



Partner Report

Report # 18 Date: 6/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$16,000	Cum To Date (Cost) \$2,554,977	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 53.7

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	8.04	\$16,000	\$1,053,709	\$4,797,520	\$3,743,811

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 27.56	Report Number 18	Report End Date 6/26/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM SI	24 Hour Forecast TIH W/ PH-6 TBG TO PBTD, CIRCULATE CLEAN

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	07:30	0.50	SAFETY	ACTIVE	PJSM
07:30	15:00	7.50	RIGU	ACTIVE	MIRU ESCO RIG, PIPE RACKS,RIG MAT, TBG, BRIDGEPORT TOOL BOP & SWIVEL, TALLY PIPE. SELECT FRAC TANKS AND FLO IRON,
15:00	17:00	2.00	TRIP	ACTIVE	TIH W 4 1/2" BIT AND STRING MILL, UNABLE TO GET BIT PAST TOP OF CSG,4 1/2 RAN ON BIT AND MILL, POH LAY DOWN, CALL FOR 4 1/2" TAPPERED MILL TO RIH IN AM.
17:00	06:00	13.00	SHUTDOWN	ACTIVE	SECURE WELL SDFN



Partner Report

Report # 19 Date: 6/27/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$16,000	Cum To Date (Cost) \$2,570,977	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 56.0

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	10.04	\$16,000	\$1,069,709	\$4,797,520	\$3,727,811

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 28.56	Report Number 19	Report End Date 6/27/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM TIH W/ TBG	24 Hour Forecast POH W/ MILL TIH W/STRING MILL
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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	07:30	0.50	SAFETY	ACTIVE	PJSM
07:30	08:30	1.00	CSG	ACTIVE	FMC TO INSPECT CSG DO TO TIGHT SPOT AT WELL HEAD
08:30	19:00	10.50	TRIP	ACTIVE	TIH W/4 1/2" BIT, BIT SUB, 515 JTS OF 2 7/8" PH-6 TBG,
19:00	06:00	11.00	SHUTDOWN	ACTIVE	SDFN



Partner Report

Report # 20 Date: 6/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$17,710	Cum To Date (Cost) \$2,588,687	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 56.2
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	9.04	\$17,710	\$1,087,419	\$4,797,520	\$3,710,101

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 29.56	Report Number 20	Report End Date 6/28/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM TRAVEL	24 Hour Forecast RIH W/ 4 1/2" STRING MILL

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	11:00	4.00	TRIP	ACTIVE	TIH W/ 4 1/2" BIT TO 15,992', RU POWER SWIVEL, BREAK CIRC.
11:00	16:00	5.00	DRLG	ACTIVE	DRLD TO 16,035', REC WIPER PLUG DEBRIS & CEMENT.
16:00	18:30	2.50	CIRC	ACTIVE	PUMPED GEL SWEEP, CIRC WELL CLEAN.



Partner Report

Report # 21 Date: 6/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$17,270	Cum To Date (Cost) \$2,605,957	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 57.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	10.04	\$17,270	\$1,104,689	\$4,797,520	\$3,692,831

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 30.56	Report Number 21	Report End Date 6/29/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM SHUTDOWN	24 Hour Forecast SHUTDOWN

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	18:00	11.00	TRIP	ACTIVE	POOH W/ 2 7/8" WORKSTRING & 4 1/2" BIT. TIH W/ 4 1/2" STRING MILL & 290 JTS 2 7/8" PH-6 WORK STRING TO 9,010'. SWI, SDFWE.
18:00	06:00	12.00	SHUTDOWN	ACTIVE	



Partner Report

Report # 22 Date: 7/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$17,120	Cum To Date (Cost) \$2,623,077	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 63.0

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	11.04	\$17,120	\$1,121,809	\$4,797,520	\$3,675,711

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 33.56	Report Number 22	Report End Date 7/2/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM PULLING TUBING	24 Hour Forecast TCP, BREAKDOWN
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	CIRC	ACTIVE	CIRCULATE HOLE CLEAN PUMPED TOTAL OF 300 BBLS H2O. SPOTTED 48 BBLS 7 1/2 HCL ACID @ 15,880-16,060 FT FOLLOWED WITH 84 BBLS H2O.
09:00	16:00	7.00	PULCOM	ACTIVE	PULLED 216 STANDS STOOD BACK IN DERRICK. LEFT 42 STANDS IN HOLE.
16:00	18:00	2.00	SAFETY	ACTIVE	SAFETY METTING AND SHUT DOWN FOR NIGHT.
18:00	06:00	12.00	SHUTDOWN	ACTIVE	



Partner Report

Report # 23 Date: 7/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687	

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$30,269	Cum To Date (Cost) \$2,653,346	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 64.7
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	12.04	\$30,269	\$1,152,077	\$4,797,520	\$3,645,443

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 34.56	Report Number 23	Report End Date 7/3/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM PULLINING TUBING	24 Hour Forecast RIG DOWN

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	PULCOM	ACTIVE	FINISH PULLING TUBING OUT OF HOLE TOTAL 42 STANDS. RIG DOWN BOP AND FRAC VALVE.
09:00	11:00	2.00	RIGU	ACTIVE	RU RED DIRT ISO TOOL AND TEST CASING TO 8500 PSI. HELD FOR 15 MIN BLED PSI DOWN RD RID DIRT ISO TOOL. NU FRAC VALVE AND BOP BACK OVER WELLHEAD.
11:00	13:00	2.00	RIGSVC	ACTIVE	HAD TO SHUT DOWN RIG TONGS BROKE DOWN
13:00	18:00	5.00	PERF	ACTIVE	START IN HOLE WITH 3 3/8 TCP GUNS, ON 3 2 7/8 8rd TUBING AND ON 511 JTS OF PH-6 TOTAL 514 JTS. PERF WELL FROM; GUN-1= 16,030 FT- 12 SHOTS GUN-2= 15970 FT- 12 SHOTS GUN-3- 15,910 FT- 12 SHOTS GUN-4 15,850 FT- 12 SHOTS ALL GUNS ARE DIRECT PSI. GUNS SHOT @ 2200 PSI MAX PSI- 3500 PSI @ 4.2 BPM PUMPED TOTAL 70 BBLs H2O ISIP- 2800 PSI.
18:00	21:00	3.00	PULCOM	ACTIVE	START LAYING DOWN 2 7/8 PH-6 TUBING. PULLED 190 JTS AND SHUT DOWN.
21:00	06:00	9.00	SHUTDOWN	ACTIVE	SHUT DOWN FOR NIGHT.



Partner Report

Report # 24 Date: 7/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$4,235	Cum To Date (Cost) \$2,628,162	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 86.5

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	13.04	\$4,235	\$1,126,894	\$4,797,520	\$3,670,626

Daily Operations

Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 47.56	Report Number 24	Report End Date 7/16/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM PREPARING TO FRAC STG 1.	24 Hour Forecast FRAC.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	RIGU	ACTIVE	MIRU WEATHERFORD FRAC EQUIPMENT, TRIDENT WATER TRANSFER, OIL STATES WHIT, SELECT TANKS, SHALE ACID TANKS, CDK WIRELINE EQUIPMENT, CREST PUMPING SERVICES AND CHEMICAL EQUIPMENT. SDFN.



Partner Report

Report # 25 Date: 7/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687	

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$319,446	Cum To Date (Cost) \$2,947,608	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 88.2

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	14.04	\$319,446	\$1,446,340	\$4,797,520	\$3,351,180

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 48.56	Report Number 25	Report End Date 7/17/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FRACING.	24 Hour Forecast FRAC.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 1 HORIZONTAL PERFORATIONS 16,850' - 16,032' W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE. FORMATION BROKE @ 2991 PSI @ 5 BPM. JOB - AVG PRESS 6350 PSI, AVG RATE 78 BPM MAX PRESS 8309 PSI .MAX RATE 82 BPM ISIP 2320 W/ FG 0.76 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4039 BBL SLICKWATER. USED 1800 BBL PRODUCED USED 102,180 LBS 100 MESH 95,120 LBS 40/70 OTTAWA SAND. SWI.
07:00	09:30	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 2, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 390 BBL SET CFP @ 15,830 '. PERFORATED 15,805-70' (12 HOLES), 15,15,760-62' (12 HOLES), 15,700-02' (12 HOLES) AND 15,640-42' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
09:30	11:00	1.50	SHUTDOWN	ACTIVE	WAITING TO FRAC STAGE 2.
11:00	11:30	0.50	RIGU	ACTIVE	RIGGED UP TO FRAC STAGE 2.



Partner Report

Report # 25 Date: 7/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
11:30	13:00	1.50	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 2 HORIZONTAL PERFORATIONS 15,640 - 15,807 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE.2238 PSI FORMATION BROKE @ 4738 PSI. JOB - AVG PRESS 5699 PSI, AVG RATE 80 BPM , MAX PRESS 6986 PSI .MAX RATE 80 BPM ISIP 2659 W/ FG 0.80 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 5618 BBLs SLICKWATER. USED 786 BBL PRODUCED USED 100,540 LBS 100 MESH USED 94,900 LBS 40/70 OTTAWA SAND. SWI.
13:00	16:00	3.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 3, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 389 BBL SET CFP @ 15,610 '. PERFORATED 15,400 - 02 ' (12 HOLES), 15,460-62 ' (12 HOLES), 15,520-22 ' (12 HOLES) AND 15,580-82 ' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
16:00	17:30	1.50	SHUTDOWN	ACTIVE	WAITING TO FRAC STAGE 3.
17:30	19:15	1.75	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 3 HORIZONTAL PERFORATIONS 15,400 - 15,582 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2277 PSI FORMATION BROKE @ 4977 PSI. JOB - AVG PRESS 5601 PSI, AVG RATE 78 BPM MAX PRESS 7752 PSI MAX RATE 88 BPM ISIP 2588 W/ FG 0.80 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4456 BBLs SLICKWATER. USED 968 BBLs PRODUCED USED 100,960 LBS 100 MESH USED 94,460 LBS 40/70 OTTAWA SAND. SWI.
19:15	21:45	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 4, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 414 BBLs SET CFP @ 15,370 '. PERFORATED 15,160-62 ' (12 HOLES), 15,220-22 ' (12 HOLES), 15,280-82 ' (12 HOLES) AND 15,340-42 ' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.



Partner Report

Report # 25 Date: 7/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
21:45	00:15	2.50	SHUTDOWN	ACTIVE	WAITING TO FRAC STAGE 4. WORKED ON BLENDER.
00:15	02:00	1.75	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 4 HORIZONTAL PERFORATIONS 15,160 - 15,342 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2238 PSI FORMATION BROKE @ 5684 PSI. JOB - AVG PRESS 5655 PSI, AVG RATE 80 BPM MAX PRESS 7192 PSI MAX RATE 81 BPM ISIP 2734 W/ FG 0.82 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4,546 BBLs SLICKWATER. USED 1,078 BBLs PRODUCED USED 101,180 LBS 100 MESH USED 94,220 LBS 40/70 OTTAWA SAND. SWI.
02:00	04:00	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 5, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 403 BBLs SET CFP @ 15,130 '. PERFORATED 14,920-22 ' (12 HOLES), 14,980-82' (12 HOLES), 15,040-42' (12 HOLES) AND 15,100-02' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
04:00	04:30	0.50	SHUTDOWN	ACTIVE	WAITING TO FRAC STAGE 5.
04:30	06:00	1.50	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 5 HORIZONTAL PERFORATIONS 14,920 - 15,102 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2345 PSI FORMATION BROKE @ 4018 PSI. JOB - AVG PRESS 5543 PSI, AVG RATE 80 BPM MAX PRESS 6497 PSI MAX RATE 81 BPM ISIP 2855 W/ FG 0.83 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4484 BBLs SLICKWATER. USED 1000 BBLs PRODUCED USED 101,000 LBS 100 MESH USED 95,980 LBS 40/70 OTTAWA SAND. SWI.



Partner Report

Report # 26 Date: 7/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$298,220	Cum To Date (Cost) \$3,245,828	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 89.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	15.04	\$298,220	\$1,744,560	\$4,797,520	\$3,052,960

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 49.56	Report Number 26	Report End Date 7/18/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FRACING	24 Hour Forecast FRAC

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 6, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 380 BBLs SET CFP @ 14,890'. PERFORATED 14,680-82' (12 HOLES), 14,740-42' (12 HOLES), 14,800-02' (12 HOLES) AND 14,860-62' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
08:30	10:00	1.50	SHUTDOWN	ACTIVE	WAITING TO FRAC STG 6.
10:00	12:00	2.00	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 6 HORIZONTAL PERFORATIONS 14,680 - 14,862 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2306 PSI FORMATION BROKE @ 3925 PSI. JOB - AVG PRESS 5616 PSI, AVG RATE 82 BPM MAX PRESS 7399 PSI MAX RATE 83 BPM ISIP 2513 W/ FG 0.79 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4575 BBLs SLICKWATER. USED 1013 BBLs PRODUCED USED 5588 COMBINED USED 101,860 LBS 100 MESH USED 99,040 LBS 40/70 OTTAWA SAND. SWI.
12:00	14:30	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 7, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 337 BBLs SET CFP @ 14,650'. PERFORATED 14,440-42' (12 HOLES), 14,500-02' (12 HOLES), 14,560-62' (12 HOLES) AND 14,620-22' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
14:30	16:00	1.50	SHUTDOWN	ACTIVE	WAITING TO FRAC STG 7.



Partner Report

Report # 26 Date: 7/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
16:00	18:00	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 7 HORIZONTAL PERFORATIONS 14,440- 14,622 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2374 PSI</p> <p>FORMATION BROKE @ 3815 PSI.</p> <p>JOB - AVG PRESS 5418 PSI, AVG RATE 79 BPM MAX PRESS 6675 PSI MAX RATE 81 BPM</p> <p>ISIP 2591 W/ FG 0.79 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 4,706 BBLs SLICKWATER. USED 1,004 BBLs PRODUCED</p> <p>USED 101,240 LBS 100 MESH USED 96,000 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
18:00	20:00	2.00	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 8 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 315 BBLs SET CFP @ 14,410'. PERFORATED 14,200-02 '(12 HOLES), 14,260-62 '(12 HOLES), 14,320-22 '(12 HOLES) AND 14,380-82 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>
20:00	20:15	0.25	SHUTDOWN	ACTIVE	<p>WAITING TO FRAC STG 8.</p>
20:15	21:45	1.50	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 8 HORIZONTAL PERFORATIONS 14,200 - 14,382 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2502 PSI</p> <p>FORMATION BROKE @ 4021 PSI.</p> <p>JOB - AVG PRESS 5569 PSI, AVG RATE 80 BPM MAX PRESS 6279 PSI MAX RATE 82 BPM</p> <p>ISIP 2834 W/ FG 0.83 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 4,681 BBLs SLICKWATER. USED 1,012 BBLs PRODUCED</p> <p>USED 102,000 LBS 100 MESH USED 95,980 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>



Partner Report

Report # 26 Date: 7/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
21:45	01:15	3.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 9 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 330 BBLS SET CFP @ 14,170 '. PERFORATED 13,960-62 '(12 HOLES), 14,020-22 '(12 HOLES), 14,080-82 '(12 HOLES) AND 14,140-42 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
01:15	02:15	1.00	SHUTDOWN	ACTIVE	WAITING TO FRAC STG 9.
02:15	03:45	1.50	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 9 HORIZONTAL PERFORATIONS 13,960 - 14,142 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2299 PSI FORMATION BROKE @ 3897 PSI. JOB - AVG PRESS 5340 PSI, AVG RATE 81 BPM MAX PRESS 6522 PSI MAX RATE 83 BPM ISIP 2937 W/ FG 0.85 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4,487 BBLS SLICKWATER. USED 1,000 BBLS PRODUCED USED 102,280 LBS 100 MESH USED 94,700 LBS 40/70 OTTAWA SAND. SWI.
03:45	06:00	2.25	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 10, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 325 BBLS SET CFP @ 13,930 '. PERFORATED 13,720-22 '(12 HOLES), 13,780-82 '(12 HOLES), 13,840-42 '(12 HOLES) AND 13,900-02 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL. FTR 59,604 BBLS.



Partner Report

Report # 27 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687	

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$364,375	Cum To Date (Cost) \$3,610,203	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 91.6
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	16.04	\$364,375	\$2,108,935	\$4,797,520	\$2,688,585

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 50.56	Report Number 27	Report End Date 7/19/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FRACING	24 Hour Forecast FRAC

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 10, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 325 BBLs SET CFP @ 13,930'. PERFORATED 13,720-22 '(12 HOLES), 13,780-82 '(12 HOLES), 13,840-42 '(12 HOLES) AND 13,900-02 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL. FTR 59,604 BBLs.
07:00	09:00	2.00	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 10 HORIZONTAL PERFORATIONS 13,960 - 13,720-22 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2284 PSI FORMATION BROKE @ 4817PSI. JOB - AVG PRESS 5472 PSI, AVG RATE 81 BPM MAX PRESS 6329 PSI MAX RATE 83 BPM ISIP 2723 W/ FG 0.81 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4,666 BBLs SLICKWATER. USED 1,076 BBLs PRODUCED USED 5742 BBL COMBINED USED 102,180 LBS 100 MESH USED 96,000 LBS 40/70 OTTAWA SAND. SWI.
09:00	11:30	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 11, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 298 BBLs SET CFP @ 13,690'. PERFORATED 13,480-82 '(12 HOLES), 13,540-42 '(12 HOLES), 13,600-02 '(12 HOLES) AND 13,660-62 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL. FTR 59,604 BBLs.



Partner Report

Report # 27 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
11:30	13:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 11 HORIZONTAL PERFORATIONS 13,480 - 13,662 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2399 PSI</p> <p>FORMATION BROKE @ 3880 PSI.</p> <p>JOB - AVG PRESS 5836 PSI, AVG RATE 81 BPM MAX PRESS 7620 PSI MAX RATE 83 BPM</p> <p>ISIP 2502 W/ FG 0.78 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 4,376 BBLs SLICKWATER. USED 1,240 BBLs PRODUCED</p> <p>USED 102,200 LBS 100 MESH USED 99,080 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
13:30	16:00	2.50	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 12, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 298 BBLs SET CFP @ 13,450'. PERFORATED 13,240-42 '(12 HOLES), 13,300-02 '(12 HOLES), 13,360-62 '(12 HOLES) AND 13,420-22 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>
16:00	17:30	1.50	SHUTDOWN	ACTIVE	<p>WAITING TO FRAC STG 12.</p>
17:30	19:00	1.50	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 12 HORIZONTAL PERFORATIONS 13,240-13,422 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2374 PSI</p> <p>FORMATION BROKE @ 4506 PSI.</p> <p>JOB - AVG PRESS 5513 PSI, AVG RATE 80 BPM MAX PRESS 7153 PSI MAX RATE 85 BPM</p> <p>ISIP 2773 W/ FG 0.82 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 4,823 BBLs SLICKWATER. USED 1,000 BBLs PRODUCED</p> <p>USED 102,940 LBS 100 MESH USED 97,060 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>



Partner Report

Report # 27 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
19:00	21:00	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 13, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 258 BBLs SET CFP @ 13,210'. PERFORATED 13,000-02 '(12 HOLES), 13,060-62 '(12 HOLES), 13,120-22 '(12 HOLES) AND 13,180-82 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
21:00	21:15	0.25	SHUTDOWN	ACTIVE	WAITING TO FRAC STG 13.
21:15	22:45	1.50	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 13 HORIZONTAL PERFORATIONS 13,000-13,182 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2277 PSI FORMATION BROKE @ 3889 PSI. JOB - AVG PRESS 5252 PSI, AVG RATE 80 BPM MAX PRESS 6019 PSI MAX RATE 81 BPM ISIP 2930 W/ FG 0.84 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4,755 BBLs SLICKWATER. USED 1,007 BBLs PRODUCED USED 102,100 LBS 100 MESH USED 96,660 LBS 40/70 OTTAWA SAND. SWI.
22:45	00:45	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 14, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 257 BBLs SET CFP @ 12,970'. PERFORATED 12,760-62 '(12 HOLES), 12,820-22 '(12 HOLES), 12,880-82 '(12 HOLES) AND 12,940-42 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
00:45	02:00	1.25	SHUTDOWN	ACTIVE	WAITING TO FRAC STG 14.



Partner Report

Report # 27 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
02:00	03:30	1.50	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 14 HORIZONTAL PERFORATIONS 12,760-12,942 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2270 PSI</p> <p>FORMATION BROKE @ 3658 PSI.</p> <p>JOB - AVG PRESS 5175 PSI, AVG RATE 81 BPM MAX PRESS 6747 PSI MAX RATE 81 BPM</p> <p>ISIP 2891 W/ FG 0.84 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 4,602 BBLS SLICKWATER. USED 1,001 BBLS PRODUCED</p> <p>USED 102,020 LBS 100 MESH USED 97,240 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
03:30	06:00	2.50	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 15, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 250 BBLS SET CFP @ 12,730'. PERFORATED 12,520-22' (12 HOLES), 12,580-82' (12 HOLES), 12,640-42' (12 HOLES) AND 12,700-02' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p> <p>FTR 89,493 BBLS.</p>



Partner Report

Report # 28 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687	

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$360,115	Cum To Date (Cost) \$3,970,318	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 93.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	17.04	\$360,115	\$2,469,050	\$4,797,520	\$2,328,470

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 51.56	Report Number 28	Report End Date 7/20/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FRACING	24 Hour Forecast FRAC

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 15, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 264 BBLS SET CFP @ 12,12,732'. PERFORATED 12,520-22 '(12 HOLES), 12,580-82 '(12 HOLES), 12,640-42 '(12 HOLES) AND 12,700-02 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
08:00	10:30	2.50	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 15 HORIZONTAL PERFORATIONS 12,520- 12,702 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2284 PSI FORMATION BROKE @ 3518 PSI. JOB - AVG PRESS 5038 PSI, AVG RATE 81 BPM MAX PRESS 7035 PSI MAX RATE 81 BPM ISIP 2513 W/ FG 0.79 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 5110 BBLS SLICKWATER. USED 419 BBLS PRODUCED USED 102,020 LBS 100 MESH USED 95,340 LBS 40/70 OTTAWA SAND. SWI.
10:30	13:00	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 16, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 250 BBLS SET CFP @ 12,490'. PERFORATED 12,280-82 '(12 HOLES), 12,340-42 '(12 HOLES), 12,400-02 '(12 HOLES) AND 12,460-62 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.



Partner Report

Report # 28 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
13:00	15:30	2.50	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 16 HORIZONTAL PERFORATIONS 12,280 - 12,462 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2366 PSI</p> <p>FORMATION BROKE @ 3636 PSI.</p> <p>JOB - AVG PRESS 4967 PSI, AVG RATE 81 BPM MAX PRESS 6911 PSI MAX RATE 84 BPM</p> <p>ISIP 2473 W/ FG 0.78 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5494 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 101,500 LBS 100 MESH USED 97,360 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
15:30	17:30	2.00	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 17, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 241 BBLs SET CFP @ 12,250'. PERFORATED 12,040-42 '(12 HOLES), 12,100-02 '(12 HOLES), 12,160-62 '(12 HOLES) AND 12,220-22 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>
17:30	18:30	1.00	SHUTDOWN	ACTIVE	<p>WAITING TO FRAC STAGE 17</p>
18:30	20:00	1.50	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 17 HORIZONTAL PERFORATIONS 12,040 - 12,222' W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2283 PSI</p> <p>FORMATION BROKE @ 3824 PSI.</p> <p>JOB - AVG PRESS 4783 PSI, AVG RATE 80 BPM MAX PRESS 6313 PSI MAX RATE 82 BPM</p> <p>ISIP 2861 W/ FG 0.83 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5,763 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 101,020 LBS 100 MESH USED 96,480 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>



Partner Report

Report # 28 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
20:00	22:00	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 18, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 208 BBLs SET CFP @ 12,210'. PERFORATED 11,800-02' (12 HOLES), 11,860-62' (12 HOLES), 11,920-22' (12 HOLES) AND 11,980-82' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
22:00	23:00	1.00	SHUTDOWN	ACTIVE	WAITING TO FRAC STAGE 18
23:00	00:30	1.50	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 18 HORIZONTAL PERFORATIONS 11,800 - 11,982' W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2229 PSI FORMATION BROKE @ 3832 PSI. JOB - AVG PRESS 5109 PSI, AVG RATE 79 BPM MAX PRESS 6124 PSI MAX RATE 82 BPM ISIP 2707 W/ FG 0.81 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 4,469 BBLs SLICKWATER. USED 995 BBLs PRODUCED USED 101,520 LBS 100 MESH USED 93,200 LBS 40/70 OTTAWA SAND. SWI.
00:30	02:30	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 19, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 192 BBLs SET CFP @ 11,770'. PERFORATED 11,560-62' (12 HOLES), 11,620-22' (12 HOLES), 11,680-82' (12 HOLES) AND 11,740-42' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
02:30	03:15	0.75	SHUTDOWN	ACTIVE	WAITING TO FRAC STAGE 19



Partner Report

Report # 28 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
03:15	04:45	1.50	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 19 HORIZONTAL PERFORATIONS 11,560 - 11,742 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2222 PSI</p> <p>FORMATION BROKE @ 4320 PSI.</p> <p>JOB - AVG PRESS 5061 PSI, AVG RATE 80 BPM MAX PRESS 5705 PSI MAX RATE 81 BPM</p> <p>ISIP 2971 PSI W/ FG 0.85 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 4,375 BBLs SLICKWATER. USED 1000 BBLs PRODUCED</p> <p>USED 101,640 LBS 100 MESH USED 95,325 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
04:45	06:00	1.25	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 20, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 190 BBLs SET CFP @ 11,530'. PERFORATED 11,320-22 '(12 HOLES), 11,380-82 '(12 HOLES), 11,440-42 '(12 HOLES) AND 11,500-02 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p> <p>FTR 118,464 BBLs.</p>



Partner Report

Report # 29 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687	

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$360,115	Cum To Date (Cost) \$4,330,433	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 95.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	18.04	\$360,115	\$2,829,165	\$4,797,520	\$1,968,355

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 52.56	Report Number 29	Report End Date 7/21/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FRFACING	24 Hour Forecast FRAC

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 20, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 220 BBLS SET CFP @ 11,530'. PERFORATED 11,320-22 '(12 HOLES), 11,380-82 '(12 HOLES), 11,440-42 '(12 HOLES) AND 11,500-02 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL
08:30	10:30	2.00	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 20 HORIZONTAL PERFORATIONS 11,320 - 11,502 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2261 PSI FORMATION BROKE @ 3410 PSI. JOB - AVG PRESS 4512 PSI, AVG RATE 79 BPM MAX PRESS 5072 PSI MAX RATE 81 BPM ISIP 2554 PSI W/ FG 0.79 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 5460 BBLS SLICKWATER. USED 0 BBLS PRODUCED USED 100,960 LBS 100 MESH USED 96,340 LBS 40/70 OTTAWA SAND. SWI.
10:30	12:30	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 21, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 203 BBLS SET CFP @ 11,290'. PERFORATED 11,080-82 '(12 HOLES), 11,140-42 '(12 HOLES), 11,200-02 '(12 HOLES) AND 11,260-62 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.



Partner Report

Report # 29 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
12:30	14:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 21 HORIZONTAL PERFORATIONS 11,080 - 11,262 W/ 212,000 GALS SLICKWATER, 101,970 LBS 100 MESH AND 95,986 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2301 PSI</p> <p>FORMATION BROKE @ 3585 PSI.</p> <p>JOB - AVG PRESS 4775 PSI, AVG RATE 79 BPM MAX PRESS 5705 PSI MAX RATE 81 BPM</p> <p>ISIP 2661 PSI W/ FG 0.80 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5600 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 101,520 LBS 100 MESH USED 96,620 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
14:30	16:30	2.00	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 22, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 190 BBLs SET CFP @ 11,050'. PERFORATED 10,840-42 '(12 HOLES), 10,900-02 '(12 HOLES), 10,960-62 '(12 HOLES) AND 11,020-22 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>
16:30	18:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 22 HORIZONTAL PERFORATIONS 10,840 - 11,022 W/ 238,644 GALS SLICKWATER, 101,060 LBS 100 MESH AND 95,200 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2269 PSI</p> <p>FORMATION BROKE @ 3456 PSI.</p> <p>JOB - AVG PRESS 4907 PSI, AVG RATE 80 BPM MAX PRESS 6717 PSI MAX RATE 81 BPM</p> <p>ISIP 3018 PSI W/ FG 0.86 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5682 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 101,060 LBS 100 MESH USED 95,200 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>



Partner Report

Report # 29 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
18:30	20:30	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 23, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 190 BBLS SET CFP @ 10,810'. PERFORATED 10,600-02 '(12 HOLES), 10,660-62 '(12 HOLES), 10,720-22 '(12 HOLES) AND 10,780-82 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
20:30	22:30	2.00	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 23 HORIZONTAL PERFORATIONS 10,600 - 10,782 W/ 224,784 GALS SLICKWATER, 102,020 LBS 100 MESH AND 95,700 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2343 PSI FORMATION BROKE @ 4012 PSI. JOB - AVG PRESS 4861 PSI, AVG RATE 80 BPM MAX PRESS 6966 PSI MAX RATE 81 BPM ISIP 2704 PSI W/ FG 0.81 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 5352 BBLS SLICKWATER. USED 0 BBLS PRODUCED USED 102,020 LBS 100 MESH USED 95,700 LBS 40/70 OTTAWA SAND. SWI.
22:30	00:30	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 24, PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 172 BBLS SET CFP @ 10570'. PERFORATED 10,540-42 '(12 HOLES), 10,480-82 '(12 HOLES), 10,420-42 '(12 HOLES) AND 10,360-62 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.



Partner Report

Report # 29 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
00:30	02:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 24 HORIZONTAL PERFORATIONS 10,360 - 10542 W/ 230,664 GALS SLICKWATER, 102,080 LBS 100 MESH AND 96,700 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2062 PSI</p> <p>FORMATION BROKE @ 3945 PSI.</p> <p>JOB - AVG PRESS 4647 PSI, AVG RATE 80 BPM MAX PRESS 6859 PSI MAX RATE 81 BPM</p> <p>ISIP 2864 PSI W/ FG 0.83 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5492 BBLS SLICKWATER. USED 0 BBLS PRODUCED</p> <p>USED 102,080 LBS 100 MESH USED 96,700 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>



Partner Report

Report # 30 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$359,120	Cum To Date (Cost) \$4,690,896	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 96.6
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	19.04	\$359,120	\$3,189,628	\$4,797,520	\$1,607,892

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 53.56	Report Number 30	Report End Date 7/22/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FRACING	24 Hour Forecast FRAC

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 25 HORIZONTAL PERFORATIONS 10,120 - 10,302 W/ 230,664 GALS SLICKWATER, 102,080 LBS 100 MESH AND 96,700 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2192 PSI FORMATION BROKE @ 3522 PSI. JOB - AVG PRESS 4773 PSI, AVG RATE 81 BPM MAX PRESS 6859 PSI MAX RATE 81 BPM ISIP 2655 PSI W/ FG 0.80 PSI/FT. USED 3,000 GALS 7 1/2% HCL ACID. USED 5499 BBLs SLICKWATER. USED 0 BBLs PRODUCED USED 101,960 LBS 100 MESH USED 96,200 LBS 40/70 OTTAWA SAND. SWI.
08:00	10:30	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 26 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 146 BBLs SET CFP @ 10,090 '. PERFORATED 9880-82 '(12 HOLES), 9940-42 '(12 HOLES), 10,000-02 '(12 HOLES) AND 10,060-62 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.



Partner Report

Report # 30 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
10:30	12:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 26 HORIZONTAL PERFORATIONS 9,880 - 10,062 W/ 230,664 GALS SLICKWATER, 102,080 LBS 100 MESH AND 96,700 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2306 PSI</p> <p>FORMATION BROKE @ 3144 PSI.</p> <p>JOB - AVG PRESS 4482 PSI, AVG RATE 80 BPM MAX PRESS 5024 PSI MAX RATE 81 BPM</p> <p>ISIP 2491 PSI W/ FG 0.79 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5403 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 102,260 LBS 100 MESH USED 96,080 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
12:30	14:30	2.00	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 27 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 172 BBLs SET CFP @ 9850 '. PERFORATED 9,640-42 ' (12 HOLES), 9,700-02 ' (12 HOLES), 9,760-62 ' (12 HOLES) AND 9,820-22 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>
14:30	16:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 27 HORIZONTAL PERFORATIONS 9,640 - 9,822 W/ 228,228 GALS SLICKWATER, 102,060 LBS 100 MESH AND 95,328 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2224 PSI</p> <p>FORMATION BROKE @ 3654 PSI.</p> <p>JOB - AVG PRESS 4656 PSI, AVG RATE 80 BPM MAX PRESS 5655 PSI MAX RATE 83 BPM</p> <p>ISIP 2691 PSI W/ FG 0.81 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5434 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 102,060 LBS 100 MESH USED 95,328 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
16:30	18:30	2.00	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 28 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 128 BBLs SET CFP @ 9,610 '. PERFORATED 9,400-02 ' (12 HOLES), 9,460-62 (12 HOLES), 9,520-22 (12 HOLES) AND 9,580-82 (12 HOLES) W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>



Partner Report

Report # 30 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
18:30	20:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 28 HORIZONTAL PERFORATIONS 9,400 - 9,582 W/ 230,664 GALS SLICKWATER, 102,080 LBS 100 MESH AND 96,700 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2062 PSI</p> <p>FORMATION BROKE @ 3945 PSI.</p> <p>JOB - AVG PRESS 4647 PSI, AVG RATE 80 BPM MAX PRESS 6859 PSI MAX RATE 81 BPM</p> <p>ISIP 2864 PSI W/ FG 0.83 PSI/FT.</p> <p>USED 3,000 GALS 7 1/2% HCL ACID.</p> <p>USED 5492 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 102,080 LBS 100 MESH USED 96,700 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
20:30	22:30	2.00	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 29 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 109 BBLs SET CFP @ 9370 ' . PERFORATED 9,160-62' (12 HOLES), 9,220-22' (12 HOLES), 9,280-82 (12 HOLES) AND 9,340-42' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>
22:30	00:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 29 HORIZONTAL PERFORATIONS 9160 - 9342 W/ 227,472 GALS SLICKWATER, 101,120 LBS 100 MESH AND 95,220 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2259 PSI</p> <p>FORMATION BROKE @ 3822 PSI.</p> <p>JOB - AVG PRESS 4649 PSI, AVG RATE 80 BPM MAX PRESS 5930 PSI MAX RATE 82 BPM</p> <p>ISIP 2773 PSI W/ FG 0.82 PSI/FT.</p> <p>USED 3,000 GALS 15% HCL ACID.</p> <p>USED 5416 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 101,120 LBS 100 MESH USED 95,220 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
00:30	02:30	2.00	PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 30 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 104 BBLs SET CFP @ 9130 ' . PERFORATED 8920-22' (12 HOLES), 8980-82' (12 HOLES), 9040-42' (12 HOLES) AND 9100-02' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>



Partner Report

Report # 30 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
02:30	04:30	2.00	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 29 HORIZONTAL PERFORATIONS 9160 - 9342 W/ 227,472 GALS SLICKWATER, 101,120 LBS 100 MESH AND 95,220 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2259 PSI</p> <p>FORMATION BROKE @ 3822 PSI.</p> <p>JOB - AVG PRESS 4649 PSI, AVG RATE 80 BPM MAX PRESS 5930 PSI MAX RATE 82 BPM</p> <p>ISIP 2773 PSI W/ FG 0.82 PSI/FT.</p> <p>USED 3,000 GALS 15% HCL ACID.</p> <p>USED 5416 BBLS SLICKWATER. USED 0 BBLS PRODUCED</p> <p>USED 101,120 LBS 100 MESH USED 95,220 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>



Partner Report

Report # 31 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687	

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$359,120	Cum To Date (Cost) \$5,050,016	Total WBS+Sup (Cost) \$6,387,520	Job % Complete (%) 98.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	20.04	\$359,120	\$3,548,748	\$4,797,520	\$1,248,772

Daily Operations					
Rig ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 54.56	Report Number 31	Report End Date 7/23/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FRACING	24 Hour Forecast FRAC

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 31 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 90 BBLs SET CFP @ 8890 ' PERF 8680-82' (12 HOLES), 8,740-42' (12 HOLES), 8,800-02' (12 HOLES) AND 8,860-62' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
08:30	10:30	2.00	STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 31 HORIZONTAL PERFORATIONS 8,680 - 8862 W/ 227,472 GALS SLICKWATER, 101,120 LBS 100 MESH AND 95,220 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2199 PSI FORMATION BROKE @ 5338 PSI. JOB - AVG PRESS 7603 PSI, AVG RATE 40 BPM MAX PRESS 8697 PSI MAX RATE 74 BPM ISIP 4253 PSI W/ FG 1.0 PSI/FT. USED 6,000 GALS 15% HCL ACID. USED 1757 BBLs SLICKWATER. USED 0 BBLs PRODUCED USED 4,000 LBS 100 MESH USED 0 LBS 40/70 OTTAWA SAND. SWI. NOTE: CUT STAGE SHORT DUE TO PRESSURE ISSUES
10:30	12:30	2.00	PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 32 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 93 BBLs SET CFP @ 8,650 ' PERF 8,440-42' (12 HOLES), 8,500-02' (12 HOLES), 8,560-62' (12 HOLES) AND 8,620-22' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.



Partner Report

Report # 31 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
12:30	14:00	1.50	STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 32 HORIZONTAL PERFORATIONS 8,440 - 8,622 W/ 227,472 GALS SLICKWATER, 101,120 LBS 100 MESH AND 95,220 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2349 PSI</p> <p>FORMATION BROKE @ 4895 PSI.</p> <p>JOB - AVG PRESS 6037 PSI, AVG RATE 79 BPM MAX PRESS 8370 PSI MAX RATE 81 BPM</p> <p>ISIP 2527 PSI W/ FG .79 PSI/FT.</p> <p>USED 3,000 GALS 15% HCL ACID.</p> <p>USED 4596 BBLs SLICKWATER. USED 1000 BBLs PRODUCED</p> <p>USED 102,000 LBS 100 MESH USED 95,820 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p>
14:00	14:00		PERF	ACTIVE	<p>RIGGED UP CDK WIRELINE TO PERF STAGE 33 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 66 BBLs SET CFP @ 8,410 '.</p> <p>PERF 8,200-02 ' (12 HOLES), 8,260-62 (12 HOLES), 8,320-22 ' (12 HOLES) AND 8,380-82 ' (12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED.</p> <p>SWI, RDWL.</p>
14:00	14:00		STIM	ACTIVE	<p>RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 33 HORIZONTAL PERFORATIONS 8,200 - 8,382 W/ 227,472 GALS SLICKWATER, 101,120 LBS 100 MESH AND 95,220 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING.</p> <p>PUMPED AS FOLLOWS:</p> <p>OPENING WELL PRESSURE 2199 PSI</p> <p>FORMATION BROKE @ 5338 PSI.</p> <p>JOB - AVG PRESS 7603 PSI, AVG RATE 40 BPM MAX PRESS 8697 PSI MAX RATE 74 BPM</p> <p>ISIP 4253 PSI W/ FG 1.0 PSI/FT.</p> <p>USED 6,000 GALS 15% HCL ACID.</p> <p>USED 1757 BBLs SLICKWATER. USED 0 BBLs PRODUCED</p> <p>USED 4,000 LBS 100 MESH USED 0 LBS 40/70 OTTAWA SAND.</p> <p>SWI.</p> <p>NOTE: CUT STAGE SHORT DUE TO PRESSURE ISSUES</p>



Partner Report

Report # 31 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
14:00	14:00		PERF	ACTIVE	RIGGED UP CDK WIRELINE TO PERF STAGE 34 , PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES CFP USED 66 BBLs SET CFP @ 8,170 ' PERF 7,960-62 '(12 HOLES), 8,020-22 (12 HOLES), 8,080-82 '(12 HOLES) AND 8,140-42 '(12 HOLES) W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED. SWI, RDWL.
14:00	14:00		STIM	ACTIVE	RIGGED UP WEATHERFORD, OIL STATES AND TRIDENT WT TO FRAC STAGE 34 HORIZONTAL PERFORATIONS 7,960 - 8,141 W/ 227,472 GALS SLICKWATER, 101,120 LBS 100 MESH AND 95,220 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 23# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PRESSURE 2199 PSI FORMATION BROKE @ 5338 PSI. JOB - AVG PRESS 7603 PSI, AVG RATE 40 BPM MAX PRESS 8697 PSI MAX RATE 74 BPM ISIP 4253 PSI W/ FG 1.0 PSI/FT. USED 6,000 GALS 15% HCL ACID. USED 1757 BBLs SLICKWATER. USED 0 BBLs PRODUCED USED 4,000 LBS 100 MESH USED 0 LBS 40/70 OTTAWA SAND. SWI. NOTE: CUT STAGE SHORT DUE TO PRESSURE ISSUES



Partner Report

Report # 32 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$75,400	Cum To Date (Cost) \$5,125,416	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	21.04	\$75,400	\$3,624,148	\$4,797,520	\$1,173,372

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 55.56	Report Number 32	Report End Date 7/24/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM RIGGING UP TO DRILL OUT FRAC PLUGS	24 Hour Forecast DRILL OUT FRAC PLUGS

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	MOB	ACTIVE	MIRU SELECT RIG #4
18:00	21:00	3.00	SHUTDOWN	ACTIVE	WO GRAVEL FOR LOCATION TO MOVE RIG IN AND RIG UP
21:00	06:00	9.00	RIGU	ACTIVE	RIG UP SELECT RIG #4, ND FRAC VALVE, NU BOP'S AND HYDRILL. MOVE IN CAT WALK AND PIPE RACKS, TALLY PIPE, TEST BLINDS TO 3,500 PSI AND HYDRILL. TEST MOTOR ON SURFACE, TEST GOOD. WAIT ON BIT.



Partner Report

Report # 33 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$57,500	Cum To Date (Cost) \$5,182,916	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	22.04	\$57,500	\$3,681,648	\$4,797,520	\$1,115,872

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 56.56	Report Number 33	Report End Date 7/25/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM WAITING ON 4 3/8 JZ BIT	24 Hour Forecast DRILL FRAC PLUGS

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	13:00	7.00	SHUTDOWN	ACTIVE	WAIT ON 4 3/8 JZ BIT (WELL HAS 23# CSG)
13:00	20:30	7.50	TRIP	ACTIVE	PU ANDTIH WITH 4 3/8 JZ BIT AND BHA AND 2 7/8 PH-6 TUBING TO KILL PLUG.
20:30	22:00	1.50	DRLG	ACTIVE	RIH TO 6,500' TO KILL PLUG. TAG KILL PLUG, AND PULL UP AND RU SWIVAL TO DRILL KILL PLUG.
22:00	23:00	1.00	DRLG	ACTIVE	DRILL KILL PLUG. TOP: 25 MIN, WHP: 500 PSI. R/IN: 1 BPM, R/OUT: 5. DRILL THRU PLUG, LD SWIVAL, PU 1100' TBG TO RIH TO 1ST FRAC PLUG AT 8890'.
23:00	05:00	6.00	DRLG	ACTIVE	GETTING 10 BBLS/MIN CIRCULATE WELL 600 PSI ON WELL.
05:00	06:00	1.00	DRLG	ACTIVE	PU TUBING START IH PSI 500 NO SAND 3800 BBLS BACK TOTAL.



Partner Report

Report # 34 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$62,450	Cum To Date (Cost) \$5,245,366	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	23.04	\$62,450	\$3,744,098	\$4,797,520	\$1,053,422

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 57.56	Report Number 34	Report End Date 7/26/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM WELL FLOW 10 BPM	24 Hour Forecast DRILL FRAC PLUGS

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
15:00	19:00	4.00	TRIP	ACTIVE	TIH WITH TUBING TO 1ST FRAC PLUG. TAG PLUG AT DEPTH OF _____ AND PU TUBING OFF PLUG AND RIGGED UP VISION SWIVAL TO START DRILLING OPERATIONS.
06:00	15:00	9.00	DRLG	ACTIVE	PLUG #1: DEPTH: 7,690', TOP40 MIN, WHP: 400 PSI, RIN: 2.5, ROUT: 8.5 PLUG #2: DEPTH: 7,930', TOP 30 MIN, WHP: 460 PSI, RIN: 2.5, ROUT: 8.5 PLUG #3: DEPTH: 8,170', TOP 20 MIN, WHP: 300 PSI, RIN: 2.5, ROUT: 7.5 PLUG #4: DEPTH: 8410', TOP 20 MIN, WHP: 480 PSI, RIN: 2.5, ROUT: 8.0 PLUG #5: DEPTH: 8640", TOP 15 MIN, WHP: 400 PSI, RIN: 2.5, ROUT: 8.0 PLUG #6: DEPTH: 8890", TOP 12 MIN, WHP: 500 PSI, RIN: 2.5, ROUT: 8.5
19:00	19:00		DRLG	ACTIVE	PLUG #1: DEPTH____ WHP____ TOP____ R/I____ R/O____. PLUG #2: DEPTH____ WHP____ TOP____ R/I____ R/O____.
19:00	20:00	1.00	DRLG	ACTIVE	FLOWBACK LEAK REPAIRED
20:00	02:00	6.00	DRLG	ACTIVE	PLUG #7: DEPTH: 9130", TOP 12 MIN, WHP: 500 PSI, RIN: 2.5, ROUT: 8.5 PLUG #8: DEPTH: 9370", TOP 12 MIN, WHP: 360 PSI, RIN: 2.5, ROUT: 8.5 PLUG #9 DEPTH 9610", TOP MIN, WHP: PSI, RIN; ROUT;
02:00	04:00	2.00	CIRC	ACTIVE	CIRCULATED WELL MOTOR LOCKED UP.
04:00	10:00	6.00	TRIP	ACTIVE	POOH CHANGE MOTOR STOP WAITING ON SNUBBING UNIT.



Partner Report

Report # 35 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$71,450	Cum To Date (Cost) \$5,316,816	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	24.04	\$71,450	\$3,815,548	\$4,797,520	\$981,972

Daily Operations

Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 58.56	Report Number 35	Report End Date 7/27/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM	24 Hour Forecast CHANGE MOTOR. DRILL PLUGS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	19:00	13.00	CIRC	ACTIVE	CIRCULATE WELL, WAIT ON SNUBBING UNIT
19:00	22:00	3.00	RIGU	ACTIVE	RU SNUBBING UNIT, DOWN FOR WEATHER.
22:00	01:00	3.00	DPIPE	ACTIVE	POOH 100 JNTS TUBING SLIPS BROKE,
01:00	06:00	5.00	DPIPE	ACTIVE	REPAIR TUBING SLIPS



Partner Report

Report # 36 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$78,450	Cum To Date (Cost) \$5,395,266	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	25.04	\$78,450	\$3,893,998	\$4,797,520	\$903,522

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 59.56	Report Number 36	Report End Date 7/28/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast CHANGE MOTOR DRILL PLUGS

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	TRIP	ACTIVE	POOH TBG TO CHANGE MOTOR.,
14:00	16:00	2.00	BHA	ACTIVE	CHANGE OUT MOTOR, TEST MOTOR AND BIT.
16:00	20:00	4.00	DRLG	ACTIVE	RIH 100 STANDS OF TBG HANG OFF SHUT IN
20:00	06:00	10.00	SHUTDOWN	ACTIVE	SHUT DOWN FOR SUNDAY



Partner Report

Report # 37 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$77,150	Cum To Date (Cost) \$5,472,416	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	26.04	\$77,150	\$3,971,148	\$4,797,520	\$826,372

Daily Operations

Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 60.56	Report Number 37	Report End Date 7/29/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM	24 Hour Forecast SHUT DOWN
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	SHUTDOWN	ACTIVE	SHUT IN FLOWBACK TILL 6 AM MONDAY



Partner Report

Report # 38 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$76,505	Cum To Date (Cost) \$5,548,921	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	27.04	\$76,505	\$4,047,653	\$4,797,520	\$749,867

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 61.56	Report Number 38	Report End Date 7/30/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast MILL OUT OBSTRUCTION.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	RUNCOM	ACTIVE	RIH TAG PLUG #10 JNT
09:00	16:00	7.00	DRLG	ACTIVE	PLUG #10 : DEPTH:9850', TOP 10 MIN, WHP: 200 PSI, RIN:2.5, ROUT: 3.0 PLUG #11 : DEPTH:10090', TOP 15 MIN, WHP: 300 PSI, RIN: 2.5, ROUT:5.0 PLUG #12 : DEPTH:10330', TOP 12 MIN, WHP: 400 PSI, RIN:2.5, ROUT: 6.0 PLUG #13 : DEPTH:10570', TOP 15 MIN, WHP: 400PSI, RIN: 2.5, ROUT: 6.0 PLUG #14 : DEPTH:10810', TOP 7 MIN, WHP: 300PSI, RIN:2.5, ROUT: 5.0 PLUG #15 : DEPTH:11050', TOP 15MIN, WHP: 500PSI, RIN:2.5, ROUT: 7.5 PLUG #16 : DEPTH:11290', TOP 15 MIN, WHP: 500 PSI, RIN: 2.5, ROUT: 7.5
16:00	17:00	1.00	SAFETY	ACTIVE	SAFETY MEETING WITH DAY AND NIGHT CREWS
17:00	18:00	1.00	CIRC	ACTIVE	CIRCULATE WELL
18:00	23:30	5.50	DRLG	ACTIVE	PLUG #17 : DEPTH 11,528', TOP 30 MIN, WHP: 550 PSI, RIN:2.5, ROUT: 7.5 PLUG #18 : DEPTH 11,770', TOP 11 MIN, WHP 500 PSI, RIN 2.5, ROUT 6.0 PLUG #19 : DEPTH 12,010', TOP 19 MIN, WHP 500 PSI, RIN 2.5, ROUT 7.5 NOTE: SAND AND FRICTION BETWEEN PLUGS.
23:30	00:30	1.00	CIRC	ACTIVE	CIRCULATE AND SWEEP WELL
00:30	03:30	3.00	DRLG	ACTIVE	PLUG #20: DEPTH 12250', CIH AND TAGGED SOLID AT 12,284' SLM. MOTOR TORQUED UP THREE TIMES AT FIRST, THEN ONLY NORMAL TORQUE AT 2 TO 6K ON BIT. NO PROGRESS IN 1 HOUR.
03:30	06:00	2.50	CIRC	ACTIVE	RAN 20 BBL HI-VIS SWEEP AND CIRCULATED AROUND. SAW LIGHT SAND AND PLUG PARTS BUT NO METAL SHAVINGS IN RETURNS AT SANDX.



Partner Report

Report # 39 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$78,485	Cum To Date (Cost) \$5,627,106	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	28.04	\$78,485	\$4,125,838	\$4,797,520	\$671,682

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 62.56	Report Number 39	Report End Date 7/31/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast SNUB IN BASKET GRAPPLE TO RECOVER FISH.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	15:00	9.00	LOG	ACTIVE	POOH DUE TO OBSTRUCTION @ 12,284' BADGER SNUBBING ON LOCATION @ 1000
15:00	18:00	3.00	RIGSVC	ACTIVE	EQUALIZATION HOSE WAS BLOCKED OFF WOULD NOT EQUALIZE. RIGGING UP A NEW HOSE WITH 101 JNTS LEFT TO PULL. LANDING IN THE WELLHEAD THE RUBBER SEAL ON THE HANGER TORE WHEN THE PIPE WAS GOING DOWN EQUALIZED THE WELL SET THE PINS THE WELL KEPT FLOWING.SHUT IN WELL PSI WENT FROM 300 PSI TO 1100 PSI.
18:00	19:00	1.00	WLHEAD	ACTIVE	PU REPLACED HANGER RUBBER TO SECURE WELL.
19:00	22:00	3.00	RIGU	ACTIVE	RU BADGER RIG ASSIST SNUB UNIT.
22:00	22:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
22:30	02:30	4.00	PULCOM	ACTIVE	SICP 1300 PSI. OPENED WELL AT 8 BPM AND DOWN TO 6 BPM AS PRESSURE FELL TO 400 PSI. POOH W/ SNUB ASSIST, STANDING BACK. FOUND THAT THE 2 7/8" MOTOR HAD PARTED. RECOVERED TOP SECTION (8") OF MOTOR LEAVING 2 7/8"x 9" MOTOR, BIT SUB AND BIT FISH. RU TUBING HANGER W/ 1 JT TUBING AND TIW VALVE TO CONTINUE FLOWING WELL TO PREVENT SAND OFF OVER FISH. WELL WAS MAKING LIGHT SAND WHILE POOH.
02:30	06:00	3.50	INACTIVE	INACTIVE	W/O VISION HOTSHOT OF BASKET GRAPPLE WITH 10' EXTENSION.



Partner Report

Report # 40 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$66,935	Cum To Date (Cost) \$5,694,041	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	29.04	\$66,935	\$4,192,773	\$4,797,520	\$604,747

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 63.56	Report Number 40	Report End Date 8/1/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast RECOVER FISH.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	20:30	14.50	FISH	ACTIVE	SNUB IN HOLE WITH 3 7/8" SPIRAL GRAPPLE TO FISH MOTOR ASSEMBLY AT 12,284'.
20:30	22:30	2.00	RIGU	ACTIVE	RU POWER SWIVEL OVER SNUB BASKET.
22:30	01:30	3.00	FISH	ACTIVE	PU SINGLES MAKING AERIAL CONNECTIONS. WASHED DOWN WITHOUT ROTATING WITH 1700 PSI AT 3 BPM IN AND 5 BPM OUT AT 375 PSI. SET FULL TUBING WEIGHT TO WASH DOWN TO 12,284' (TOF) WITH 396 JTS IN HOLE. COULD GO NO FURTHER. ROTATED TUBING A FEW TURNS TO BETTER ASSURE LATCH.
01:30	03:00	1.50	CIRC	ACTIVE	CIRCULATE TO CLEAN HOLE.
03:00	04:30	1.50	RIGD	ACTIVE	LD 1 JT AND RD SWIVEL,
04:30	06:00	1.50	PULCOM	ACTIVE	START SNUBBING OOH.



Partner Report

Report # 41 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$63,085	Cum To Date (Cost) \$5,757,126	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	30.04	\$63,085	\$4,255,858	\$4,797,520	\$541,662

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 64.56	Report Number 41	Report End Date 8/2/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast POOH, RECOVER FISH. RUN BIT AND MOTOR TO CONTINUE PLUG DRILLOUT.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	13:30	7.50	FISH	ACTIVE	POOH WITH SPIRAL GRAPPLE RECOVERY STANDING BACK. NO FISH
13:30	15:30	2.00	SAFETY	ACTIVE	MEASURE AND CONSULT WITH VISION TOOL COMPANY ABOUT SIZES AND OPTIONS. WAITING ON A 4 3/8 OVERSHOT WITH A 2 7/8 BASKET GRAPPLE TO BE DELIVERED.
15:30	18:00	2.50	BHA	ACTIVE	WAIT ON TOOL TO ARRIVE ON LOCATION. INSTALL NEW TOOL
18:00	02:00	8.00	RUNCOM	ACTIVE	SNUB IN HOLE WITH FISHING ASSEMBLY MADE UP OF CUT LIP GUIDE (0.80), 4 3/8" BOWL (1.31), 4 3/8" EXTENSION (3.0), TOP SUB (1.25), XO SUB (1.24) FLOATED SUB (1.50), FLOATED SUB (1.05). TAGGED FILL 59' ABOVE FISH AT 12,225'. LD SINGLE JT TUBING WITH 394 JTS IN HOLE.
02:00	03:30	1.50	RIGU	ACTIVE	RU POWER SWIVEL AND PU JT TUBING (395 JTS IN HOLE).
03:30	05:00	1.50	FISH	ACTIVE	ESTABLISHED RATE AT 3 BPM @ 1800 PSI. ROTATED AND WASHED DOWN. CIRCULATED 15 MINUTES, MADE CONNECTION AND WASHED TO FISH AT 12,284' WITH 4' OUT ON JT 396 . SLOWED RATE TO 1.5 BPM @ 1200 PSI AND WORKED OVER FISH. PRESSURE INCREASED TO 1400 PSI. WASHED DOWN 4' TO TOOL JT. PU JT 397 AND WORKED DOWN 3' MORE, PU AND SAT DOWN SEVERAL TIMES NOT MAKING ANY HOLE. PU OFF BOTTOM, PRESSURE REMAINED AT 1400 PSI. INCREASED RATE TO 2.5 BPM AT 1800 PSI. SD PUMP.
05:00	06:00	1.00	RIGD	ACTIVE	RD POWER SWIVEL AND LD 2 JTS TU COME OUT ON ODD TUBING CT.



Partner Report

Report # 42 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$63,085	Cum To Date (Cost) \$5,820,211	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	10.38	\$0	\$1,501,268	\$1,590,000	\$88,732
COMPLETION	31.04	\$63,085	\$4,318,943	\$4,797,520	\$478,577

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 65.56	Report Number 42	Report End Date 8/3/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast POOH, RECOVER FISH RUN BIT AND MOTOR TO CONTINUE PLUG DRILLOUT.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	17:00	11.00	FISH	ACTIVE	POOH,WITH GOOD INDICATION FISH WAS RETRIEVED. REPAIRED TONGS. FISH RETRIEVED, CHANGED OUT MOTOR AND BIT TO RIH
17:00	20:00	3.00	SAFETY	ACTIVE	DISCUSS PROCEDURES ON RIH, PU LOCATION.
20:00	06:00	10.00	SHUTDOWN	ACTIVE	SHUT DOWN FOR NIGHT. DISCUSS OPERATIONS FOR THE AM.



Partner Report

Report # 43 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$63,085	Cum To Date (Cost) \$5,885,144	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	32.04	\$63,085	\$4,347,760	\$4,797,520	\$449,760

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 66.56	Report Number 43	Report End Date 8/4/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast RIH DRILL PLUGS SHUT SOWN AT 1800.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SAFETY	ACTIVE	DISCUSS ACTIVITY'S OF OPERATIONS FOR THE DAY AND RIG UP PROCEDURES
07:00	17:00	10.00	RUNCOM	ACTIVE	RU MOTOR AND BIT, RIH TO 150 STANDS, RD SNUBBING.
17:00	18:00	1.00	PCHECK	ACTIVE	LAND TBG IN HANGER FOR SHUT DOWN. CK PSI ON FLOWBACK.,
18:00	06:00	12.00	SHUTDOWN	ACTIVE	SHUT DOWN UNTIL 8-5-13 600.



Partner Report

Report # 44 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$53,085	Cum To Date (Cost) \$5,938,229	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	33.04	\$53,085	\$4,400,845	\$4,797,520	\$396,675

Daily Operations

Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 67.56	Report Number 44	Report End Date 8/5/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM	24 Hour Forecast FLOW WELL, SHUT DOWN UNTILO 8-5-13 600.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	SHUTDOWN	ACTIVE	FLOW WELL SHUT IN UNTIL 8-5-13 600.



Partner Report

Report # 45 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$54,385	Cum To Date (Cost) \$5,992,614	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	34.04	\$54,385	\$4,455,230	\$4,797,520	\$342,290

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 68.56	Report Number 45	Report End Date 8/6/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast DO CFPS

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SAFETY	ACTIVE	DISCUSS THE DAYS OBJECTIVE
07:00	14:00	7.00	DRLG	ACTIVE	RIH TO OBSTRUCTION @ 12,284'
14:00	18:00	4.00	DRLG	ACTIVE	RU SWIVEL WITH 100 JNTS LEFT SWIVEL DOWN TO 12000' WASHING TO 12,284'
18:00	21:00	3.00	DRLG	ACTIVE	PLUG 12279' WHEN PUSHING PLUG DOWN PSI COMES UP ON TUBING PUSHING OVER WEIGHT ON THE MOTOR PER TOOLMAN
21:00	22:00	1.00	DPIPE	ACTIVE	RIG SWIVEL DOWN.
22:00	00:00	2.00	DPIPE	ACTIVE	SHUT DOWN CHANGE BIW RUBBER.
00:00	06:00	6.00	DPIPE	ACTIVE	POOH 130 STDS @ 600



Partner Report

Report # 46 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$38,775	Cum To Date (Cost) \$6,031,389	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	35.04	\$38,775	\$4,494,005	\$4,797,520	\$303,515

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 69.56	Report Number 46	Report End Date 8/7/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	
06:30	08:00	1.50	INACTIVE	INACTIVE	WAIT ON ORDERS
08:00	22:30	14.50	TRIP	ACTIVE	TIH W/ 194 JTS 2 7/8" PH-6 WORKSTRING. POOH & LD 200 JTS WORKSTRING.
22:30	00:30	2.00	RIGD	ACTIVE	LAND TBG, ND BIW HEAD & HYDRILL ANNULAR, REMOVE RIG FLOOR.
00:30	04:15	3.75	RIGU	ACTIVE	RU BADGER 80K SNUBBING UNIT.
04:15	06:00	1.75	TRIP	ACTIVE	POOH W/ BIT & MOTOR.



Partner Report

Report # 47 Date: 8/8/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$65,156	Cum To Date (Cost) \$6,096,545	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	36.04	\$65,156	\$4,559,161	\$4,797,520	\$238,359

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 70.56	Report Number 47	Report End Date 8/8/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM HU FLOW LINES	24 Hour Forecast FLOWTEST

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:45	0.75	TRIP	ACTIVE	FPOOH & LD 2 7/8" PH-6 WORKSTRING, MOTOR & BIT.
06:45	10:45	4.00	RIGU	ACTIVE	MOVE WORKSTING OFF PIPE RACKS, OFFLOAD 246 JTS 2 7/8" 8RD EUE L-80 PRODUCTION TBG ONTO PIPE RACKS. TALLY TBG.
10:45	18:15	7.50	TRIP	ACTIVE	TIH W/ MULESHOE DISC, 1 JT 2 7/8" L-80, F-NIPPLE, 21 JTS 2 7/8", X-NIPPLE, 224 JTS. LANDED TBG.
18:15	19:15	1.00	INACTIVE	INACTIVE	WAIT ON LIGHTNING TO PASS.
19:15	22:00	2.75	RIGD	ACTIVE	RD BADGER SNUBBING UNIT.
22:00	22:30	0.50	BOPS	ACTIVE	ND BOP
22:30	22:45	0.25	WLHEAD	ACTIVE	NU WELLHEAD TREE, PUMPED OUT CERAMIC DISC, SWI.
22:45	00:45	2.00	RIGD	ACTIVE	RDMO WOR.
00:45	06:00	5.25	SHUTDOWN	ACTIVE	



Partner Report

Report # 48 Date: 8/9/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,877	Cum To Date (Cost) \$6,105,422	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	37.04	\$8,877	\$4,568,038	\$4,797,520	\$229,482

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 71.56	Report Number 48	Report End Date 8/9/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	INACTIVE	INACTIVE	HOOK UP FLOWLINES TO WELL HEAD AND FLOW BACK TANKS.
10:00	06:00	20.00	FLWTST	ACTIVE	CHOKE- 19 TBG- 1,000 CSG- 1,050 OIL- 0 H2O- 1,285 GAS- 0 H2S- 0 SAND- NONE



Partner Report

Report # 49 Date: 8/10/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,877	Cum To Date (Cost) \$6,114,299	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	38.04	\$8,877	\$4,576,915	\$4,797,520	\$220,605

Daily Operations

Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 72.56	Report Number 49	Report End Date 8/10/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

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- 20 TBG- 700 CSG- 750 OIL- 0 H2O- 1,866 GAS- 0 H2S- 0 SAND- LIGHT



Partner Report

Report # 50 Date: 8/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,877	Cum To Date (Cost) \$6,123,176	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	39.04	\$8,877	\$4,585,792	\$4,797,520	\$211,728

Daily Operations

Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 73.56	Report Number 50	Report End Date 8/11/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

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-	20
					TBG-	550
					CSG-	760
					OIL-	0
					H2O-	1,728
					GAS-	0
					H2S-	0
					SAND-	NONE
					CHL-	N/A
					TWLTR-	N/A



Partner Report

Report # 51 Date: 8/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,131,983	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	40.04	\$8,807	\$4,594,599	\$4,797,520	\$202,921

Daily Operations

Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 74.56	Report Number 51	Report End Date 8/12/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM FLOW TESTING.	24 Hour Forecast FLOW TEST.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	FLOWED WELL TO TANKS 24 HRS ON VARIOUS CHOKES RECOVERING 2,056 BBLS LOAD WATER & 0 BBL OIL. LH FTP 500 PSI ON 24/64" CHOKE RECOVERING 87 BBLS LOAD WATER & 0 BBLS OIL. SICP 760 PSI. CL 129,000 PPM, SG 1.166 @ 115 *F. CONTINUE FLOWBACK OPERATIONS. FTR 182,929 BBL. RT 2,056 BBL. CR 6,935 BBL. LTR 175,994 BBL.



Partner Report

Report # 52 Date: 8/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,140,790	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	41.04	\$8,807	\$4,603,406	\$4,797,520	\$194,114

Daily Operations

Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 75.56	Report Number 52	Report End Date 8/13/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM FLOW TESTING.	24 Hour Forecast FLOW TEST.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	FLOWED WELL TO TANKS 24 HRS ON VARIOUS CHOKES RECOVERING 2,455 BBLS LOAD WATER & 0 BBL OIL. LH FTP 200 PSI ON 45/64" CHOKE RECOVERING 126 BBLS LOAD WATER & 0 BBLS OIL. SICP 550 PSI. CL 39,500 PPM, SG 1.046 @ 123 *F. CONTINUE FLOWBACK OPERATIONS. FTR 182,929 BBL. RT 2,455 BBL. CR 9,390 BBL. LTR 173,539 BBL.



Partner Report

Report # 53 Date: 8/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,149,597	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	42.04	\$8,807	\$4,612,213	\$4,797,520	\$185,307

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 76.56	Report Number 53	Report End Date 8/14/2013

Last Casing String
PRODUCTION 1, 16,139.0ftKB

Status at 6 AM FLOW TESTING.	24 Hour Forecast FLOW TEST.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	<p>FLOWED WELL TO TANKS 24 HRS ON VARIOUS CHOKES RECOVERING 2,878 BBLs LOAD WATER, 204 BBL OIL & 288 MCF GAS FLARED. LH FTP 150 PSI ON OPEN CHOKE RECOVERING 101 BBLs LOAD WATER & 5 BBLs OIL. SICP 450 PSI. CL 48,280 PPM, SG 1.057 @ 123 *F. CONTINUE FLOWBACK OPERATIONS.</p> <p>FTR 182,929 BBL. RT 2,878 BBL. CR 12,268 BBL. LTR 170,661 BBL.</p> <p>OIL TODAY 204 BBL. TOTAL OIL 204 BBL.</p>



Partner Report

Report # 54 Date: 8/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,158,404	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	43.04	\$8,807	\$4,621,020	\$4,797,520	\$176,500

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 77.56	Report Number 54	Report End Date 8/15/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FLOW TESTING.	24 Hour Forecast FLOW TEST.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	<p>FLOWED WELL TO TANKS 24 HRS ON VARIOUS CHOKES RECOVERING 2,359 BBLS LOAD WATER, 201 BBL OIL & 494 MCF GAS FLARED. LH FTP 150 PSI ON OPEN CHOKE RECOVERING 92 BBLS LOAD WATER & 15 BBLS OIL. SICP 400 PSI. CL 48,280 PPM, SG 1.055 @ 123 *F. CONTINUE FLOWBACK OPERATIONS.</p> <p>FTR 182,929 BBL. RT 2,359 BBL. CR 14,627 BBL. LTR 168,302 BBL.</p> <p>OIL TODAY 201 BBL. TOTAL OIL 615 BBL.</p> <p>NOTE - ADDING 210 BBL OIL TO TOTAL. THIS OIL WAS RECOVERED WHILE DRILLING PLUGS.</p>



Partner Report

Report # 55 Date: 8/16/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,167,211	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	44.04	\$8,807	\$4,629,827	\$4,797,520	\$167,693

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 78.56	Report Number 55	Report End Date 8/16/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FLOW TESTING.	24 Hour Forecast FLOW TEST.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	<p>FLOWED WELL TO TANKS 24 HRS ON OPEN CHOKE RECOVERING 2,052 BBLs LOAD WATER, 80 BBL OIL & 350 MCF GAS FLARED. LH FTP 125 PSI ON OPEN CHOKE RECOVERING 110 BBLs LOAD WATER & 2 BBLs OIL. SICP 380 PSI. CL 57,060 PPM, SG 1.066 @ 128 *F. CONTINUE FLOWBACK OPERATIONS.</p> <p>FTR 182,929 BBL. RT 2,052 BBL. CR 16,679 BBL. LTR 166,250 BBL.</p> <p>OIL TODAY 80 BBL. TOTAL OIL 695 BBL.</p> <p>NOTE - TRIED TO GO TO SALES W/ GAS. UNABLE TO BUCK LINE PRESSURE.</p>



Partner Report

Report # 56 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,176,018	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	45.04	\$8,807	\$4,638,634	\$4,797,520	\$158,886

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 79.56	Report Number 56	Report End Date 8/17/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FLOW TESTING.	24 Hour Forecast FLOW TEST.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	<p>FLOWED WELL TO SALES 24 HRS ON OPEN CHOKE RECOVERING 2,529 BBLS LOAD WATER, 114 BBL OIL & 100 MCF GAS FLARED. LH FTP 140 PSI ON OPEN CHOKE RECOVERING 102 BBLS LOAD WATER & 2 BBLS OIL. SICP 350 PSI. CL 57,060 PPM, SG 1.065 @ 124 *F. CONTINUE FLOWBACK OPERATIONS.</p> <p>FTR 182,929 BBL. RT 2,529 BBL. CR 19,208 BBL. LTR 163,721 BBL.</p> <p>OIL TODAY 114 BBL. TOTAL OIL 809 BB</p>



Partner Report

Report # 57 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,184,825	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	46.04	\$8,807	\$4,647,441	\$4,797,520	\$150,079

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 80.56	Report Number 57	Report End Date 8/18/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	TBG 130 CSG 350 CK 64/64 MCF 210 H2O 2169 OIL 289 CHL 52670



Partner Report

Report # 58 Date: 8/19/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,193,632	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	47.04	\$8,807	\$4,656,248	\$4,797,520	\$141,272

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 81.56	Report Number 58	Report End Date 8/19/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	TBG 90 CSG 300 CK 64/64 MCF 140 H2O 1691 OIL 243 CHL 52,670



Partner Report

Report # 59 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,202,439	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	48.04	\$8,807	\$4,665,055	\$4,797,520	\$132,465

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 82.56	Report Number 59	Report End Date 8/20/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	TBG 121 CSG 290 CK 64/64 H2O 1837 OIL 257 CHL 43,890



Partner Report

Report # 60 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$8,807	Cum To Date (Cost) \$6,211,246	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	49.04	\$8,807	\$4,673,862	\$4,797,520	\$123,658

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 83.56	Report Number 60	Report End Date 8/21/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	TBG 110 CSG 300 CK 64/64 H2O 1756 OIL 236 CHL 57,060



Partner Report

Report # 61 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$28,157	Cum To Date (Cost) \$6,239,403	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	50.04	\$28,157	\$4,702,019	\$4,797,520	\$95,501

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 84.56	Report Number 61	Report End Date 8/22/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FLOWBACK	24 Hour Forecast SNUB IN HOLE W/ DRILLING BHA AND TBG

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	RIGU	ACTIVE	MOVE EQUIPMENT OVER TO THE 3H.
08:00	10:00	2.00	WIRELINE	ACTIVE	RU DIAMOND D SLICKLINE TO SET PLUG IN X NIPPLE. COULD NOT GET A PLUG TO SET DUE TO ANGLE IN TBG. SLICKLINE CALLED IN FOR F STOPS AND COLLAR STOPS.
10:00	12:00	2.00	RIGU	ACTIVE	MIRU PULLING UNIT.
12:00	14:00	2.00	WIRELINE	ACTIVE	ATTEMPTED TO SET F STOP AND PLUG @ 7000'. COULD NOT GET PLUG TO TEST. MOVE UP HOLE TO 5000'. SET F STOP AND PLUG. PLUG WOULD NOT TEST.



Partner Report

Report # 62 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687	

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$31,157	Cum To Date (Cost) \$6,270,560	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	51.04	\$31,157	\$4,733,176	\$4,797,520	\$64,344

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 85.56	Report Number 62	Report End Date 8/23/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM ATTEMPTING TO SET TBG PLUG	24 Hour Forecast KILL WELL. POOH LAYING DOWN PRODUCTION TBG.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	WIRELINE	ACTIVE	MOVE UP HOLE TO 4400'. ENCOUNTERED TIGHT SPOT IN TBG WHILE RUNNING COLLAR LOCATOR. LEFT COLLAR LOCATOR IN HOLE. FISHED COLLAR LOCATOR... ATTEMPTED TO SET F STOP AND PLUG. COULD NOT GET F STOP TO SET. CHANGED OUT F STOP AND MADE A SECOND ATTEMPT @ 4400'. COULD NOT GET F STOP TO SET. CHANGED OUT F STOP AND ATTEMPTED TO SET F STOP @ 4400'. SET F STOP AND PLUG. PLUG WOULD NOT TEST.
18:00	22:00	4.00	WIRELINE	ACTIVE	SHIFT CHANGE. PULLED SLICKLINE TOOLS OUT OF HOLE. RDMO SLICKLINE UNIT PUMPED FRESH WATER DOWN ANNULUS REVERSING THROUGH TBG. NOTE: CHOKED TBG DOWN TO TO WORK GAS OUT OF WELLBORE. GOT TBG PSI DOWN TO 50 PSI W/ FRESH WATER. TOP KILLED WELL W/ 80 BBLs 10 LB BRINE (40 BBLs DOWN TBG AND 40 BBLs DOWN ANNULUS).
22:00	02:00	4.00	CIRC	ACTIVE	
02:00	04:00	2.00	BOPS	ACTIVE	ND WELLHEAD. NU BOP. POOH LAYING DOWN PRODUCTION TBG.
04:00	06:00	2.00	PULCOM	ACTIVE	POOH LAYING DOWN PRODUCTION TBG. NOTE: PUMP TRUCK TRICKLING BRINE IN WELLBORE WHILE TBG IS LAYED DOWN. KEPT SNUBBING UNIT ON STANDBY.
06:00	06:00				OART - FINISH POOH LAYING DOWN PRODUCTION TBG. PU AND RIH W/ DRILLING BHA AND WORK STRING TBG.



Partner Report

Report # 63 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$29,657	Cum To Date (Cost) \$6,297,217	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	52.04	\$29,657	\$4,759,833	\$4,797,520	\$37,687

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 86.56	Report Number 63	Report End Date 8/24/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM COLD CALLED FOR FISHING TOOLS	24 Hour Forecast FINISH POOH W/ FISH. PU AND RIH W/ DRILLING BHA AND TBG.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	SHUTDOWN	ACTIVE	WAITING ON FISHING TOOLS AND FORKLIFT.
10:00	17:00	7.00	FISH	ACTIVE	SWAP TBG ON RACKS. PU AND RIH W/ TBG SPEAR, BUMPER SUB, XOVER AND TBG. TAGGED FISH @ 4454' W/ JT 146. LATCHED ONTO FISH. POOH W/ TBG, FISHING TOOLS AND FISH. NOTE PULLED 18 STANDS AND STRING BEGAN TO PULL WET WITH OIL IN TBG.
17:00	18:00	1.00	SHUTDOWN	ACTIVE	COLD CALLED FOR MUD BUCKET.
18:00	21:00	3.00	PULCOM	ACTIVE	SHIFT CHANGE. POOH W/ TBG, FISHING TOOLS AND FISH. LAY DOWN FISHING TOOLS AND 226 JTS OF PRODUCTION TBG.
21:00	06:00	9.00	RUNCOM	ACTIVE	TEST MOTOR. RIH W/ DRILLING BHA AND 60 STANDS OF WORK STRING.
06:00	06:00				OART - FINISH RIH W/ DRILLING BHA AND TBG.



Partner Report

Report # 64 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$22,257	Cum To Date (Cost) \$6,319,474	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	53.04	\$22,257	\$4,782,090	\$4,797,520	\$15,430

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 87.56	Report Number 64	Report End Date 8/25/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM RIH W/ TBG AND DRILLING BHA	24 Hour Forecast D/O PLUGS

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	16:00	10.00	RUNCOM	ACTIVE	PU AND RIH W/ DRILLING BHA, 311 JTS 2 7/8" PH-6 TBG, 6 - 3 1/2" DRILL COLLARS, AND 80 JTS 2 7/8" PH-6 TBG.
16:00	18:00	2.00	PULCOM	ACTIVE	POOH STANDING BACK 40 STANDS TBG, AND 3 STANDS DRILL COLLARS, 44 STANDS TBG. SLOW.
18:00	18:00				OART - RIH W/ DC AND TBG OUT OF DERRICK. PU AND RIH TO 1ST PLUG @ 12,493'. D/O PLUGS



Partner Report

Report # 65 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$27,007	Cum To Date (Cost) \$6,346,481	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	54.04	\$27,007	\$4,809,097	\$4,797,520	(\$11,577)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 89.56	Report Number 65	Report End Date 8/27/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM CIRCULATING CLEAN	24 Hour Forecast CONTINUE DRILLING OUT CFPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING. NO PRESSURE ON WELL.
06:30	12:00	5.50	RUNCOM	ACTIVE	221 JTS IN HOLE. RIH FROM DERRICK W/ 168 JTS 2 7/8" WORKSTRING AND 6 DC. TAGGED PLUG #21. PU AND ESTABLISHED CIRCULATION.
12:00	14:30	2.50	DRLG	ACTIVE	DRILLED PLUG 21 AT 12,250'. CIH AND DO PLUG 22 (12,490'). STARTED RIH TO PLUG 23 (12,730') AND BEGAN WASHING SAND. RECOVERING VERY LITTLE PLUG PARTS AND NO SAND WITH 2.5 BPM IN AT 1,900 PSI AND 2.5 BPM OUT WITH 40 PSI AT WELLHEAD.
14:30	15:45	1.25	CIRC	ACTIVE	RAN SWEEP AND CIRCULATE TO CLEAN HOLE. RECOVERED LARGER PLUG PARTS AND LITTLE SAND.
15:45	18:00	2.25	DRLG	ACTIVE	DO PLUG 23, 2.5 BPM IN AND 2.5 BBL OUT AT 1,800 PSI TUBING AND 45 PSI WH. CIH AND DO PLUG 24 (12,970'). RECOVERING PLUG PARTS AND VERY LITTLE SAND.
18:00	05:00	11.00	DRLG	ACTIVE	SHIFT CHANGE. WASHED TO AND TAGGED PLUG 25 AT 13,284', JT 421 AND DO 16 MIN. WASHED TO AND TAGGED PLUG 26 AT 13,508' AND DO IN 11 MIN. CIRCULATED CLEAN. WASHED TO AND TAGGED PLUG 27 AT 13,718' AND DO IN 29 MIN. WASHED TO AND TAGGED PLUG 28 AT 13,925' AND DO IN 10 MIN. WASHED TO AND TAGGED PLUG 29 AT 14,203', JT 451, AND DO IN 16 MIN. WASHED TO AND TAGGED PLUG 30 AT 14,448', JT 459.
05:00	06:00	1.00	CIRC	ACTIVE	CIRCULATING CLEAN WITH 2.5 BPM IN AND 2.25 BPM OUT WITH 40 PSI ON WELLHEAD AND 2000 PSI ON TUBING. TORQUE INCREASING. PUMPING SWEEPS AND CIRCULATING TO CLEAN HOLE.



Partner Report

Report # 66 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$38,225	Cum To Date (Cost) \$6,388,429	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	55.04	\$38,225	\$4,851,045	\$4,797,520	(\$53,525)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 90.56	Report Number 66	Report End Date 8/28/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM CIRCULATING CLEAN	24 Hour Forecast RUN GLVS

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	CIRC	ACTIVE	CIRCULATED AT 2.5 BPM IN AND 2 BPM OUT AT 1,900 PSI AND 30-40 PSI ON WH.
08:00	18:00	10.00	DRLG	ACTIVE	DO PLUG 30 AT 14,448', JT 461, IN 10 MIN. WASHED SAND TO PLUG 31 AT 14,834'. CIRCULATED BU. DO PLUG 31 IN 10 MIN AND WASHED SAND TO PLUG 32 AT 14,973', JT 475. TORQUE INCREASED AND WH DOWN TO 20-30 PSI. CIRCULATED SWEEP AROUND RECOVERING CONSTANT LIGHT TO MED SAND. DO PLUG 32 IN 35 MIN. CIRCULATED BU.
18:00	21:30	3.50	DRLG	ACTIVE	WASHED TO AND DO PLUG 33 AT 15,164', JT 482 IN 7 MIN. WASHED TO AND DO PLUG 34 AT 15,402' IN 29 MIN.
21:30	23:30	2.00	CIRC	ACTIVE	CIRCULATE CLEAN AT 15,409' AT 2.5 BPM IN AND 2 BPM OUT, 2000 PSI ON TUBING AND 40-60 PSI ON WH.
23:30	03:00	3.50	DRLG	ACTIVE	WASHED TO PLUG 35 AT 15,640', JT 497. DO IN 10 MIN. WASHED TO 15,840', TORQUE WHEN TO 3,300 FT/LB. START FR AND SWEEPS WHILE CIRCULATING CLEAN.
03:00	05:00	2.00	CIRC	ACTIVE	CIRCULATING TO CLEAN HOLE.
05:00	06:00	1.00	DRLG	ACTIVE	WASHED AND DRILLED PLUG 36. WASHING TO PBTD.



Partner Report

Report # 67 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$59,400	Cum To Date (Cost) \$6,444,354	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	56.04	\$59,400	\$4,906,970	\$4,797,520	(\$109,450)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 91.56	Report Number 67	Report End Date 8/29/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM	24 Hour Forecast RDMO RIG. FLOWBACK

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	DRLG	ACTIVE	CIH WITH MOTOR AND BIT TO CLEAN OUT TO PBTD AT 16,030'. BEGAN LOCKING UP AND GETTING STUCK AT 15,883'. DECISION TO CIRCULATE CLEAN AND POOH.
08:00	12:00	4.00	CIRC	ACTIVE	CIRCULATING CLEAN WITH NLIMITED RETURNS. 2.5 BPM IN AND 1.5 - 2 BPM OUT WITH 2,200 PSI ON TUBING AND 40-50 PSI ON WH. RAN SWEEPS AND SPOTTED FR IN LATERAL.
12:00	13:00	1.00	RIGD	ACTIVE	RD SWIVEL AND PREPARE TO POOH.
13:00	21:00	8.00	PULCOM	ACTIVE	POOH AND LD 505 JTS 2 7/8" PH6 WORKSTRING. LD PUMP. FOUND THE PUMP BARREL HAD SNAPPED INTO.
21:00	01:00	4.00	BHA	ACTIVE	MOVED WORKSTRING OFF PIPE RACKS AND MOVED PRODUCTION TBG TO RACKS. TALLIED TUBING AND RU STEALTH TUBING TESTERS.
01:00	06:00	5.00	RUNCOM	ACTIVE	PU AND RIH, WHILE HYDROTESTING TO 6,000 PSI BELOW SLIPS, WITH 2 7/8", 6.5#, 8RD TUBING AND 10 GLVS. LACK 50 JTS TO LANDING POINT AT REPORT TIME.



Partner Report

Report # 68 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$22,470	Cum To Date (Cost) \$6,466,824	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	57.04	\$22,470	\$4,929,440	\$4,797,520	(\$131,920)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 92.56	Report Number 68	Report End Date 8/30/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
Status at 6 AM FLOWBACK	24 Hour Forecast FLOWBACK

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	WLHEAD	ACTIVE	LANDED TUBING AND GLVS. ND BOPE AND NU PRODUCTION TREE.
08:00	10:00	2.00	RIGD	ACTIVE	RDMO RIG AND SUPPORT EQUIPMENT. RU FLOWBACK TO WELLHEAD.
10:00	06:00	20.00	FLWTST	ACTIVE	FLOWBACK: TBG - 5 CSG -50 CHK - W/O OIL - 0 WATER - 70 GAS - TSTM



Partner Report

Report # 69 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$2,620	Cum To Date (Cost) \$6,469,444	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)
DRILLING	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	58.04	\$2,620	\$4,932,060	\$4,797,520	(\$134,540)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 93.56	Report Number 69	Report End Date 8/31/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	FLOWBACK: TBG - 0 CSG -50 CHK - W/O OIL - 0 WATER - 27 GAS - 0



Partner Report

Report # 70 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$2,620	Cum To Date (Cost) \$6,472,064	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	59.04	\$2,620	\$4,934,680	\$4,797,520	(\$137,160)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 94.56	Report Number 70	Report End Date 9/1/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	FLOWBACK: TBG - 0 CSG -50 CHK - W/O OIL - 0 WATER - 0 GAS - 0



Partner Report

Report # 72 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$2,620	Cum To Date (Cost) \$6,477,304	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	61.04	\$2,620	\$4,939,920	\$4,797,520	(\$142,400)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 96.56	Report Number 72	Report End Date 9/3/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	CHOKE-	W/O
					TBG-	230
					CSG-	980
					OIL-	409
					H2O-	2399
					GAS-	916.09
					H2S-	0
					CHL-	61,628
					TWLTR-	182,929



Partner Report

Report # 73 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 13, BLK 49, ULS	API/UWI 4210541687	Latitude (°) 31° 4' 29.551" N	Longitude (°) 101° 23' 46.531" W	Ground Elev... 2,733.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,758.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 16,180.0	Authorized Depth TVD (ftKB)	API/UWI 4210541687

Costs					
WBS Number 01-04387.01;01-04387.02;01-04387.03;01-04387.04;01-04387.05	Planned Days (days) 48.00	Daily Cost (Cost) \$2,620	Cum To Date (Cost) \$6,479,924	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	10.38	\$0	\$1,537,384	\$1,590,000	\$52,616
COMPLETION	62.04	\$2,620	\$4,942,540	\$4,797,520	(\$145,020)

Daily Operations					
Rig SELECT WELL SERVICE, 4					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 16,142.0	End Depth (TVD) (ftKB) 7,162.5	DFS (days) 97.56	Report Number 73	Report End Date 9/4/2013

Last Casing String PRODUCTION 1, 16,139.0ftKB	
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	CHOKE- W/O TBG- 210 CSG- 975 OIL- 329 H2O- 1711 GAS- 797.96 H2S- 0 CHL- 61,628 TWLTR- 149,136