



Partner Report

Report # 1 Date: 5/11/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>							
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757				

<b>Costs</b>							
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$33,140	Cum To Date (Cost) \$33,140	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 5.0		

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	1.00	\$33,140	\$33,140	\$1,590,000	\$1,556,860
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

**Daily Operations**

Rig PRO OILFIELD SERVICES, 1							
Drilled Last 24 Hours (ft)	End Depth (ftKB) 0.0	End Depth (TVD) (ftKB)	DFS (days) -0.35	Report Number 1	Report End Date 5/11/2013		
Last Casing String							

Status at 6 AM RIGGING UP	24 Hour Forecast FINISH RIGGING UP SND SPUD WELL
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<b>Time Log</b>							
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description		
06:00	06:00	24.00	MOB	ACTIVE	SET RIG IN AND RIG UP		



Partner Report

Report # 2 Date: 5/12/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$1,640	Cum To Date (Cost) \$34,780	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 9.8
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	2.00	\$1,640	\$34,780	\$1,590,000	\$1,555,220
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 360.00	End Depth (ftKB) 385.0	End Depth (TVD) (ftKB)	DFS (days) 0.65	Report Number 2	Report End Date 5/12/2013
Last Casing String					

Status at 6 AM WORKING STUCK PIPE	24 Hour Forecast WORKING PIPE FISHING
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:30	8.50	MOB	ACTIVE	FINISH RIGGING UP
14:30	01:00	10.50	DRLG	ACTIVE	SPUD WELL FROM 0' GL (25' KB) TO 360' GL (385' KB) TAKING SURVEYS EVERY 95' AND PUMPING HIGH VIS SWEEPS EVERY 95' 25K WOB 75 RPM ON TOP DRIVE STAGE FLOW RATE FROM 250 UP TO 420 GPM
01:00	06:00	5.00	FISH	ACTIVE	WORK STUCK PIPE @ 385' RAN SURVEY MADE BACK UP ON STUMP KICKED PUMP IN AND PICKED UP PULLED TIGHT PULLED 30K OVER STRING WEIGHT. STRING WEIGHT WAS 25K. PUMP PSI WENT TO 1,200# TRYED BLEEDING OFF PSI AND WORKING PIPE. PIPE WOULD NOT FREE UP.



Partner Report

Report # 3 Date: 5/13/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$2,040	Cum To Date (Cost) \$200,820	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 14.0

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	3.00	\$2,040	\$200,820	\$1,590,000	\$1,389,180
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 385.0	End Depth (TVD) (ftKB)	DFS (days) 1.65	Report Number 3	Report End Date 5/13/2013
Last Casing String					

Status at 6 AM RUNNING FREE POINT	24 Hour Forecast JAR ON STUCK BHA
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	13:00	7.00	FISH	ACTIVE	WORK STUCK PIPE. PIPE STUCK @ 385' PICKED UP A SET OF SURFACE JARS JARRED ON STUCK NO MOVEMENT IN THE 7HR OF JARRING. CALLED FOR FREE POINT TRUCK.
13:00	15:00	2.00	FISH	ACTIVE	WAIT ON FREE POINT TRUCK
15:00	21:00	6.00	FISH	ACTIVE	KEEP JARRING WILE WAITING ON FREE POINT TRUCK.
21:00	22:00	1.00	FISH	ACTIVE	LAY DOWN JARS
22:00	02:00	4.00	FISH	ACTIVE	WAIT ON FREE POINT TRUCK
02:00	04:00	2.00	FISH	ACTIVE	HAVE SAFETY MEETING WITH FREE POINT CREW AND RIG UP FREE POINT TRUCK
04:00	06:00	2.00	FISH	ACTIVE	RUN TOOLS IN HOLE FIND STUCK POINT SHOWED TO BE STUCK FROM SHOCK BACK UP TO FIRST 6" DC 80% OF 6"DC STUCK 167' OF BHA STUCK.



Partner Report

Report # 4 Date: 5/14/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$2,040	Cum To Date (Cost) \$202,860	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 17.8
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	4.00	\$2,040	\$202,860	\$1,590,000	\$1,387,140
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 385.0	End Depth (TVD) (ftKB) 384.7	DFS (days) 2.65	Report Number 4	Report End Date 5/14/2013
Last Casing String					

Status at 6 AM WOC	24 Hour Forecast WOC
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	FISH	ACTIVE	BACK OFF LEAVING 1-BIT 3-8"DC SHOCK SUB AND 1-6"DC IN HOLE 138' OF BHA LEFT IN HOLE.
08:00	09:00	1.00	FISH	ACTIVE	LAY DOWN FREE POINT TOOLS AND RIG DOWN TRUCK.
09:00	10:00	1.00	FISH	ACTIVE	TOOH TO PICK UP JARS.
10:00	12:30	2.50	FISH	ACTIVE	PICK UP JARS AND TIH.
12:30	19:30	7.00	FISH	ACTIVE	JAR ON STUCK PIPE FOR 7HR NO MOVEMENT NO CIRCULATION.
19:30	00:30	5.00	FISH	ACTIVE	WAIT ON FREEPOINT TRUCK AND RUN FREE POINT AND BACK OFF ON TOP OF FISH.
00:30	02:00	1.50	TRIP	ACTIVE	LAY DOWN DC AND JARS
02:00	03:00	1.00	TRIP	ACTIVE	TIH WITH DP TO TOP OF FISH @ 218'
03:00	04:00	1.00	CMTPRI	ACTIVE	PUMP CMT CIRCULATE BACK TO SURFACE WITH 225 SX TOOH AND TOP OUT WITH 25 SX
04:00	06:00	2.00	CMTPRI	ACTIVE	WOC



Partner Report

Report # 5 Date: 5/15/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$2,040	Cum To Date (Cost) \$204,900	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 20.9
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	5.00	\$2,040	\$204,900	\$1,590,000	\$1,385,100
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 80.00	End Depth (ftKB) 105.0	End Depth (TVD) (ftKB) 105.0	DFS (days) 3.65	Report Number 5	Report End Date 5/15/2013
Last Casing String					

Status at 6 AM WOC	24 Hour Forecast WOC DRILL STARTER HOLE FOR DD TOOLS
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	04:00	22.00	CMTPRI	ACTIVE	WOC A TOTLE OF 24HR
04:00	06:00	2.00	DRLG	ACTIVE	DRILL F/ 25 T/ 80 ( 105KB) WOB 20 ROTY 30 DOWN HOLE RPM 106 PUMP RATE STAGE UP FROM 250 TO 420 GPM PUMPING HIGH VIS PILLS EVERY 95'



**Partner Report**

**Report # 6 Date: 5/16/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$2,040	Cum To Date (Cost) \$206,940	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 24.5

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	6.00	\$2,040	\$206,940	\$1,590,000	\$1,383,060
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 265.00	End Depth (ftKB) 370.0	End Depth (TVD) (ftKB) 369.7	DFS (days) 4.65	Report Number 6	Report End Date 5/16/2013
Last Casing String					

Status at 6 AM DRILLING	24 Hour Forecast TD SURFACE
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<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	DRLG	ACTIVE	TIME DRILL F/ 80' TO 370' 5MIN TO 1" FULL RETURNS PUMPING HIGH VIS SWEEPS EVERY 95' 20 WOB RPM 76 100% SLIDE



Partner Report

Report # 7 Date: 5/17/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757
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Costs

WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$2,040	Cum To Date (Cost) \$208,980	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 29.2
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	7.00	\$2,040	\$208,980	\$1,590,000	\$1,381,020
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 424.00	End Depth (ftKB) 794.0	End Depth (TVD) (ftKB)	DFS (days) 5.65	Report Number 7	Report End Date 5/17/2013

Last Casing String  
SURFACE, 794.0ftKB

Status at 6 AM RIGGING DOWN CMT CREW	24 Hour Forecast RIG DOWN INSTALL WELL HEAD MOVE RIG.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	DRLG	ACTIVE	DRILL F/ 370' T/ 769' PUMPING HIGH VIS SWEEPS EVERY 95' PUMP RATE 450 GPM WOB 25 RPM 105
14:00	15:30	1.50	CIRC	ACTIVE	CIRCULATE 2 HIGH VIS PILLS AROUND SPOT HIGH PILL ON BACK SIDE
15:30	23:00	7.50	TRIP	ACTIVE	TOOH WITH MIN DRAG LAY DOWN 8" DC AND DD TOOLS
23:00	03:00	4.00	CSG	ACTIVE	RIG UP CRT AND RUN 9 5/8 CSG TO 794' SET AT 769' RAN CENT MIDDLE OF FIRST JT AND EVERY OTHER JT THERE AFTER. TOTLE OF 10.
03:00	04:00	1.00	CIRC	ACTIVE	CIRCULATE HOLE 1 1/2 TIME THE CAPACITY OF THE HOLE TO ENSURE FLOAT EQUIPMENT IS CLEAR PRIOR TO CMT JOB.
04:00	06:00	2.00	CMTPRI	ACTIVE	RIG UP CMT CREW TEST LINES TO 2,500PSI PUMP 20 BBL FRESH WATER SPACER 106 BBLS TAIL CMT @ 13.5 PPG 340SX DROPEL PLUG AND DISPLACED WITH 45BBLS FLOAT HELD RIG DOWN CMT CREW CIRCULATED 60BBLS OF CMT 192SX



Partner Report

Report # 8 Date: 5/18/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$58,032	Cum To Date (Cost) \$267,012	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 32.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	7.21	\$58,032	\$267,012	\$1,590,000	\$1,322,988
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig PRO OILFIELD SERVICES, 1					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 794.0	End Depth (TVD) (ftKB)	DFS (days) 6.65	Report Number 8	Report End Date 5/18/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM MOVE RIG	24 Hour Forecast RIG UP

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	RIGD	ACTIVE	RIG DOWN FLOOR AND MAKE RUFF CUT ON 9 5/8" CSG MOVE RIG OFF HOLE.
08:00	11:00	3.00	WLHEAD	ACTIVE	INSTALL WELL HEAD 14" BELOW GROUND LEVEL TEST TO 1,500 PSI NICK SHAP WITNESS TEST. RIG RELEASED @ 11:00AM



**Partner Report**

**Report # 9 Date: 5/22/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$38,183	Cum To Date (Cost) \$356,804	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 38.7
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	8.21	\$38,183	\$356,804	\$1,590,000	\$1,233,196
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 794.0	End Depth (TVD) (ftKB)	DFS (days) 10.65	Report Number 9	Report End Date 5/22/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM WAITING ON DAY LIGHT	24 Hour Forecast RIG DOWN ON UNIVERSITY 52-24 4H AND R/U ON UNIVERSITY 52-23 7H

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON,FOWLER AND RIG CREWS
06:30	18:00	11.50	MOB	ACTIVE	RIG DOWN WALKING PACKAGE, BOP WRENCHES, TOP DRIVE, DES EQUIPMENT, RIG FLOOR, MUD TANKS , WATER TANKS , MUD PUMPS ,TOP DRIVE HOUSE, ACCUMULATOR ,PIPE WRANGLER, INSTALL BLOCK CRADLE, LOAD OUT AND MOVE ,DRILL PIPE, MISS. EQ.,DES EQUIPMENT ,BOPS,ACCUMULATOR, V-DOOR/CATWALK, PIPE WRANGLER TO UNIVERSITY 52-23 7H, DERRICK ON RACK AT 18:30  50% RIGGED DOWN 15% MOVED 0% SET IN 0% RIGGED UP 24 HOURS FROM RIG RELEASE  FOWLER TRUCKING ON LOCATION 8 TRUCKS 0 CRANES 1 TANDEM 1 POLE TRUCK 1 FORKLIFT
18:00	06:00	12.00	SHUTDOWN	ACTIVE	WAITING ON DAYLIGHT



**Partner Report**

**Report # 10 Date: 5/23/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00
				Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757
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**Costs**

WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$26,783	Cum To Date (Cost) \$383,587	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 41.5
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	9.21	\$26,783	\$383,587	\$1,590,000	\$1,206,413
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

**Daily Operations**

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 794.0	End Depth (TVD) (ftKB)	DFS (days) 11.65	Report Number 10	Report End Date 5/23/2013

Last Casing String  
SURFACE, 794.0ftKB

Status at 6 AM WAITING ON DAY LIGHT	24 Hour Forecast RIG UP ON UNIVERSITY 52-23 7H AND FINISH HAULING EVERYTHING OFF UNIVERSITY 52-24 4H
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**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON, CACTUS DRILLING, FOWLER
06:30	18:00	11.50	MOB	ACTIVE	MOVE MUD TANKS, WATER TANK'S, MOTOR PACKAGE, REMOVE DERRICK FROM FLOOR AND MOVE, REMOVE DOG HOUSE, REMOVE DRAWWORKS, REMOVE CENTER STEEL AND SPLIT SUBS, AND HAUL SAME, SET MUD TANK'S, MUD PUMP'S, MOTOR PACKAGE, DIESEL TANK, WATER TANK'S  EMAIL WAS SENT TO UNIVERSITY LAND ON INTENT TO MOVE ON 5/21/2013 PERFORMED ROUTE ASSESSMENT WITH FOWLER SAFETY MAN ON LOCATION 12 HOURS, MERIDITH FOR 4 HOUR'S  100% RIG DOWNED 85% HAULED 50% SET IN 30% RIGGED UP  ON LOCATION 6 ROAD TRUCK 2 TANDEM'S 2 CRANES 2 POLE TRUCKS 2 FORKLIFT 48 HOURS FROM RIG RELEASE
18:00	06:00	12.00	SHUTDOWN	ACTIVE	WAITING ON DAY LIGHT



**Partner Report**

**Report # 11 Date: 5/24/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$39,589	Cum To Date (Cost) \$434,576	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 44.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	10.21	\$39,589	\$434,576	\$1,590,000	\$1,155,424
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 794.0	End Depth (TVD) (ftKB)	DFS (days) 12.65	Report Number 11	Report End Date 5/24/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM SAFETY MEETING WITH CACTUS DRILLING, DEVON, FOWLER	24 Hour Forecast RIG UP ON UNIVERSITY 52-23 7H

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON, CACTUS DRILLING, FOWLER
06:30	18:00	11.50	MOB	ACTIVE	MOVE AND SET UP TRAILER HOUSE`S, DRESS OUT MUD TANK`S,SET SUBS, SET RACKING MAT, PIN DERRICK, SET DOGHOUSE ON RIG FLOOR, SET DRAWWORKS AND DRILL LINE SPOOL ON SUBS, SPOT WATER TANKS, DIESEL TANK, DRESS DERRICK TO RAISE  100% RIGGED DOWN 100% MOVED 75% SET IN 60% RIGGED UP 72 HOURS FROM RIG RELEASE 3.8 MILE MOVE WITH FOWLER TRUCKING  ON LOCATION 7 ROAD TRUCK 2 TANDEM 1 CRAWLER AND 1 MOBLE CRANE 2 POLE TRUCKS 2 FORKLIFT 72 HOURS FROM RIG RELEASE  SAFETY MAN ON LOCATION FOR 12 HOUR`S
18:00	06:00	12.00	SHUTDOWN	ACTIVE	WAITING ON DAYLIGHT



Partner Report

Report # 12 Date: 5/25/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00
				Tubing Head Elevation (ft)

<b>Jobs</b>				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757	

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$43,916	Cum To Date (Cost) \$478,267	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 46.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	11.21	\$43,916	\$478,267	\$1,590,000	\$1,111,733
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 794.0	End Depth (TVD) (ftKB)	DFS (days) 13.65	Report Number 12	Report End Date 5/25/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM PRE-SPUD INSPECTION	24 Hour Forecast NIPPLE UP BOP'S AND TEST, P/U VERTICAL BHA, DRILL 8 3/4 VERTICAL SECTION

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH DEVON, CACTUS DRILLING, FOWLER
06:30	06:00	23.50	MOB	ACTIVE	FINISH DRESSING DERRICK, RAISE LEGS HOOK UP BULL LINE'S, SPOOL UP BLOCK, RAISE DERRICK AND FLOOR, SET IRON ROUGHNECK AND STAIR'S ON FLOOR, RIG UP DES EQUIPMENT, FLARE AND CHOKE, SET BOP'S UNDER FLOOR, SPOT CAT WALK/V-DOOR, ACCUMULATOR, INSTALL H BEAMS AND WINCHES UNDER FLOOR, SPOOL UP DRAW WORKS, REMOVE BLOCK TROLLEY, WIRE UP TOP DRIVE AND KELLY HOSE, DRESS RIG FLOOR  100% RIGGED DOWN 100% MOVED 100% SET IN 100% RIGGED UP 96 HOURS FROM RIG RELEASE  ON LOCATION 1 TANDEM 1 CRAWLER AND 1 MOBILE CRANE 1 FORKLIFT  SAFETY MAN ON LOCATION FOR 12 HOUR'S



Partner Report

Report # 13 Date: 5/26/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00
		KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757	

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$180,577	Cum To Date (Cost) \$658,844	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 49.2
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	12.21	\$180,577	\$658,844	\$1,590,000	\$931,156
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 549.00	End Depth (ftKB) 1,343.0	End Depth (TVD) (ftKB)	DFS (days) 0.21	Report Number 13	Report End Date 5/26/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM DRILL VERTICAL SECTION AT 1,343"	24 Hour Forecast DRILL VERTICAL SECTION FROM 1,343', CIRC. HOLE CLEAN, POOH FOR CURVE BHA

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	BOPS	ACTIVE	PERFORM PRESUPD INSPECTION WITH CACTUS PUSHER AND DEVON SAFETY MAN AND CO MAN . REMOVE STACK FROM CRADLE AND NIPPLE UP WITH LONESTAR TORQUE CREW, INSTALL CHOKE LINE AND ALL KOOMY LINES
10:00	19:00	9.00	BOPS	ACTIVE	NIPPLING UP WITH A 4 MAN CREW DUE TO HAND QUITTING IN MIDDLE OF HITCH RIG UP LONESTAR TO TEST BOPS. TEST ALL RAMS ON STACK 250 LOW 3000 HIGH, TEST HYDRILL 250 LOW 1500 HIGH, TEST ALL VALVES ON CHOKE 250 LOW 3000 HIGH. HELD EACH TEST 10 MIN. (LOW AND HIGH), TEST CASING 1500 PSI. HELD ON CHART FOR 30 MIN, GOOD TEST ON ALL EQUIPMENT CO MAN PRESENT DURING ALL TESTING
19:00	20:00	1.00	RIGSVC	ACTIVE	FINISH TIGHTING FLOW LINE, INSTALL 2" FILL UP LINE AND KILL LINE, FIX ALL DISCREPANCY'S ON RIG INSPECTION, LAY OUT BHA AND STRAP SAME
20:00	21:30	1.50	BHA	ACTIVE	PICK UP VERTICAL BHA, PICK UP 1.50 HIGH SPEED MOTOR WITH 8 5/8 STABILIZER.INSTALL EM SURVEY TOOL AND SURFACE TEST WITH 400 GPM. GOOD TEST, MAKE UP 8 3/4 MM65DRM BIT
21:30	22:00	0.50	BOPS	ACTIVE	INSTALL WEAR BUSHING WITH FMC
22:00	23:30	1.50	TRIP	ACTIVE	PICK UP THREE 6" DRILL COLLARS AND 17 JOINTS 5" HWDP AND TRIP IN HOLE TO FLOAT EQUIPMENT AT 750'
23:30	23:45	0.25	CIRC	ACTIVE	PUMP THROUGH CHOKE AND SEPARATOR PRIOR TO DRILLING OUT FLOAT EQUIPMENT AND LINE CHOKE UP ON A HARD SHUT IN
23:45	00:15	0.50	RIGSVC	ACTIVE	INSTALL ROTATE HEAD
00:15	01:00	0.75	RMWASH	ACTIVE	WASH AND REAM CEMENT AND DRILL FLOAT EQUIPMENT FROM 750' TO 794' GPM-575 RPM-60 WOB-2K-15K
01:00	02:30	1.50	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 794' TO 1,073', 279' @ 186' FPH, WOB=30, GPM=600, RPM=90, TD TQ=10,200, DIFF=350-400,STKS=130, PSI=2200
02:30	04:30	2.00	RIGSVC	ACTIVE	WAITING ON BAD WEATHER TO PASS CAN NOT TAKE SURVEY'S DUE TO BAD WEATHER AND LIGHTING, CIRCULATING AND WORKING PIPE 1.5 FPM
04:30	06:00	1.50	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 1,073' TO 1,343', 270' @ 180' FPH, WOB=30, GPM=600, RPM=90, TD TQ=10,200, DIFF=350-400,STKS=130, PSI=2200
					LAST SAMPLE @ 1,050' 30% GREEN SHALE, 30% RED SHALE, 40% SANDSTONE
					LAST SURVEY @ 987' TVD=985' INC.=.73 AZM.=68.52 AHEAD=39 RIGHT=1
					TOTAL DRILL=549' SLIDE=30 ROTATE=519 TOTAL DRLG HRS= 3
					SAFETY MAN ON LOCATION FOR 2.5 HOUR'S



**Partner Report**

**Report # 14 Date: 5/27/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$73,113	Cum To Date (Cost) \$731,957	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 57.1
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	13.21	\$73,113	\$731,957	\$1,590,000	\$858,043
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 4,140.00	End Depth (ftKB) 5,483.0	End Depth (TVD) (ftKB)	DFS (days) 1.21	Report Number 14	Report End Date 5/27/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM TRIP OUT OF HOLE FOR CURVE BHA	24 Hour Forecast TRIP OUT OF HOLE, LAY DOWN VERTICAL BHA, P/U CURVE BHA, DISPLACE WITH OBM, ROT. AND SLIDE CURVE SECTION

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
06:30	19:30	13.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 1,343' TO 4,360', 3,017' @ 232' FPH, WOB=35, GPM=550, RPM=90, TD TQ=11.500, DIFF=400-500,STKS=130, PSI=3,350
19:30	20:30	1.00	RIGSVC	ACTIVE	CHANGE SWAB ON MUD PUMP #1, STILL DID NOT HAVE CORRECT PRESSURE CHECKED PUMP AGAIN FOUND 2 VALVES BAD CHANGE OUT SAME
20:30	03:30	7.00	DRLG	ACTIVE	ROTATE AND SLIDE 8 3/4" VERTICAL SECTION FROM 4,360' TO 5,483', 1,123' @ 160' FPH, WOB=35, GPM=550, RPM=90, TD TQ=14.500, DIFF=400-500,STKS=130, PSI=3,350  LAST SAMPLE @ 5,483' 100% SHALE  LAST SURVEY @ 5,379' TVD=5,376' INC.=.70 AZM.=116.68 AHEAD=1 LEFT=1 NTL=8.8  TOTAL DRILL=4,140' SLIDE=126' ROTATE=4,014' TOTAL DRLG HRS= 20  NO SAFETY MAN ON LOCATION
03:30	05:00	1.50	CIRC	ACTIVE	CIRCULATE 2 HIGH VISCOSITY SWEEPS TO CLEAN HOLE, FIRST SWEEP BRINGING BACK A 10% INCREASE IN SMALL CUTTINGS, SECOND SWEEP NO INCREASE, SHAKERS CLEAN
05:00	06:00	1.00	TRIP	ACTIVE	PULL OUT OF HOLE FROM 5,483' ON ELEVATORS, HOLE SLICK AND TOOK PROPER FILL UPS. STRAP OUT OF HOLE CLEAN MUD TANK'S WHILE PULLING OUT OF HOLE



Partner Report

Report # 15 Date: 5/28/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757
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Costs

WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$80,080	Cum To Date (Cost) \$815,467	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 59.5
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	14.21	\$80,080	\$815,467	\$1,590,000	\$774,533
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

Daily Operations

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 338.00	End Depth (ftKB) 5,821.0	End Depth (TVD) (ftKB)	DFS (days) 2.21	Report Number 15	Report End Date 5/28/2013

Last Casing String  
SURFACE, 794.0ftKB

Status at 6 AM TRIPPING IN THE HOLE WITH 8 3/4 CURVE BHA	24 Hour Forecast TIH WITH CURVE BHA, DRILL 8 3/4 CURVE SECTION, LAND CURVE, CIRC. HOLE CLEAN POOH, LAY DOWN 8 3/4 CURVE BHA AND P/U 8 3/4 LATERAL BHA, TIH
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
06:30	08:00	1.50	TRIP	ACTIVE	PULL OUT OF HOLE FROM 2,500'-250' ON ELEVATORS, HOLE SLICK AND TOOK PROPER FILL UPS. STRAP OUT OF HOLE CLEAN MUD TANK'S WHILE PULLING OUT OF HOLE
08:00	08:30	0.50	TRIP	ACTIVE	LAY DOWN THREE 6.5 DRILL COLLARS
08:30	09:30	1.00	BHA	ACTIVE	LAY DOWN VERTICAL 1.50 MUD MOTOR AND 65DRM BIT
09:30	10:30	1.00	BHA	ACTIVE	PICK UP 1.83 CURVE MOTOR, SCRIBE AND TEST MUD MOTOR WITH GPM=500, PSI=668, STKS=125, MAKE UP MMD55C CURVE BIT
10:30	13:00	2.50	TRIP	ACTIVE	TRIP IN HOLE FILLING PIPE EVERY 2000' WITH BRINE WATER FROM SLUGGING PIT.
13:00	14:30	1.50	CIRC	ACTIVE	PUMP 20 BBL DIESEL SPACER AND DISPLACE WITH OIL BASE MUD AT 5483' FROM STEEL PITS RETURNING BRINE WATER INTO RESERVE PIT , AND CIRCULATE ONE BOTTOMS UP TO CONDITION OIL BASE MUD
14:30	00:00	9.50	DRLG	ACTIVE	SLIDE AND ROTATE 8 3/4" CURVE SECTION FROM 5,483' TO 5,821', 338' @ 35 FPH, WOB=20, GPM=500, STKS=120, TD TQ=8000, RPM=15, DIFF=250, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING EM SURVEYS EVERY 30',  LAST SAMPLE @ 5,820' 30 % SHALE, 70% LIMESTONE  LAST SURVEY @ 5,751' TVD=5,742' INC.=21.61 AZM.=173.01 AHEAD=16 LEFT=1 NTL=9.30 YIELD=9.84 C/C 221  TOTAL DRILL=338' SLIDE=286' ROTATE=52' TOTAL DRILLING HOURS=9.5
00:00	01:00	1.00	CIRC	ACTIVE	COULD NOT SLIDE DUE TO MOTOR KEPT HANGING UP AND WOULD NOT KEEP DIFF PRESURE, CIRCULATE SWEEP AROUND TO CLEAN HOLE
01:00	04:00	3.00	TRIP	ACTIVE	PULL OUT OF HOLE ON ELEVATOR'S FROM 5,821' TO 150' HOLE SLICK AND TOOK PROPER FILL
04:00	05:30	1.50	BHA	ACTIVE	LAY DOWN 1.83 CURVE MOTOR AND MMD55C CURVE BIT ,PICK UP 2.12 CURVE MOTOR SCRIBE AND SURFACE TEST WITH 500 GPM. GOOD TEST, MAKE UP 8 3/4 MM64D CURVE BIT
05:30	06:00	0.50	TRIP	ACTIVE	TRIP IN HOLE FROM 150' FILLING PIPE EVERY 2,000'  SAFETY MAN ON LOCATION FOR 1 HOUR



Partner Report

Report # 16 Date: 5/29/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$106,782	Cum To Date (Cost) \$922,250	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 62.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	15.21	\$106,782	\$922,250	\$1,590,000	\$667,750
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 715.00	End Depth (ftKB) 6,536.0	End Depth (TVD) (ftKB)	DFS (days) 3.21	Report Number 16	Report End Date 5/29/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM TRIP IN HOLE WITH 8 3/4 LATERAL BHA	24 Hour Forecast DRILL 8 3/4 LATERAL SECTION FROM 6,536'

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	RIGSVC	ACTIVE	CHANGE HYDROLIC HOSE ON IRON ROUGHNECK
07:00	10:00	3.00	TRIP	ACTIVE	TRIP IN HOLE FROM 2,000' TO 5,821 FILLING PIPE EVERY 2000'
10:00	19:30	9.50	DRLG	ACTIVE	SLIDE AND ROTATE 8 3/4" CURVE SECTION FROM 5.821' TO 6,536, 715' @ 75' FPH, WOB=20, GPM=500, STKS=115, TD TQ=11,000, RPM=15, DIFF=250, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING EM SURVEYS EVERY 30',  LAST SAMPLE @ 6,536' 100% SHALE  LAST SURVEY @ 6,479' TVD=6,127' INC.=84.14 AZM.=181.75 AHEAD=2 LEFT=8 NTL=.74 YIELD=14.47 C/C= 241 C/F=12 LIP= 221 BIT PROJECTION=89.6  TOTAL DRILL=715 SLIDE=512' ROTATE=203' TOTAL DRILLING HOURS=9.5
19:30	20:30	1.00	CIRC	ACTIVE	CIRCULATE HIGH VISCOSITY SWEEP TO CLEAN HOLE, SHAKERS CLEAN, FLOW CHECK NO FLOW
20:30	23:30	3.00	TRIP	ACTIVE	PULL OUT OF HOLE ON ELEVATORS 6,536'-125' HOLE SLICK AND TOOK PROPER FILLS
23:30	01:30	2.00	BHA	ACTIVE	LAY DOWN 2.12 CURVE MOTOR AND CURVE BIT , CHANGE MWD, PICK UP 1.50 LATERAL MOTOR SCRIBE AND SURFACE TEST WITH 500 GPM. GOOD TEST, MAKE UP 8 3/4 65DRM LATERAL BIT, FUNCTION TEST BOP'S WHILE OUT OF HOLE GOOD TEST
01:30	04:30	3.00	TRIP	ACTIVE	TRIP IN HOLE FROM 125' TO 4,850' FILLING PIPE EVERY 2000'
04:30	06:00	1.50	TRIP	ACTIVE	RIG CREW FORGOT TO REMOVE SCREEN FROM DRILL PIPE, TRIP OUT OF HOLE FROM 4,850' TO 2,850' TO RETRIVE SCREEN



**Partner Report**

**Report # 17 Date: 5/30/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$121,750	Cum To Date (Cost) \$1,044,669	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 69.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	16.21	\$121,750	\$1,044,669	\$1,590,000	\$545,331
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 2,949.00	End Depth (ftKB) 9,485.0	End Depth (TVD) (ftKB)	DFS (days) 4.21	Report Number 17	Report End Date 5/30/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM DRILL 8 3/4 LATERAL SECTION	24 Hour Forecast DRILL 8 3/4 LATERAL SECTION FROM 9,485'

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	TRIP	ACTIVE	RIG CREW FORGOT TO REMOVE SCREEN FROM DRILL PIPE, TRIP IN HOLE FROM 2,850'-6,536' TO RETRIVE SCREEN DURING TRIP IRON ROUGHNECK BLOWED A HYDRAULIC HOSE, REPAIRED HOSE AND CONTINUED TRIP
09:00	13:30	4.50	DRLG	ACTIVE	WASH AND REAM LAST STAND DOWN ,,SLIDE AND ROTATE 8 3/4 LATERAL FROM 6,536' TO 7,080' 544' @ 120' FPH, GPM=550, WOB=35, STKS=120, PSI=4100, DIFF=300, TD RPM=105, TQ=14,000, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',
13:30	14:00	0.50	RIGSVC	ACTIVE	REPLACE GASKET ON STAND PIPE
14:00	06:00	16.00	DRLG	ACTIVE	SLIDE AND ROTATE 8 3/4 LATERAL FROM 7,080' TO 9,485' 2,405 @ 150 FPH, GPM=500, WOB=35, STKS=120, PSI=4,150, DIFF=650, TD RPM=126, TQ=15,000, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',  LAST SAMPLE @ 9,120 100% SHALE  LAST SURVEY @ 9.073 TVD=6,109 INC.=91.45 AZM.=176.61 HIGH=8 LEFT=18 C/C=2,348 C/F=274' LIP=2,316'  LAST 24 HRS TOTAL DRILL=2,949' SLIDE=286' ROTATE=2,663' DRILLING HOURS=20.5  NO SAFETY MAN ON LOCATION



Partner Report

Report # 18 Date: 5/31/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$106,122	Cum To Date (Cost) \$1,150,791	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 76.1
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.21	\$106,122	\$1,150,791	\$1,590,000	\$439,209
COMPLETION	0.00	\$0	\$0	\$591,900	\$591,900

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 2,879.00	End Depth (ftKB) 12,364.0	End Depth (TVD) (ftKB)	DFS (days) 5.21	Report Number 18	Report End Date 5/31/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM ROTATE AND SLIDE LATERAL SECTION AT 12,364'	24 Hour Forecast ROTATE AND SLIDE LATERAL SECTION FROM 12,364', PERFORM CLEAN UP CYCLE

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
06:30	05:00	22.50	DRLG	ACTIVE	SLIDE AND ROTATE 8 3/4 LATERAL FROM 9,485' TO 12,364' 2,879' @ 122' FPH, GPM-500, WOB=35, STKS=120, PSI=4,150, DIFF=750, TD RPM=120, TQ=17,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',  LAST SAMPLE @ 12,269' 100% SHALE  LAST SURVEY @ 12,289' TVD=6,098' INC.=87.90 AZM.=177.31 HIGH=2 LEFT=13 C/C=5,408' C/F=101' LIP=5,355'  LAST 24 HRS TOTAL DRILL=2,879' SLIDE=345' ROTATE=2,534' DRILLING HOURS=22.5  NO SAFETY MAN ON LOCATION
05:00	06:00	1.00	RIGSVC	ACTIVE	CIRCULATING WITH #1 MUD PUMP WORKING PIPE 1.5 FPM WHILE CHANGING SWAB AND LINER ON #2 MUD PUMP



Partner Report

Report # 19 Date: 6/1/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00
				Tubing Head Elevation (ft)

<b>Jobs</b>				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757	

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$117,741	Cum To Date (Cost) \$1,268,532	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 86.3
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.10	\$110,291	\$1,261,082	\$1,590,000	\$328,918
COMPLETION	0.10	\$7,450	\$7,450	\$591,900	\$584,450

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 2,126.00	End Depth (ftKB) 14,490.0	End Depth (TVD) (ftKB) 6,090.2	DFS (days) 6.21	Report Number 19	Report End Date 6/1/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM PERFORM CLEAN UP CYCLE AT 14,490'	24 Hour Forecast PERFORM CLEAN UP CYCLE, POOH WITH 10 STD'S, LAY DOWN DRILL PIPE, R/U CASING CREW

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:30	5.50	DRLG	ACTIVE	SLIDE AND ROTATE 8 3/4 LATERAL FROM 12,364' TO 13,062' 698' @ 126' FPH, GPM-500, WOB=35, STKS=120, PSI=4,150, DIFF=750, TD RPM=120, TQ=18,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',
11:30	11:45	0.25	RIGSVC	ACTIVE	CIRCULATING WITH #2 MUD PUMP WORKING PIPE 1.5 FPM WHILE CHANGING SWAB AND LINER ON #1 MUD PUMP
11:45	12:15	0.50	SAFETY	ACTIVE	BOOTS & COOTS PERFORMED UNEXPECTED H2S DRILL, ALL HANDS HAD PROPER RESPONSE
12:15	12:30	0.25	RIGSVC	ACTIVE	CONTINUE CIRCULATING WITH #2 MUD PUMP WORKING PIPE 1.5 FPM WHILE CHANGING SWAB AND LINER ON #1 MUD PUMP
12:30	13:00	0.50	DRLG	ACTIVE	SLIDE AND ROTATE 8 3/4 LATERAL FROM 13,062' TO 13,128 66' @ 33' FPH, GPM-500, WOB=35, STKS=120, PSI=4,150, DIFF=750, TD RPM=120, TQ=17,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',
13:00	13:30	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
13:30	14:00	0.50	RIGSVC	ACTIVE	ROTATING HEAD RUBBER STARTED LEAKING, CHANGE OUT ROTATING HEAD
14:00	03:30	13.50	DRLG	ACTIVE	SLIDE AND ROTATE 8 3/4 LATERAL FROM 13,128 TO 14,490' 1,362' @ 100' FPH, GPM-500, WOB=35, STKS=120, PSI=4,250, DIFF=750, TD RPM=120, TQ=17,500, PUMPING SWEEPS EVERY 100', AND MONITORING PUSO ON RIG FLOOR,TAKING MWD SURVEYS EVERY 100',
					LAST SAMPLE @ 14,490' 100% SHALE
					LAST SURVEY @ 14,490' TVD=6,090' INC.=86.14 AZM.=177.48 HIGH=5 LEFT=18 C/C=7,612' C/F=56 LIP=7,477'
					LAST 24 HRS TOTAL DRILL=2,126' SLIDE=241' ROTATE=1,885' DRILLING HOURS=19
03:30	06:00	2.50	CIRC	ACTIVE	PERFORM 8 HOUR CLEAN UP CYCLE AT 14,490' WHILE RECIPROCATING PIPE AT 1.5 FPM AND ROTATING PIPE AT 120 RPM, GPM=450, PSI=3.950, TQ=9,500, WHILE PUMPING HIGH VISCOSITY SWEEPS
					NO SAFETY MAN ON LOCATION



Partner Report

Report # 20 Date: 6/2/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$90,314	Cum To Date (Cost) \$1,358,846	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 91.0
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.10	\$32,778	\$1,291,620	\$1,590,000	\$298,380
COMPLETION	1.10	\$57,536	\$67,226	\$591,900	\$524,674

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,490.0	End Depth (TVD) (ftKB) 6,090.2	DFS (days) 7.21	Report Number 20	Report End Date 6/2/2013

Last Casing String SURFACE, 794.0ftKB	
Status at 6 AM RIGGING UP CASING CREW	24 Hour Forecast RUN 5.5 DWC/C 20LB CASING TO 14,490', CIRC 1.5 CAP., CEMENT PRODUCTION CASING, WASH THROUGH ALL EQ.

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:30	5.50	CIRC	ACTIVE	PERFORM 8 HOUR CLEAN UP CYCLE AT 14,490' WHILE RECIPROCATING PIPE AT 1.5 FPM AND ROTATING PIPE AT 120 RPM, GPM=450, PSI=3,950, TQ=9,500, WHILE PUMPING HIGH VISCOSITY SWEEPS. SEEING 15-20% INCREASE IN SMALL COFFEE GRAIN SIZE SHALE COMING BACK, SECOND SWEEP SEEING 10-15% INCREASE 3RD SWEEP 5-10% INCREASE. NO INCREASE ON REST OF SWEEPS.  FLOW CHECK, OK
11:30	12:00	0.50	RIGSVC	ACTIVE	SERVICE RIG AND TOP DRIVE
12:00	12:30	0.50	TRIP	ACTIVE	PULL 10 STANDS 5" DRILL PIPE OUT OF HOLE ON ELEVATORS AND RACK IN DERRICK 14,490'- 13,540' HOLE SLICK AND TOOK PROPER FILL UPS USING TRIP TANK
12:30	00:30	12.00	DPIPE	ACTIVE	PULL OUT OF HOLE ON ELEVATORS LAYING DOWN 5" DRILL PIPE USING TRIP TANK TO FILL HOLE EVERY 5 STANDS. HOLE SLICK AND TOOK PROPER FILL UPS
00:30	02:00	1.50	BHA	ACTIVE	LAY DOWN BHA, 1.50 LATERAL MOTOR AND BIT #5
02:00	02:30	0.50	TRIP	ACTIVE	TRIP IN HOLE WITH 10 STANDS OF 5" DRILL PIPE TO 940'
02:30	03:30	1.00	DPIPE	ACTIVE	LAY DOWN 5" DRILL PIPE FROM 940'
03:30	04:30	1.00	BOPS	ACTIVE	PULL WEAR BUSHING AND CLEAN OBM AND CLEAR HANDLING TOOL'S OFF RIG FLOOR AND REMOVE RIG BAIL'S AND ELEVATORS
04:30	06:00	1.50	CSG	ACTIVE	SAFTEY MEETING WITH TESCO CASING CREW AND RIG UP 5 1/2" CASING HANDLING TOOLS AND CRT TO RUN CASING  NO SAFETY MAN ON LOCATION



Partner Report

Report # 21 Date: 6/3/2013 06:00

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757
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Costs

WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$79,246	Cum To Date (Cost) \$1,438,092	Total WBS+Sup (Cost) \$6,391,650	Job % Complete (%) 95.8
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.10	\$11,533	\$1,311,593	\$1,590,000	\$278,407
COMPLETION	2.10	\$67,713	\$126,499	\$591,900	\$465,401

Daily Operations

Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,490.0	End Depth (TVD) (ftKB) 6,090.2	DFS (days) 8.21	Report Number 21	Report End Date 6/3/2013

Last Casing String  
PRODUCTION 1, 14,480.0ftKB

Status at 6 AM CEMENTING 5.5 PRODUCTION CASING	24 Hour Forecast CEMENT 5.5 PRODUCTION CASING, SET CASING SLIPS, NIPPLE DOWN, CLEAN MUD TANK'S
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	CSG	ACTIVE	SAFTEY MEETING WITH TESCO CASING CREW AND RIG UP 5 1/2" CASING HANDLING TOOLS AND CRT TO RUN CASING
07:00	02:00	19.00	CSG	ACTIVE	MAKE UP SHOE TORQUE SHOE TO 5,500 AND TORQUE FLOAT EQUIPMENT TO 15,500 F/LBS, BREAK CIRCULATION THROUGH SHOE AND FLOAT EQUIPMENT AND RUN 5 1/2" P110 20 LBS CASING DWC/C-SR FROM 14,490'- 6,216' ,RUN 5 1/2 P110 20 LBS CASING DWC/C 6,216'-0' TORQUE CASING TO 16,500 FT LBS WITH TORQUE TURN MONITORING WITH TESCO AND VAM THREAD HAND MONITORING ALSO . FILLING PIPE EVERY 25 JOINT
02:00	04:00	2.00	CIRC	ACTIVE	CIRCULATE CAPACITY AND HALF OF CASING WITH CRT WHILE RIGGING DOWN TESCO CASING TOOLS AND RIGGING UP BAKER CEMENTERS
04:00	05:30	1.50	RIGSVC	ACTIVE	RIG DOWN CRT TOOL AND RIG UP CEMENT HEAD, BAILS AND ELEVATOR'S
05:30	06:00	0.50	CMTPRI	ACTIVE	PRE JOB SAFETY MEETING WITH BAKER HUGHES, TEST LINES TO 4,500 PSI.CEMENT WITH 30 BBL'S SEALBOND+88 LBS/BBL BARITE+2 GAL/BBL SS2, 30 BBL'S BRINE SPACER
					CONTACTED TRRC AT 13:30 ON 6/2/2013 SPOKE WITH REBECCA WITH INTENT TO CEMENT 5.5" CASING
					SAFETY MAN ON LOCATION FOR 17.5 HOURS



**Partner Report**

**Report # 22 Date: 6/4/2013 06:00**

District PERMIAN BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541757	Latitude (°) 31° 1' 28.341" N	Longitude (°) 100° 59' 17.093" W	Ground Elev... 2,574.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,599.00	Tubing Head Elevation (ft)

<b>Jobs</b>			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,506.0	Authorized Depth TVD (ftKB)	API/UWI 4210541757

<b>Costs</b>					
WBS Number 01-06418.01;01-06418.02;01-06418.03;01-06418.04;01-06418.05	Planned Days (days) 20.00	Daily Cost (Cost) \$227,351	Cum To Date (Cost) \$1,988,480	Total WBS+Sup (Cost) \$6,391,650	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	18.10	\$18,318	\$1,329,911	\$1,590,000	\$260,089
COMPLETION	3.10	\$209,033	\$658,569	\$591,900	(\$66,669)

<b>Daily Operations</b>					
Rig CACTUS DRILLING COMPANY, 138					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,490.0	End Depth (TVD) (ftKB) 6,090.2	DFS (days) 9.21	Report Number 22	Report End Date 6/4/2013

Last Casing String PRODUCTION 1, 14,480.0ftKB	
Status at 6 AM CLEAN MUD TANK'S PREPAIR RIG TO MOVE	24 Hour Forecast RIG DOWN ON UNIVERSITY 52-23 7H

<b>Time Log</b>					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	11:00	5.00	CMTPRI	ACTIVE	CONTINUE CEMENT JOB PUMPING 30 BBLs SEALBOND+ 88LBS/BBL BARITE SPACER, 331 BBLs (916) OF 12.5 PPG/ 2.02 YIELD OF LEAD, 441 BBLs (1977 SACKS) OF 14.2 PPG/ 1.28 YIELD OF TAIL CEMENT,PUMP 24 BBLs ACID START DISPLACING WITH 2% KCL PUMPING 295 BBLs, LOST RETURNS 250 BBLs INTO PUMPING DISPLACEMENT LOSS 45 BBL'S, ESTIMATED TOP OF LEAD 200'. BUMPED PLUG ON TIME AND PLUG HELD 3,000 PSI. 800 PSI OVER PUMPING PRESURE
					CONTACTED TRRC AT 13:30 ON 6/2/2013 SPOKE WITH REBECCA WITH INTENT TO CEMENT 5.5" CASING
					SAFETY MAN ON LOCATION FOR 2 HOURS
11:00	12:00	1.00	CMTPRI	ACTIVE	RIG DOWN BAKER CEMENT TRUCK AND CEMENT HEAD
12:00	13:00	1.00	RIGSVC	ACTIVE	WASH THROUGH STACK AND FLOW LINE AND ALL EQUIPMENT TO MAKE SURE NO CEMENT
13:00	13:30	0.50	BOPS	ACTIVE	RIG UP LONESTAR BREAK BOLTS ON STACK AND RAISE STACK
13:30	15:00	1.50	BOPS	ACTIVE	NIPPLE DOWN BOPS, TAKE OFF FLOW LINE, HYDRUALIC LINES, TURNBUCKLES, CHOKE LINES AND KILL LINES PICK UP STACK
15:00	15:30	0.50	BOPS	ACTIVE	SET 5.5 CASING SLIPS WITH 120K IN WELL HEAD WITH FMC HAND.
15:30	16:00	0.50	BOPS	ACTIVE	PUT STACK IN BOP CRADLE
16:00	17:00	1.00	BOPS	ACTIVE	INSTALL TUBBING HEAD TEST HEAD TO 2600 PSI. MONITORED BY RAYMOND & CHRIS
17:00	18:00	1.00	RIGSVC	ACTIVE	CLEAN MUD TANK'S AND RIG, PREPARE RIG TO BE MOVED OFF UNIVERSITY 52-23 7H
18:00	18:30	0.50	SAFETY	ACTIVE	SAFETY STAND DOWN WITH ALL HANDS ON LOCATION ON EVERY TUBULAR THAT GETS PICKED UP IS TORQUED TO SPECIFICATION AND DISCUSSED RIG MOVE HAZARD'S
18:30	06:00	11.50	RIGSVC	ACTIVE	CLEAN MUD TANK'S AND RIG, PREPARE RIG TO BE MOVED OFF UNIVERSITY 52-23 7H, RELEASE RIG AT 06:00