 GAL 7.5% HCL ACID, 202,000 GAL OF SLICK WATER, 99,750 LBS PREMIUM 100 MESH & 127,750 LBS PREMIUM 40/70 SAND, STS TRACER, FMC ISO SLEEVE AND 10K FRAC VALVES DOWN 5-1/2" 17# P110 GRADE CSG @ 80 BPM. TEST LINES TO 9,000 PSI. OWHP=1,876 FORMATION BROKE DOWN @ 2,803 PSI 10 BPM PUMPED 3,000 GALS 7.5% HCL ACID MAX PSI= 7,656 AVG PSI=5,794 AVG RATE= 82 BPM ISIP= 2,451. FG=80. TOTAL FLUID TO RECOVER: 155,071 bbls.
13:00	14:00	1.00	KILLOP	ACTIVE	SET COMPOSITE KILL PLUG AT 6,000'.PERFORMED NEGITIVE TEST, TEST GOOD, PRESSURED UP TO 4,000 PSI, HELD FOR 5 MIN, NO LEAK OFF, BLED WELL DOWN.
14:00	18:00	4.00	RIGD	ACTIVE	RD TRICAN FROM FRAC, RD API PERFORATORS, PULL ISO TOOL, CLOSE WELL IN. WELL SECURE.



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 83 Date: 8/6/2013 06:00

District	County	Field Name		Project Group	State/Province		
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)		PB TEXAS EAST	TX		
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
18:00	06:00	12.00	SHUTDOWN	ACTIVE	SHUT DOWN, WAIT ON RIG



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Wellbore Name: OH

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Partner Report

Report # 84 Date: 8/7/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$13,450	Cum To Date (Cost) \$8,658,672	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 238					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	213.73	84	8/7/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
WSI			WOR		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	INACTIVE	INACTIVE	WAIT ON FMC TO ARRIVE LOCATION TO ND FRAC STACK AND INSTALL 5K MUD CROSS TO MASTER VALVE ON WELL.
12:00	17:00	5.00	WLHEAD	ACTIVE	ND FMC FRAC STACK AND RETURN TO FMC ODESSA. NU 5K 71/16 MUD CROSS TO MASTER VALVE. SWI AND RELEASE FMC.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	WELL SECURE, WOR.



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Wellbore Name: OH

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Partner Report

Report # 85 Date: 8/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$24,300	Cum To Date (Cost) \$8,682,972	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 223.73	Report Number 85	Report End Date 8/17/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM SI			24 Hour Forecast TIH WITH BIT TO D/O CFPS.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION
12:00	12:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
12:15	16:15	4.00	RIGU	ACTIVE	SPOT BASE BEAM. MIRU ESCO WSU #236. SPOT PIPE RACKS AND PIPE RACKS. LOAD RACKS WITH 465 JTS 2-7/8" 7.9# PH6 P110 WS. TALLY FIRST ROW OF PIPE.
16:15	06:00	13.75	SHUTDOWN	ACTIVE	SDFN.



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Wellbore Name: OH

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Partner Report

Report # 86 Date: 8/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$22,300	Cum To Date (Cost) \$8,705,272	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	224.73	86	8/18/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM		24 Hour Forecast			
SI		SDFWE			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
07:00	07:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
07:15	08:15	1.00	WLHEAD	ACTIVE	NU BRIDGEPORT FISHING AND RENTAL 5K HYD BOP. FUNCTION TEST THE SAME. GOOD.
08:15	13:15	5.00	TRIP	ACTIVE	PU AND MU. TIH WITH 3-7/8" NEW SB BIT, X/OVER, BRIDGEPORT FISHING & RENTAL 2-7/8" MOTOR, BACK PSI VALVE, 4' PONT SUB, F NIPPLE, AND 187 JTS OF 2-7/8" 7.9# PH6 P110 WS. TO KILL PLUG AND SDFWE.
13:15	06:00	16.75	SHUTDOWN	ACTIVE	SDFWE.



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Partner Report

Report # 87 Date: 8/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$27,665	Cum To Date (Cost) \$8,732,937	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	226.73	87	8/20/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM CIRCULATING SAND FROM WELL.	24 Hour Forecast DRILL PLUGS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	DROVE TO LOCATION.
07:00	06:00	23.00	DRLG	ACTIVE	SISCP 0 PSI, SITP 0 PSI, SICP 0 PSI. RIH AND TAGGED KILL PLUG @ 6,020'. DRILLED PLUGS @ 6,020', 6,770' AND 7,005'. PUMPED 2.0 BPM AND RECOVERED 3.5 BPM. WASHED DOWN AND CIRCULATED SAND PLUGS OUT OF HOLE. WASHED DOWN TO 10,871' (350 JTS) AT REPORT TIME. AVG PUMP RATE WAS 2.0 BPM WITH AVG RECOVERY RATE OF 3.5 BPM. PUMPED 2,171 BBLS. RECOVERED 3,285 BBLS. GAINED 1,014 BBLS. FTR 175,364 BBLS // RT 3,285 BBLS // 3,885 BBLS // LTR 173,650 BBLS.



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Partner Report

Report # 88 Date: 8/21/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$27,665	Cum To Date (Cost) \$8,760,602	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 227.73	Report Number 88	Report End Date 8/21/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM MOVING PIPE RACKS.			24 Hour Forecast SNUB OUT OF HOLE, SNUB IN HOLE.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	00:00	18.00	DRLG	ACTIVE	SISC P 0 PSI. DRILLED PLUGS @ 12,000', 12,025', 12,285' AND 12,500'. PUMPED AVG 2.0 BPM AND RECOVERED AVG 4.5 BPM @ 250 PSI. STOPPED MAKING HOLE AND CIRCULATED WELL CLEAN TO POOH AND CHANGE BIT.
					PUMPED 2,195 BBLS. RECOVERED 4,241 BBLS. GAINED 2,046 BBLS.
00:00	03:00	3.00	TRIP	ACTIVE	POOH W/ 329 JTS 2 7/8" PH-6 TUBING. EOT @ 2,331' (74 JTS).
03:00	06:00	3.00	RIGU	ACTIVE	MOVE PIPE RACKS TO RIG UP SNUBBING UNIT.
					FTR 179,730 BBLS // RT 4,241 BBLS // CR 8,126 BBLS // LTR 171,504 BBLS.



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Wellbore Name: OH

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Partner Report

Report # 89 Date: 8/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$37,565	Cum To Date (Cost) \$8,798,167	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 228.73	Report Number 89	Report End Date 8/22/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM DRILLING ON PLUGS.			24 Hour Forecast DRILL PLUGS AND POOH.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	RIGU	ACTIVE	SPOTTED CATWALK AND RACKS. ND BIW HEAD.
08:00	14:00	6.00	SHUTDOWN	ACTIVE	WAITING ON SNUBBING UNIT.
14:00	14:30	0.50	SAFETY	ACTIVE	HELD SAFETY MEETING PRIOR TO RU SNUBBING UNIT.
14:30	16:00	1.50	RUNCOM	ACTIVE	R/U BADGER SNUBBING UNIT.
16:00	18:00	2.00	TRIP	ACTIVE	SNUB OOH W/ 73 JTS 2 7/8" PH-6 TBG AND BHA. FOUND BIT W/ ALL THREE CONES MISSING.
18:00	21:00	3.00	TRIP	ACTIVE	SNUB IN HOLE W/ 3 7/8" CONE BUSTER MILL, BIT SUB, 2 7/8" MOTOR, X-OVER, CHECK VALVE, TBG PUP JT, F-NIPPLE, 75 JTS 2 7/8" PH-6 TBG.
21:00	23:00	2.00	RIGD	ACTIVE	RIG DOWN SNUBBING UNIT.
23:00	06:00	7.00	TRIP	ACTIVE	CONTINUE TO RIH W/ 170 JTS 2 7/8" PH-6 TBG, X-NIPPLE, 158 JTS 2 7/8" PH-6 TBG. TAGGED PLUG AND CONES @ 12,500'.
FTR 179,730 BBLS // RT 518 BBLS // CR 8,644 BBLS // 171,086 BBLS.					



Partner Report

Report # 90 Date: 8/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$30,965	Cum To Date (Cost) \$8,829,132	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 229.73	Report Number 90	Report End Date 8/23/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM RU SNUBBING UNIT.			24 Hour Forecast SNUB TBG OUT, SNUB IN AND LAND PROD TBG AND GLV.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	22:00	16.00	DRLG	ACTIVE	TAGGED PLUG AND CONES @ 12,750'. MILLED UP PLUGS @ 12,750', 13,000' AND 13,243'. RIH TO PBTD @ 13,969'. PUMPED GEL SWEEP AND CIRCULATED WELL CLEAN. PUMPING 2.0 BPM RECOVERING 4.5 BPM.
					PUMPED 1,510 BBLS. RECOVERED 3,539 BBLS. GAINED 2,029 BBLS.
22:00	04:00	6.00	TRIP	ACTIVE	POOH AND L/D 400 JTS 2 7/8" PH-6 TBG.
04:00	06:00	2.00	RIGU	ACTIVE	RU BADGER SNUBBING UNIT.
					FTR 169,057 BBLS // RT 3,539 BBLS // CR 12,183 BBLS // 156,874 BBLS.



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Wellbore Name: OH

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Partner Report

Report # 91 Date: 8/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$40,865	Cum To Date (Cost) \$8,869,997	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	230.73	91	8/24/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		
PREPARING TO RUN SPECTRA LOG.			LOG.		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	RIGU	ACTIVE	FINISH RIGGING UP BADGER SNUBBING UNIT.
09:00	12:00	3.00	TRIP	ACTIVE	SNUBBED TBG WORK STRING AND BHA OUT OF HOLE.
12:00	14:00	2.00	BOPS	ACTIVE	CHANGED OUT RAMS ON BOP AND SNUBBING UNIT.
14:00	15:00	1.00	TRIP	ACTIVE	STARTED TO SNUB IN HOLE W/ PROD TBG. DECISION WAS MADE TO RUN SPECTRA LOG. SNUB TBG OUT OF HOLE.
15:00	17:00	2.00	RIGD	ACTIVE	RD SNUBBING UNIT. SWI, SDFN.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	FTR 181,240 BBLS // RT 370 BBLS // CR 12,553 BBLS // LTR 168,687 BBLS. WAITING TO RUN SPECTRA LOG. NO ACTIVITY.



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Wellbore Name: OH

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Partner Report

Report # 92 Date: 8/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$38,267	Cum To Date (Cost) \$8,908,264	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 231.73	Report Number 92	Report End Date 8/25/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM SHUTDOWN			24 Hour Forecast SHUTDOWN		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HELD PRE-JOB SAFETY MEETING
06:30	08:30	2.00	RIGU	ACTIVE	RU PRO WL, WELTEC TRACTOR AND SPECTRUM TRACER SVCS TO RUN GR LOG.
08:30	12:30	4.00	WIRELINE	ACTIVE	TIH TO 6,325' W/ TRACTOR, HUNG UP ON OBSTRUCTION IN CSG. WORKED FREE, POOH.
12:30	14:30	2.00	RIGD	ACTIVE	RD AND RELEASE PRO WL, WELTEC AND SPECTRUM TRACER SVCS. TURN WELL OVER TO FLOWBACK, WAITING ON ORDERS.
14:30	06:00	15.50	FLWTST	ACTIVE	CHOKE- 48 TBG- N/A CSG- 40 OIL- 0 H2O- 767 GAS- 0 H2S- 0



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Wellbore Name: OH

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Partner Report

Report # 93 Date: 8/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$15,180	Cum To Date (Cost) \$8,923,444	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 232.73	Report Number 93	Report End Date 8/26/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWING WELL			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CHOKE- 64 TBG- N/A CSG- 40 OIL- 0 H2O- 759 GAS- 0 H2S- 0 CHL- 52,886 TWLTR- 175,364



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Wellbore Name: OH

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Partner Report

Report # 94 Date: 8/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)		Project Group PB TEXAS EAST		State/Province TX	
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$37,000	Cum To Date (Cost) \$8,960,444	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	233.73	94	8/27/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM RU TO CIRCULATE	24 Hour Forecast CIRCULATE TO CLEAN WELLBORE. POOH.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION.
07:00	07:30	0.50	SAFETY	ACTIVE	HELD PRE-JOB SAFETY MEETING.
07:30	08:30	1.00	INACTIVE	INACTIVE	W/O SNUBBING UNIT
08:30	13:00	4.50	RIGU	ACTIVE	RU BADGER SNUBBING UNIT, SET UP & TALLY 2 7/8" WORKSTRING.
13:00	22:30	9.50	TRIP	ACTIVE	PU & TIH W/ 3 7/8" JAYZEE BIT, X/O AND XXX JTS 2 7/8" PH-6 WORKSTRING TO 6688', 216 JOINTS, 90 DEGREES.
22:30	23:30	1.00	CIRC	ACTIVE	LOAD TUBING AND CIRCULATE WELL. 227 BBLS PUMPED, 172 RETURNED.
23:30	06:00	6.50	TRIP	ACTIVE	TIH TO 10735' 347 JOINTS. PIPE NOT FALLING. RU TO CIRCULATE TO GET REMAINDER OF TPIPE TO DEPTH OF 11,325, 18 MORE JOINTS.



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Wellbore Name: OH

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Partner Report

Report # 95 Date: 8/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$90,627	Cum To Date (Cost) \$9,056,394	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	234.73	95	8/28/2013
Last Casing String					
PRODUCTION, 14,068.0ftKB					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	TRIP	ACTIVE	FINISH TIH W/ BIT & 365 JTS 2 7/8" PH-6 WORKSTRING TO 11,327'.
07:30	09:30	2.00	CIRC	ACTIVE	PUMPED GEL SWEEP X 3 WITH 400 BBLS FRAC WATER @ 5 1/2 BPM. RECOVERED CFP DEBRIS AND LIGHT TRACES OF SAND.
09:30	11:30	2.00	TRIP	ACTIVE	POOH & LD 148 JTS 2 7/8" PH-6 TO 6,711'.
11:30	12:45	1.25	CIRC	ACTIVE	PUMPED GEL SWEEP WITH 180 BBLS FRAC WATER. RECOVERED FEW CFP PIECES AND NO SAND. PUMPED 674 BBLS, 1,138 BBLS ON RETURNS. NET GAIN OF 464 BBLS.
12:45	16:45	4.00	TRIP	ACTIVE	FPOOH & LD W/ 217 JTS PH-6 WORKSTRING, X/O, & 3 7/8" JAYZEE BIT.
16:45	18:45	2.00	RIGD	ACTIVE	RD BADGER SNUBBING UNIT.
18:45	20:00	1.25	RIGU	ACTIVE	MIRU WIRELINE AND TRACTOR
20:00	23:30	3.50	WIRELINE	ACTIVE	RIH TO 11350'
23:30	03:00	3.50	WIRELINE	ACTIVE	POOH LOGGING
03:00	05:00	2.00	RIGD	ACTIVE	RDMO WIRELINE, TRACTOR
05:00	06:00	1.00	RIGU	ACTIVE	RU, PREP TO RUN PRODUCTION STRING AND GAS LIFT VALVES.



UNIVERSITY 52-10 8H

Wellbore Name: OH

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Partner Report

Report # 96 Date: 8/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$81,949	Cum To Date (Cost) \$9,147,406	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig						
ENERGY SERVICE, 236						
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date	
0.00	14,105.0	6,246.4	235.73	96	8/29/2013	

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	HELD PRE-JOB SAFETY MEETING.
06:30	08:45	2.25	RIGU	ACTIVE	RU BADGER SNUBBING UNIT.
08:45	16:15	7.50	TRIP	ACTIVE	TIH, W/ F-NIPPLE, X-NIPPLE, 9 GLVs AND 204 JTS 2 3/8" J-55 8RD EUE FOR PRODUCTION STRING. LANDED TBG W/ HANGER.
16:15	18:45	2.50	RIGD	ACTIVE	RD BADGER SNUBBING UNIT.
18:45	20:45	2.00	WLHEAD	ACTIVE	ND FMC 5K FRAC VALVE, NU 2 1/16" WH TREE. PUMPED OUT CERAMIC DISCS.
20:45	23:00	2.25	RIGD	ACTIVE	RD AND RELEASE WOR, EQUIPMENT & PERSONNEL. TURNED WELL OVER TO FLOWBACK CREW.
23:00	06:00	7.00	FLWTST	ACTIVE	CHOKE- 64 TBG- 30 CSG- 100 OIL- 0 H2O- 537 GAS- 0 H2S- 0 CHL- 54,539 TWLTR- 165,657



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Wellbore Name: OH

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Partner Report

Report # 97 Date: 8/30/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$4,900	Cum To Date (Cost) \$9,152,306	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 236.73	Report Number 97	Report End Date 8/30/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST		24 Hour Forecast FLOWTEST			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CHOKE- 64 TBG- 10 CSG- 80 OIL- 0 H2O- 504 GAS- 0 H2S- 0 CHL- 54,539 TWLTR- 165,153



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Wellbore Name: OH

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Partner Report

Report # 98 Date: 8/31/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$4,900	Cum To Date (Cost) \$9,157,206	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	237.73	Report Number	98	Report End Date	8/31/2013

Last Casing String PRODUCTION, 14,068.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CHOKE- 64 TBG- 118 CSG- 1,050 OIL- 7 H2O- 820 GAS- 0 H2S- 0 CHL- 57,844 TWLTR- 164,333



Partner Report

Report # 99 Date: 9/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$4,900	Cum To Date (Cost) \$9,162,106	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	238.73	99	9/1/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CHOKE- 64 TBG- 108 CSG- 1,060 OIL- 68 H2O- 1,376 GAS- 613 H2S- 0 CHL- 57,844 TWLTR- 162,957



UNIVERSITY 52-10 8H
Wellbore Name: OH

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Partner Report

Report # 101 Date: 9/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$4,900	Cum To Date (Cost) \$9,171,906	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 240.73	Report Number 101	Report End Date 9/3/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST		24 Hour Forecast FLOWTEST			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 102 Date: 9/4/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$4,900	Cum To Date (Cost) \$9,176,806	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 241.73	Report Number 102	Report End Date 9/4/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST			24 Hour Forecast FLOWTEST		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	



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Wellbore Name: OH

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Partner Report

Report # 103 Date: 9/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$4,900	Cum To Date (Cost) \$9,181,706	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 242.73	Report Number 103	Report End Date 9/5/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST			24 Hour Forecast FLOWTEST		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG- 75 CSG- 1020 OIL- 52 GAS- 411 WTR- 250



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Partner Report

Report # 104 Date: 9/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,246,606	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 243.73	Report Number 104	Report End Date 9/6/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST			24 Hour Forecast FLOWTEST		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	



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Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 105 Date: 9/7/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,261,506	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 244.73	Report Number 105	Report End Date 9/7/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST			24 Hour Forecast FLOWTEST		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	



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Partner Report

Report # 106 Date: 9/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,276,406	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 245.73	Report Number 106	Report End Date 9/8/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST			24 Hour Forecast FLOWTEST		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	



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Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 107 Date: 9/9/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,291,306	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 246.73	Report Number 107	Report End Date 9/9/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWTEST			24 Hour Forecast FLOWTEST		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG - 120 CSG - 1040 OIL - 194 GAS - 659 WTR - 718 NITRO UNIT / 400MCF INJ



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Wellbore Name: OH

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Partner Report

Report # 108 Date: 9/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,306,206	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	247.73	108	9/10/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 85 CAS- 526 OIL- 468 WTR- 592 GAS- 771



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Partner Report

Report # 109 Date: 9/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,321,106	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	248.73	109	9/11/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 90 CAS- 1020 OIL- 384 WTR- 635 GAS- 740



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Partner Report

Report # 110 Date: 9/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,336,006	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	249.73	110	9/12/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG-90 CSG-1020 WATER-595 GAS-691 OIL-318



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Partner Report

Report # 111 Date: 9/21/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,350,906	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 258.73	Report Number 111	Report End Date 9/21/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 0 CAS- 945 OIL- 0 GAS- 0 WTR- 82



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Partner Report

Report # 112 Date: 9/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,365,806	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	259.73	112	9/22/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 0 CAS- 945 OIL- 0 WTR- 102 GAS- 0



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Partner Report

Report # 113 Date: 9/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,380,706	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 260.73	Report Number 113	Report End Date 9/23/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 170 CAS- 1045 OIL- 22 WTR- 451 GAS- 111 GAS FLARING



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 114 Date: 9/24/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,395,606	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 261.73	Report Number 114	Report End Date 9/24/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 230 CAS- 1000 OIL- 93 WTR- 906 GAS- 652 FLARING GAS



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 121 Date: 10/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$15,400	Cum To Date (Cost) \$9,501,406	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	268.73	121	10/1/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 80 CAS- 1000 OIL- 3 WTR-33 MCF- 330



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 122 Date: 10/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$16,400	Cum To Date (Cost) \$9,517,806	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 269.73	Report Number 122	Report End Date 10/2/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	FLWTST	ACTIVE	CONTINUE FLOWBACK OPERATIONS.
12:00	17:00	5.00	STIM	ACTIVE	SICP-1,000 PSI. SITP -80 PSI.MIRU ESCO PUMP TRUCK AND SELECT ENERGY SERVICES WATER TRUCK. PUMP 40 BBLS OF FW AND BIO TO CLEAR AND DEBRIS FROM PRODUCTION TBG. EIR OF 4 BPM AT 2,200 PSI. NEVER NOTICED ANY PRESSURE SPIKES. RDMO ESCO AND SELECT. TURNED WELL OVER TO OILSTATES FLOWBACK CREW. TUB- 140 CAS- 1040 OIL- 194 WTR- 520 GAS- 423



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 123 Date: 10/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,532,706	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 270.73	Report Number 123	Report End Date 10/3/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 130 CAS- 886 OIL- 596 WTR- 650 GAS- 829



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 124 Date: 10/4/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,547,606	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	271.73	124	10/4/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 110 CAS- 910 OIL- 502 GAS- 481 WAT- 636



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 125 Date: 10/5/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,562,506	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	272.73	125	10/5/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 90 CAS- 1000 OIL- 355 WTR- 414 GAS- 386



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 126 Date: 10/6/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,577,406	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	273.73	126	10/6/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 110 CAS- 960 OIL- 326 WTR- 447 GAS- 473



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 127 Date: 10/7/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,592,306	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	274.73	127	10/7/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 100 CAS- 1000 OIL- 266 GAS- 604 WTR- 528



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 128 Date: 10/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,607,206	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 275.73	Report Number 128	Report End Date 10/8/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 100 CAS- 980 OIL - 307 WTR- 437 GAS- 586 WTR-



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 129 Date: 10/9/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,622,106	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	276.73	129	10/9/2013

Last Casing String PRODUCTION, 14,068.0ftKB	
Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 100 CAS- 980 OIL- 314 WTR- 418 GAS- 569



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 130 Date: 10/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,637,006	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 277.73	Report Number 130	Report End Date 10/10/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB-100 CAS- 960 OIL- 355 WTR- 358 GAS- 488



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 131 Date: 10/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,651,906	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 278.73	Report Number 131	Report End Date 10/11/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 100 CAS- 960 OIL- 346 WTR- 417 GAS- 493



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 132 Date: 10/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,666,806	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	279.73	132	10/12/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 100 CAS- 1102 OIL- 292 WTR- 397 GAS- 473



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 133 Date: 10/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,681,706	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	280.73	133	10/13/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 105 CAS- 1126 OIL- 303 WAT- 380 GAS- 598



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 134 Date: 10/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,696,606	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	281.73	134	10/14/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 100 CAS- 1150 OIL- 254 WTR- 388 GAS- 639



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 135 Date: 10/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,711,506	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	282.73	135	10/15/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 105 CAS- 980 OIL- 232 GAS- 672 WTR- 385



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 136 Date: 10/16/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,726,406	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 283.73	Report Number 136	Report End Date 10/16/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK		24 Hour Forecast FLOWBACK			

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB-105 CAS-980 OIL- 413 WTR- 692



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 137 Date: 10/17/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,741,306	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	284.73	137	10/17/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 105 CAS- 940 OIL- 242 WTR- 373 GAS- 616



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 138 Date: 10/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,756,206	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	285.73	138	10/18/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 105 CAS1000 OIL- 219 WTR- 427 GAS- 838



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 139 Date: 10/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,771,106	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	286.73	139	10/19/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 120 CAS- 980 OIL- 182 WTR- 434 GAS 924



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 140 Date: 10/20/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,786,006	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 287.73	Report Number 140	Report End Date 10/20/2013
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Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

FLOWBACK

24 Hour Forecast

FLOWBACK

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 105 CAS- 980 OIL- 177 WTR- 435 GAS- 907



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 141 Date: 10/21/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,800,906	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 288.73	Report Number 141	Report End Date 10/21/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 183 CAS- 348 OIL- 183 WTR- 348 GAS- 961



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 142 Date: 10/22/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,816,906	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	14,105.0	6,246.4	289.73	142	10/22/2013

Last Casing String
PRODUCTION, 14,068.0ftKB

Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	FLOWBACK TBG- 105 PSI CSG- 960 PSI CK- W/O OIL- 197 BBLS WATER- 305 BBLS GAS- 932 MCF



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 143 Date: 10/23/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,831,806	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 290.73	Report Number 143	Report End Date 10/23/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 206 CAS- 362 OIL- 206 WTR- 362 GAS- 845



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 145 Date: 10/24/2013 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	CROCKETT	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
S 10, BLK 52, ULS	4210541608	31° 4' 4.209" N	101° 1' 6.65" W	2,524.00	25.00	2,549.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,861,606	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 291.73	Report Number 145	Report End Date 10/24/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00			TUB- 105 CAS- 930 OIL- 164 WTR- 366 GAS- 867



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 146 Date: 10/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,876,506	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 292.73	Report Number 146	Report End Date 10/25/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 105 CAS- 930 OIL- 164 WTR- 388 GAS- 952



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 147 Date: 10/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$14,900	Cum To Date (Cost) \$9,891,406	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 293.73	Report Number 147	Report End Date 10/26/2013
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Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

FLOWBACK

24 Hour Forecast

FLOWBACK

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 110 CAS- 880 OIL- 142 WTR- 361 GAS- 829



UNIVERSITY 52-10 8H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 148 Date: 10/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$15,940	Cum To Date (Cost) \$9,907,346	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	14,105.0	End Depth (TVD) (ftKB)	6,246.4	DFS (days)	294.73	Report Number	148	Report End Date	10/27/2013

Last Casing String

PRODUCTION, 14,068.0ftKB

Status at 6 AM

FLOWBACK

24 Hour Forecast

FLOWBACK

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 100 CAS- 900 OIL- 140 WTR- 282 GAS- 876



UNIVERSITY 52-10 8H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 149 Date: 10/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 10, BLK 52, ULS	API/UWI 4210541608	Latitude (°) 31° 4' 4.209" N	Longitude (°) 101° 1' 6.65" W	Ground Elev... 2,524.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,549.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,151.0	Authorized Depth TVD (ftKB)	API/UWI 4210541608
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Costs

WBS Number 01-03279.01;01-03279.02;01-03279.03;01-03279.04;01-03279.05	Planned Days (days) 58.38	Daily Cost (Cost) \$15,940	Cum To Date (Cost) \$9,923,286	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,105.0	End Depth (TVD) (ftKB) 6,246.4	DFS (days) 295.73	Report Number 149	Report End Date 10/28/2013
Last Casing String PRODUCTION, 14,068.0ftKB					
Status at 6 AM FLOWBACK			24 Hour Forecast FLOWBACK		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TUB- 110 CAS- 880 OIL- 194 WTR- 375 GAS- 821