



Partner Report

Report # 22 Date: 11/5/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$16,300	Cum To Date (Cost) \$2,827,361	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%)

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,811,061	\$2,126,000	(\$685,061)
COMPLETION	1.00	\$16,300	\$16,300	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 23.31	Report Number 22	Report End Date 11/5/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	Status at 6 AM SHUT IN	24 Hour Forecast MIRU TOE PREP EQUIPMENT
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	MOB	ACTIVE	MIRU FMC FRAC VALVES, AND STINGER WHIT. DISMISSED OTHER CONTRACTORS DUE TO DELAY GETTING WELLHEAD EQUIPMENT MOUNTED. NOTE: THERE WAS A SIGNIFICANT PROBLEM WITH MISCOMMUNICATIONS IN BEGINNING THIS JOB. BAKER HUGHES CONTACTED THE OTHER CONTRACTORS AND TOLD THEM THAT THE JOB WAS NOT GOING TO START UNTIL SATURDAY. AS A RESULT, ALL OF THE SUPPORT CONTRACTORS WERE NOT READY TO MOVE ON THE JOB.



Partner Report

Report # 23 Date: 11/6/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$16,300	Cum To Date (Cost) \$2,767,232	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	2.00	\$16,300	\$32,600	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 24.31	Report Number 23	Report End Date 11/6/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM SHUT IN	24 Hour Forecast RD CTU. WAIT ON FRAC CORPS TO MIRU TO COMPLETE TOE PREP.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	PCHECK	ACTIVE	PRESSURE TEST CASING TO 8500 PSI PER PROCEDURE.
08:00	10:00	2.00	RIGD	ACTIVE	RD OIL STATES WHIT
10:00	18:00	8.00	SHUTDOWN	ACTIVE	WAIT ON ELECTRICAL ISSUES WITH IPS CTU CRANE.
18:00	20:00	2.00	SHUTDOWN	ACTIVE	WAIT ON PERMIAN EQUIPMENT TO DELIVER MANLIFT.
20:00	23:00	3.00	RIGU	ACTIVE	MIRU CTU, CORNELL MOTOR AND BHA. TEST EQUIPMENT
23:00	03:00	4.00	SHUTDOWN	ACTIVE	WAIT ON IPS TO REPAIR/REPLACE DAMAGED CIRCUIT BOARD ON CTU.
03:00	06:00	3.00	RUNCOM	ACTIVE	RIH TO CLEAN OUT WELLBORE W/ CTU.



Partner Report

Report # 24 Date: 11/7/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$17,930	Cum To Date (Cost) \$2,785,162	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	3.00	\$17,930	\$50,530	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 25.31	Report Number 24	Report End Date 11/7/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	24 Hour Forecast RD CTU. WAIT ON FRAC CORPS TO MIRU TO COMPLETE TOE PREP.
Status at 6 AM SHUT IN	

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	RUNCOM	ACTIVE	RIH W/ CT TO PERFORM CLEAN OUT RUN. NOTE: AT +/- 10,000' THE CTU DEPTH COUNTER JUMPED OFF OF THE TUBING AND STOPPED COUNTING FOR AN UNKNOWN PERIOD OF TIME. HAD TO POOH W/ CT AND RESET COUNTER.
10:00	14:00	4.00	PULCOM	ACTIVE	POOH W/ CT TO REPAIR COUNTER AND RESET FOR ACCURATE DEPTH.
14:00	20:00	6.00	RUNCOM	ACTIVE	RIH W/ CT AND DRILLING BHA. TAGGED WIOER PLUG AND CEMENT IN WELLBORE AT 13,504'. TOP OF FLOAT COLLAR IS 14,065'.
20:00	22:00	2.00	DRLG	ACTIVE	DRILLED OUT TO 13,672' IN 1 HOUR 20 MINUTES. NOTE: THE TWO TRUCKS WE HAD ON LOCATION COULD NOT KEEP UP AND FLOWBACK CONTAINMENT BECAME AN ISSUE. SUBSEQUENT CALLS FOR ADDITIONAL TRUCKING TO SELECT, BTT, PROSPECT, ALLAN RICHIE, AND DUNAGAN YIELDED NO RESULTS. HAD TO SHUT WELL IN UNTIL FLOWBACK TANKS WERE EMPTIED TO SAFE LEVELS.
22:00	01:00	3.00	PULCOM	ACTIVE	POOH TO CURVE W/ CT.
01:00	06:00	5.00	SHUTDOWN	ACTIVE	WAITING ON TRUCKING.



Partner Report

Report # 25 Date: 11/8/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$88,330	Cum To Date (Cost) \$2,950,171	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%)

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,811,311	\$2,126,000	(\$685,311)
COMPLETION	4.00	\$88,330	\$138,860	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 26.31	Report Number 25	Report End Date 11/8/2014

Last Casing String
PRODUCTION 1, 14,070.0ftKB

Status at 6 AM CTU OPS	24 Hour Forecast RD CTU. WAIT ON FRAC CORPS TO MIRU TO COMPLETE TOE PREP.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	RUNCOM	ACTIVE	RIH/ CT.
09:00	12:00	3.00	DRLG	ACTIVE	D/O CEMENT TO PBTD OF 13,985'. TAGGED HARD AT THAT DEPTH AND ROP FELL OFF TO NEAR 0 FPM. PUMPED SWEEP.
12:00	15:00	3.00	CIRC	ACTIVE	CIRCULATED A FULL CASING DISPLACEMENT
15:00	19:00	4.00	PULCOM	ACTIVE	POOH W/ CT AND DRILLING BHA.
19:00	23:00	4.00	RUNCOM	ACTIVE	RIH W/ TCP GUNS AND CT
23:00	02:00	3.00	PERF	ACTIVE	TAGGED BOTTOM AND PERFORATED AS FOLLOWS: 13,923' - 25' 13,918' - 20' 13,914' - 16' 13,909' - 11' W/ 6 SPF AT 60 DEGREES PHASING. NOTE: WE WERE UNABLE TO TELL IF THE GUNS FIRED AT THE POINT WHERE THE BALL REACHED THE GUNS.
02:00	06:00	4.00	PULCOM	ACTIVE	POOH W/ CT. NOTED THAT SHOTS FIRED. RDMO CTU,



Partner Report

Report # 26 Date: 11/9/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$5,925	Cum To Date (Cost) \$2,956,096	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%)

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,811,311	\$2,126,000	(\$685,311)
COMPLETION	5.00	\$5,925	\$144,785	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 27.31	Report Number 26	Report End Date 11/9/2014

Last Casing String
PRODUCTION 1, 14,070.0ftKB

Status at 6 AM WSI	24 Hour Forecast BEGIN FRAC OPS
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	RIGU	ACTIVE	RU OIL STATES WHIT, BHI FRAC, F2 FLOWBACK, NINE WL, O-TEX PUMPDOWN AND SELECT WATER TRANSFER TO FRAC.



Partner Report

Report # 27 Date: 11/10/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.SLC;XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$332,240	Cum To Date (Cost) \$3,288,336	Total WBS+Sup (Cost) \$2,126,000	Job % Complete (%)

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,811,311	\$2,126,000	(\$685,311)
COMPLETION	6.00	\$332,240	\$477,025	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 28.31	Report Number 27	Report End Date 11/10/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	Status at 6 AM FRACING STG 2	24 Hour Forecast CONT FRAC OPS.
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Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	14:00	8.00	RIGU	ACTIVE	FINISH RU BHI FRAC, F2 FLOWBACK, NINE WL, O-TEX PUMPDOWN AND SELECT WATER TRANSFER FOR FRAC.
14:00	14:30	0.50	SAFETY	ACTIVE	CONDUCTED PJSM WITH ALL PERSONNEL ON TOE PREP OPS, PRESSURIZED LINES, PPE.
14:30	15:30	1.00	INACTIVE	INACTIVE	WAIT ON WIRELINE TO WORK ON GREASE UNIT, SD WL.
15:30	17:00	1.50	STIM	ACTIVE	STG 1- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 13,861' - 14,009'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 0 PSI / BREAK DOWN: 4220 PSI. USED 3,000 GALS 15% HCL ACID. PAD ISIP: 2181 PSI/FG: 0.81 PSI/FT. AVG PSI: 6,824 / AVG RATE: 76 BPM. MAX PSI: 8,203 / MAX RATE: 81 BPM. ISIP: 2,872 / FG: 0.93 PSI/FT. USED: 6,144 CLEAN BBLs. USED: 124,949 LBS 100 MESH / USED: 15,714 LBS 40/70 SAND. *****CUT JOB DUE TO INCREASE IN PSI. FLUSH JOB @ 8,203 PSI @ 57 BPM. TOATL FLUSH 449 BBLs. CUT 40/70 @ .25--.50..
17:00	23:30	6.50	INACTIVE	INACTIVE	WAIT ON WL TO PERF STAGE 1 ON #10H.
23:30	03:45	4.25	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 2. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 13,831' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 2 AS FOLLOWS: 13,801' - 03'; 13,751' - 53'; 13,701' - 03'; 13,651' - 53'. W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 874.
03:45	06:00	2.25	STIM	ACTIVE	STG 2- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 13,651' - 13,803'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1.820 PSI / BREAK DOWN: 3,289 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2,208 PSI/FG: 0.81 PSI/FT.



Partner Report

Report # 28 Date: 11/11/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$933,562	Cum To Date (Cost) \$4,145,219	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	7.00	\$933,562	\$1,410,587	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 29.31	Report Number 28	Report End Date 11/11/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM PERF STG 5	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	STIM	ACTIVE	STG 2- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 13,651' - 13,803'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1.820 PSI / BREAK DOWN: 3,289 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2,208 PSI/FG: 0.81 PSI/FT. AVG PSI: 4579 / AVG RATE: 81 BPM. MAX PSI: 6515 / MAX RATE: 81 BPM. ISIP: 2000 / FG: 0.78 PSI/FT. USED: 9909 CLEAN BBLs. USED: 126572 LBS 100 MESH / USED: 352148 LBS 40/70 SAND. PUMPED AS DESIGNED.
07:00	10:30	3.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 3. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 13,621' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 3 AS FOLLOWS: 13,411' - 13'; 13,471' - 73'; 13,531' - 33'; 13,591' - 93'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 201.
10:30	14:00	3.50	STIM	ACTIVE	STG 3- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 13,411' - 13,593'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1525 PSI / BREAK DOWN: 3945 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2381 PSI/FG: 0.81 PSI/FT. AVG PSI: 4569 / AVG RATE: 80 BPM. MAX PSI: 7320 / MAX RATE: 80 BPM. ISIP: 2307 / FG: 0.84 PSI/FT. USED: 9932 CLEAN BBLs. USED: 126203 LBS 100 MESH / USED: 357358 LBS 40/70 SAND. PUMPED AS DESIGNED.
14:00	18:00	4.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 4. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 13,381' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 4 AS FOLLOWS: 13,171' - 73'; 13,231' - 33'; 13,291' - 93'; 13,351' - 53'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 196.
18:00	03:00	9.00	STIM	ACTIVE	WAITING ON SAND TO OFF LOAD! AND WAITING ON SELECT WT TO REPLACE PUMPS.



Partner Report

Report # 28 Date: 11/11/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
03:00	05:30	2.50	STIM	ACTIVE	STG 4- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 13,171' - 13,353'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1,710 PSI / BREAK DOWN: 4,093 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2,367 PSI/FG: 0.84 PSI/FT. AVG PSI: 4576 / AVG RATE: 81 BPM. MAX PSI: 5616 / MAX RATE: 81 BPM. ISIP: 2,473 / FG: 0.86 PSI/FT. USED: 9,954 CLEAN BBLs. USED: 127,268 LBS 100 MESH / USED: 356,498 LBS 40/70 SAND. PUMPED AS DESIGNED.
05:30	06:00	0.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 5. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 13,141' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 5 AS FOLLOWS: 12,931' - 33'; 12,991' - 93'; 13,051' - 53'; 13,111' - 13'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs.



Partner Report

Report # 29 Date: 11/12/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761	

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$901,740	Cum To Date (Cost) \$5,046,959	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	8.00	\$901,740	\$2,312,327	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 30.31	Report Number 29	Report End Date 11/12/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM PERFORATING STG 8	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 5. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 13,141' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 5 AS FOLLOWS: 12,931' - 33'; 12,991' - 93'; 13,051' - 53'; 13,111' - 13'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 196.
09:00	13:00	4.00	STIM	ACTIVE	STG 5- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 12,931' - 13,113'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1554 PSI / BREAK DOWN: 3886 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2376 PSI/FG: 0.84 PSI/FT. AVG PSI: 4393 / AVG RATE: 79 BPM. MAX PSI: 7565 / MAX RATE: 79 BPM. ISIP: 2340 / FG: 0.84 PSI/FT. USED: 9906 CLEAN BBLs. USED: 125,889 LBS 100 MESH / USED: 356,493 LBS 40/70 SAND. PUMPED AS DESIGNED.
13:00	17:30	4.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 6. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 12,901' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 6 AS FOLLOWS: 12,691' - 93'; 12,751' - 53'; 12,811' - 13'; 12,871' - 73'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 176.
17:30	21:30	4.00	STIM	ACTIVE	STG 6- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 12,691' - 12,873'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1790 PSI / BREAK DOWN: 4202 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2340 PSI/FG: 0.84 PSI/FT. AVG PSI: 4417 / AVG RATE: 81 BPM. MAX PSI: 5250 / MAX RATE: 81 BPM. ISIP: 2314 / FG: 0.84 PSI/FT. USED: 9956 CLEAN BBLs. USED: 127,108 LBS 100 MESH / USED: 356,272 LBS 40/70 SAND. PUMPED AS DESIGNED.
21:30	01:30	4.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 7. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 12,661' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 6 AS FOLLOWS: 12,451' - 53'; 12,511' - 13'; 12,571' - 73'; 12,631' - 33'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 186.



Partner Report

Report # 29 Date: 11/12/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
01:30	03:45	2.25	STIM	ACTIVE	STG 7- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 12,451' - 12,633'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1408 PSI / BREAK DOWN: 3026 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2287 PSI/FG: 0.83 PSI/FT. AVG PSI: 4197 / AVG RATE: 81 BPM. MAX PSI: 5129 / MAX RATE: 81 BPM. ISIP: 2686 / FG: 0.90 PSI/FT. USED: 9956 CLEAN BBLS. USED: 127,001 LBS 100 MESH / USED: 356,390 LBS 40/70 SAND. PUMPED AS DESIGNED.
03:45	06:00	2.25	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 8. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 12,421' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 6 AS FOLLOWS: 12,211' - 13'; 12,271' - 73'; 12,331' - 33'; 12,391' - 93'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLS= 178.



Partner Report

Report # 30 Date: 11/13/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$587,625	Cum To Date (Cost) \$5,634,584	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	9.00	\$587,625	\$2,899,952	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 31.31	Report Number 30	Report End Date 11/13/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM PERFORATING STG 10	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:15	12.25	INACTIVE	INACTIVE	WAITING ON CT UNIT TO RU ON #10H
18:15	20:30	2.25	STIM	ACTIVE	STG 8- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 12,211' - 12,393'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL:1,440 PSI / BREAK DOWN: 3,457 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2,287 PSI/FG: 0.83 PSI/FT. AVG PSI: 4,183 / AVG RATE: 81 BPM. MAX PSI: 5,698 / MAX RATE: 81 BPM. ISIP: 2,606 / FG: 0.89 PSI/FT. USED: 9,823 CLEAN BBLs. USED: 127,100 LBS 100 MESH / USED: 354,613 LBS 40/70 SAND. PUMPED AS DESIGNED.
20:30	00:15	3.75	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 9. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 12,181' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 9 AS FOLLOWS: 11,971' - 73'; 12,031' - 33'; 12,091' - 93'; 12,151' - 53'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 165.0
00:15	03:00	2.75	STIM	ACTIVE	STG 9- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 11,971' - 12,153'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1540 PSI / BREAK DOWN: 2585 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2314 PSI/FG: 0.89 PSI/FT. AVG PSI: 4078 / AVG RATE: 81 BPM. MAX PSI: 5196 / MAX RATE: 81 BPM. ISIP: 2314 / FG: 0.89 PSI/FT. USED: 9884 CLEAN BBLs. USED: 126,533 LBS 100 MESH / USED: 355,692 LBS 40/70 SAND. PUMPED AS DESIGNED.
03:00	06:00	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 10. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 11,941' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 10 AS FOLLOWS: 11,731' - 33'; 11,791' - 93'; 11,851' - 53'; 11,911' - 13'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 160



Partner Report

Report # 31 Date: 11/14/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761	

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$1,493,527	Cum To Date (Cost) \$7,128,111	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	10.00	\$1,493,527	\$4,393,479	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 32.31	Report Number 31	Report End Date 11/14/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM FRAC STG 14	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:30	3.50	STIM	ACTIVE	STG 10- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 11,731' - 11,913'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1601 PSI / BREAK DOWN: 2898 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2392 PSI/FG: 0.78 PSI/FT. AVG PSI: 4423 / AVG RATE: 80 BPM. MAX PSI: 7366 / MAX RATE: 80 BPM. ISIP: 4468 / FG: 1.08 PSI/FT. USED: 9990 CLEAN BBLS. USED: 126,867 LBS 100 MESH / USED: 357,526 LBS 40/70 SAND. PUMPED AS DESIGNED. ****PSI SPIKED WHEN STAGING INTO FLUSH, OVER FLUSHED 166 BBLS, 433 TTL BBLS FLUSHED****
09:30	12:00	2.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 11. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 11,701' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 11 AS FOLLOWS: 11,491' - 93'; 11,551' - 53'; 11,611' - 13'; 11,671' - 73'. W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLS= 188.
12:00	16:00	4.00	STIM	ACTIVE	STG 11- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 11,491' - 11,673'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1725 PSI / BREAK DOWN: 3740 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2423 PSI/FG: 0.78 PSI/FT. AVG PSI: 4399 / AVG RATE: 80 BPM. MAX PSI: 7002 / MAX RATE: 80 BPM. ISIP: 2668 / FG: 0.82 PSI/FT. USED: 9876 CLEAN BBLS. USED: 126,802 LBS 100 MESH / USED: 356,032 LBS 40/70 SAND. PUMPED AS DESIGNED.
16:00	18:00	2.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 12. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 11,461' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 12 AS FOLLOWS: 11,251' - 53'; 11,311' - 13'; 11,371' - 73'; 11,431' - 33'. W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLS= 161.
18:00	19:00	1.00	INACTIVE	INACTIVE	WAIT ON CT TO RD OFF AND WL TO RU ON #10H.



Partner Report

Report # 31 Date: 11/14/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
19:00	21:15	2.25	STIM	ACTIVE	STG 12- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 11,251' - 11,433'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL:1,640 PSI / BREAK DOWN: 4,100 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2,261 PSI/FG: 0.82 PSI/FT. AVG PSI: 4,020 / AVG RATE: 81 BPM. MAX PSI: 5,276 / MAX RATE: 82 BPM. ISIP: 2,314 / FG: 0.84 PSI/FT. USED: 9,824 CLEAN BBLs. USED: 126,424 LBS 100 MESH / USED: 357,155 LBS 40/70 SAND. PUMPED AS DESIGNED.
21:15	23:30	2.25	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 13. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 11,221' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 13 AS FOLLOWS: 11,011' - 13'; 11,071' - 73'; 11,131' - 33'; 11,191' - 93'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 130.
23:30	02:15	2.75	STIM	ACTIVE	STG 13- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 11,011' - 11,193'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1700 PSI / BREAK DOWN: 2713 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2287 PSI/FG: 0.83 PSI/FT. AVG PSI: 4099 / AVG RATE: 81 BPM. MAX PSI: 5324 / MAX RATE: 81 BPM. ISIP: 2394 / FG: 0.85 PSI/FT. USED: 9903 CLEAN BBLs. USED: 127,035 LBS 100 MESH / USED: 356,864 LBS 40/70 SAND. PUMPED AS DESIGNED.
02:15	04:30	2.25	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 14. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 10,981' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 14 AS FOLLOWS: 10,771' - 73'; 10,831' - 33'; 10,891' - 93'; 10,951' - 53'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 130
04:30	06:00	1.50	STIM	ACTIVE	STG 14- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 10,771' - 10953'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1,580 PSI / BREAK DOWN: 3,295 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2,234 PSI/FG: 0.82 PSI/FT. USED: 127,134 LBS 100 MESH.



Partner Report

Report # 32 Date: 11/15/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00
		KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761	

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$876,191	Cum To Date (Cost) \$8,004,527	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	11.00	\$876,191	\$5,269,895	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 33.31	Report Number 32	Report End Date 11/15/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM FRAC STG 17	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	STIM	ACTIVE	STG 14- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 10,771' - 10953'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1,580 PSI / BREAK DOWN: 3,295 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2,234 PSI/FG: 0.82 PSI/FT. AVG PSI: 4120 / AVG RATE: 81 BPM. MAX PSI: 5289 / MAX RATE: 81 BPM. ISIP: 2630 / FG: 0.89 PSI/FT. USED: 9896 CLEAN BBLs. USED: 127,134 LBS 100 MESH / USED: 358,889 LBS 40/70 SAND. PUMPED AS DESIGNED.
07:00	09:30	2.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 15. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 10,741' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 15 AS FOLLOWS: 10,531' - 33'; 10,591' - 93'; 10,651' - 53'; 10,711' - 73'. W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= ___.
09:30	13:30	4.00	INACTIVE	INACTIVE	WAIT ON CT TO RD AND WL TO RU ON #10H.
13:30	16:30	3.00	STIM	ACTIVE	STG 15- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 10,531' - 10,713'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1280 PSI / BREAK DOWN: 2948 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2116 PSI/FG: 0.80 PSI/FT. AVG PSI: 6168 / AVG RATE: 80 BPM. MAX PSI: 7821 / MAX RATE: 81 BPM. ISIP: 1994 / FG: 0.78 PSI/FT. USED: 10351 CLEAN BBLs. USED: 15,709 LBS 100 MESH / USED: 345,495 LBS 40/70 SAND. PUMPED AS DESIGNED. *****PUMPED SLUGS OF 100 MESH, COULD NOT GET PSI TO BREAK, PUMPED SLUGS OF 40/70, PSI BROKE, CONTINUED WITH 40/70 SAND*****
16:30	20:00	3.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 16. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 10,501' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 16 AS FOLLOWS: 10,291' - 93'; 10,351' - 53'; 10,411' - 13'; 10,471' - 73'. W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 121.



Partner Report

Report # 32 Date: 11/15/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
20:00	23:30	3.50	STIM	ACTIVE	STG 16- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 10,291' - 10,473'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1426 PSI / BREAK DOWN: 2854 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 1995 PSI/FG: 0.78 PSI/FT. AVG PSI: 3835/ AVG RATE: 81 BPM. MAX PSI: 6101/ MAX RATE: 81 BPM. ISIP: 2048/ FG: 0.79 PSI/FT. USED: 9863 CLEAN BBLS. USED: 126599 LBS 100 MESH / USED: 356351 LBS 40/70 SAND. PUMPED AS DESIGNED.
23:30	04:00	4.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 17. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 10,261' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 17 AS FOLLOWS: 10,051' - 53'; 10,111' - 13'; 10,171' - 73'; 10,231' - 33'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLS= 108.
04:00	06:00	2.00	STIM	ACTIVE	STG 17- FRAC AT TIME OF REPORT.



Partner Report

Report # 33 Date: 11/16/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761	

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$874,554	Cum To Date (Cost) \$8,879,081	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	12.00	\$874,554	\$6,144,449	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 34.31	Report Number 33	Report End Date 11/16/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM FRAC STG 20	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	STIM	ACTIVE	STG 17- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 10,051' - 10,473'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1130 PSI / BREAK DOWN: 2793 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2048 PSI/FG: 0.79 PSI/FT. AVG PSI: 3789/ AVG RATE: 81 BPM. MAX PSI: 7051/ MAX RATE: 81 BPM. ISIP: 2261 / FG: 0.83 PSI/FT. USED: 9869 CLEAN BBLs. USED: 126,032 LBS 100 MESH / USED: 356,564 LBS 40/70 SAND. PUMPED AS DESIGNED.
06:30	11:30	5.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 18. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 10,021' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 18 AS FOLLOWS: 9,811' - 13'; 9,871' - 73'; 9,931' - 33'; 9,991' - 93'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 108.
11:30	15:00	3.50	STIM	ACTIVE	STG 18- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 9,811' - 9,993'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1406 PSI / BREAK DOWN: 3542 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2619 PSI/FG: 0.89 PSI/FT. AVG PSI: 4432/ AVG RATE: 80 BPM. MAX PSI: 6012/ MAX RATE: 81 BPM. ISIP: 2470 / FG: 0.86 PSI/FT. USED: 9874 CLEAN BBLs. USED: 126,629 LBS 100 MESH / USED: 356093 LBS 40/70 SAND. PUMPED AS DESIGNED.
15:00	19:30	4.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 19. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 9,781' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 19 AS FOLLOWS: 9,571' - 73'; 9,631' - 33'; 9,691' - 93'; 9,751' - 53'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 94
19:30	00:00	4.50	STIM	ACTIVE	STG 19- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 9,571' - 9,753'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1859 PSI / BREAK DOWN: 3724 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2500 PSI/FG: 0.87 PSI/FT. AVG PSI: 4707/ AVG RATE: 80 BPM. MAX PSI: 5139/ MAX RATE: 81 BPM. ISIP: 2686 / FG: 0.9 PSI/FT. USED: 9833 CLEAN BBLs. USED: 126639 LBS 100 MESH / USED: 355739 LBS 40/70 SAND. PUMPED AS DESIGNED.



Partner Report

Report # 33 Date: 11/16/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
00:00	03:00	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 20. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 9,541' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 20 AS FOLLOWS: 9,331' - 33'; 9,391' - 93'; 9,451' - 53'; 9,511' - 13'. W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLS= 109.
03:00	05:00	2.00	SHUTDOWN	ACTIVE	EQUIPMENT MAINTENANCE.
05:00	06:00	1.00	STIM	ACTIVE	STG 20- FRAC AT TIME OF REPORT.



Partner Report

Report # 34 Date: 11/17/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$718,030	Cum To Date (Cost) \$7,136,896	Total WBS+Sup (Cost) \$2,026,000	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	13.00	\$718,030	\$4,402,263	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 35.31	Report Number 34	Report End Date 11/17/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM PERF STAGE 24	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	STIM	ACTIVE	STG 20- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 9,331' - 9,513'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1778 PSI / BREAK DOWN: 3573 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2394 PSI/FG: 0.85 PSI/FT. AVG PSI: 4327/ AVG RATE: 80 BPM. MAX PSI: 4774/ MAX RATE: 80 BPM. ISIP: 2916 / FG: 0.94 PSI/FT. USED: 9808 CLEAN BBLs. USED: 127135 LBS 100 MESH / USED: 355,947 LBS 40/70 SAND. PUMPED AS DESIGNED.
08:00	11:00	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 21. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 9,301' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 21 AS FOLLOWS: 9,-091' - 93'; 9,151' - 53'; 9,211' - 13'; 9,271' - 73'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 104.
11:00	12:30	1.50	INACTIVE	INACTIVE	LINES WOULD NOT TEST, X/O NINETY ON RISER.
12:30	15:30	3.00	STIM	ACTIVE	STG 21- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 9,091' - 9,273'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1475 PSI / BREAK DOWN: 3120 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2321 PSI/FG: 0.84 PSI/FT. AVG PSI: 4419/ AVG RATE: 80 BPM. MAX PSI: 7196 / MAX RATE: 80 BPM. ISIP: 2529 / FG: 0.87 PSI/FT. USED: 9810 CLEAN BBLs. USED: 126,651 LBS 100 MESH / USED: 356,197 LBS 40/70 SAND. PUMPED AS DESIGNED.
15:30	18:30	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 22. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 9,061' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 22 AS FOLLOWS: 8,851' - 53'; 8,911' - 13'; 8,971' - 73'; 9,031' - 33'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 84.
18:30	20:00	1.50	SHUTDOWN	ACTIVE	PUMP MAINTENANCE.



Partner Report

Report # 34 Date: 11/17/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
20:00	22:30	2.50	STIM	ACTIVE	STG 22- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 8,851' - 9,033'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1463 PSI / BREAK DOWN: 4365 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2447 PSI/FG: 0.86 PSI/FT. AVG PSI: 4159/ AVG RATE: 81 BPM. MAX PSI: 7038/ MAX RATE: 81 BPM. ISIP: 2473 / FG: 0.86 PSI/FT. USED: 9803 CLEAN BBLs. USED: 126524 LBS 100 MESH / USED: 356037 LBS 40/70 SAND. PUMPED AS DESIGNED.
22:30	00:30	2.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 23. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 8,821' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 23 AS FOLLOWS: 8,611' - 13'; 8,671' - 73'; 8,731' - 33'; 8,791' - 93'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 94.
00:30	03:30	3.00	STIM	ACTIVE	STG 23- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 8,611' - 8,793'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1844 PSI / BREAK DOWN: 3260 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2340 PSI/FG: 0.84 PSI/FT. AVG PSI: 3913/ AVG RATE: 80 BPM. MAX PSI: 6820/ MAX RATE: 82 BPM. ISIP: 2340 / FG: 0.84 PSI/FT. USED: 9814 CLEAN BBLs. USED: 125593 LBS 100 MESH / USED: 357661 LBS 40/70 SAND. PUMPED AS DESIGNED.
03:30	06:00	2.50	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 24. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 8,581' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 24 AS FOLLOWS: 8,371' - 73'; 8,431' - 33'; 8,491' - 93'; 8,551' - 53'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 82.



Partner Report

Report # 35 Date: 11/18/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$378,724	Cum To Date (Cost) \$7,515,619	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	14.00	\$378,724	\$4,780,987	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 36.31	Report Number 35	Report End Date 11/18/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM CONT FRAC OPS.	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	18:00	12.00	SHUTDOWN	ACTIVE	WAIT ON FRAC STG 14 ON THE 10H
18:00	21:00	3.00	STIM	ACTIVE	STG 24- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 8,371' - 8,553'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1616 PSI / BREAK DOWN: 3472 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2314 PSI/FG: 0.84 PSI/FT. AVG PSI: 3899/ AVG RATE: 81 BPM. MAX PSI: 7443/ MAX RATE: 81 BPM. ISIP: 2420 / FG: 0.86 PSI/FT. USED: 9755 CLEAN BBLs. USED: 129159 LBS 100 MESH / USED: 356067 LBS 40/70 SAND. PUMPED AS DESIGNED.
21:00	00:00	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 25. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 8,581' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 25 AS FOLLOWS: 8,131' - 33'; 8,191' - 93'; 8,251' - 53'; 8,311' - 33'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 73 .
00:00	03:00	3.00	STIM	ACTIVE	STG 25- RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 7,891' - 8,073'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1364 PSI / BREAK DOWN: 3816 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2340 PSI/FG: 0.84 PSI/FT. AVG PSI: 4079/ AVG RATE: 81 BPM. MAX PSI: 7105/ MAX RATE: 83 BPM. ISIP: 2394 / FG: 0.85 PSI/FT. USED: 9722 CLEAN BBLs. USED: 124752 LBS 100 MESH / USED: 358014 LBS 40/70 SAND. PUMPED AS DESIGNED.
03:00	06:00	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 26. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 8,101' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 26 AS FOLLOWS: 7,891' - 93'; 7,951' - 53'; 8,011' - 13'; 8,071' - 73'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 70 .



Partner Report

Report # 36 Date: 11/19/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$548,522	Cum To Date (Cost) \$8,064,141	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	15.00	\$548,522	\$5,329,509	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 37.31	Report Number 36	Report End Date 11/19/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM CONT FRAC OPS.	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SHUTDOWN	ACTIVE	SHUTDOWN FOR MAINTENANCE
07:00	09:30	2.50	STIM	ACTIVE	STG 26 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 7,891' - 8,073'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1,636 PSI / BREAK DOWN: 3,873 PSI. USED 3,000 GALS 7.5% HCL ACID. AVG PSI: 3,907 AVG RATE: 81 BPM. MAX PSI: 6,546 MAX RATE: 81 BPM. ISIP: 2,269 FG: 0.83 PSI/FT. USED: 9,748 CLEAN BBLs. USED: 126,702 LBS 100 MESH / USED: 357,522 LBS 40/70 SAND. PUMPED AS DESIGNED.
09:30	16:30	7.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 27. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 7,861,101' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 27 AS FOLLOWS: 7,651' - 53'; 7,711' - 13'; 7,771' - 73'; 7,831' - 33'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 65.
16:30	19:30	3.00	STIM	ACTIVE	STG 27 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 7,651' - 7,833'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1756 PSI / BREAK DOWN: 3505 PSI. USED 3,000 GALS 7.5% HCL ACID. AVG PSI: 4096 AVG RATE: 80 BPM. MAX PSI: 6435 MAX RATE: 80 BPM. ISIP: 2420 FG: 0.86 PSI/FT. USED: 10014 CLEAN BBLs. USED: 126928 LBS 100 MESH / USED: 356063 LBS 40/70 SAND. PUMPED AS DESIGNED.
19:30	22:30	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 28. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 7,621' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 28 AS FOLLOWS: 7,411' - 13'; 7,471' - 73'; 7,531' - 33'; 7,591' - 93'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 52.



Partner Report

Report # 36 Date: 11/19/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
22:30	01:30	3.00	STIM	ACTIVE	<p>STG 28 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 7,411' - 7,593'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS:</p> <p>OPENING WELL: 1809 PSI / BREAK DOWN: 3673 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2394 PSI/FG: 0.85 PSI/FT. AVG PSI: 3913 AVG RATE: 81 BPM. MAX PSI: 5678 MAX RATE: 81 BPM. ISIP: 2420 FG: 0.86 PSI/FT. USED: 9733 CLEAN BBLs. USED: 126515 LBS 100 MESH / USED: 355801 LBS 40/70 SAND.</p> <p>PUMPED AS DESIGNED.</p>
01:30	04:30	3.00	PERF	ACTIVE	<p>RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 29. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 7,381' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 29 AS FOLLOWS: 7,171' - 73'; 7,231' - 33'; 7,291' - 93'; 7,351' - 53'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 47.</p>
04:30	06:00	1.50	STIM	ACTIVE	<p>STAGE 29 FRAC AT TIME OF REPORT.</p>



Partner Report

Report # 37 Date: 11/20/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761	

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$545,763	Cum To Date (Cost) \$8,609,904	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	16.00	\$545,763	\$5,875,271	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 38.31	Report Number 37	Report End Date 11/20/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM CONT FRAC OPS.	24 Hour Forecast CONT FRAC OPS.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	STIM	ACTIVE	STG 29 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 7,171' - 7,353'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1,667 PSI / BREAK DOWN: 3,391 PSI. USED 3,000 GALS 7.5% HCL ACID. AVG PSI: 3,815 AVG RATE: 80 BPM. MAX PSI: 5,699 MAX RATE: 81 BPM. ISIP: 2,351 FG: 0.84 PSI/FT. USED: 9,635 CLEAN BBLs. USED: 125,679 LBS 100 MESH / USED: 356,449 LBS 40/70 SAND. PUMPED AS DESIGNED.
07:00	11:00	4.00	SHUTDOWN	ACTIVE	WAIT ON 10H STG 20 TO FINISH
11:00	13:00	2.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 30. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 7,141' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 30 AS FOLLOWS: 6,931' - 33'; 6,991' - 93'; 7,051' - 53'; 7,111' - 13'. W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 39.
13:00	17:00	4.00	SHUTDOWN	ACTIVE	WAIT ON FLUID END REPAIR
17:00	20:00	3.00	STIM	ACTIVE	STG 30 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 6,931' - 7,113'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1600 PSI / BREAK DOWN: 4003 PSI. USED 3,000 GALS 7.5% HCL ACID. AVG PSI: 3781 AVG RATE: 77 BPM. MAX PSI: 5977 MAX RATE: 80 BPM. ISIP: 2679 FG: 0.9 PSI/FT. USED: 9636 CLEAN BBLs. USED: 126593 LBS 100 MESH / USED: 356140 LBS 40/70 SAND. PUMPED AS DESIGNED.
20:00	23:00	3.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 31. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 6,891' AND SET. TEST CFP TO 5000 PSI- PASSED. PERF STAGE 31 AS FOLLOWS: 6,671' - 73'; 6,731' - 33'; 6,791' - 93'; 6,851' - 53'. W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 31.



Partner Report

Report # 37 Date: 11/20/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
23:00	02:00	3.00	STIM	ACTIVE	<p>STG 31 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 6,671' - 6,853'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS:</p> <p>OPENING WELL: 1400 PSI / BREAK DOWN: 3069 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2392 PSI/FG: 0.85 PSI/FT. AVG PSI: 3859 AVG RATE: 80 BPM. MAX PSI: 6213 MAX RATE: 80 BPM. ISIP: 2606 FG: 0.89 PSI/FT. USED: 9662 CLEAN BBLs. USED: 126914 LBS 100 MESH / USED: 355978 LBS 40/70 SAND.</p> <p>PUMPED AS DESIGNED.</p>
02:00	06:00	4.00	PERF	ACTIVE	<p>RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 32. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 6,631' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 32 AS FOLLOWS: 6,411' - 13'; 6,471' - 73'; 6,531' - 33'; 6,591' - 93'. W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 28.</p>



Partner Report

Report # 38 Date: 11/21/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00
			KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00
				Tubing Head Elevation (ft)

Jobs				
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761	

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$377,295	Cum To Date (Cost) \$8,987,199	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	17.00	\$377,295	\$6,252,566	\$0	

Daily Operations					
Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 39.31	Report Number 38	Report End Date 11/21/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM WO DO	24 Hour Forecast WO DO

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	STIM	ACTIVE	WAIT ON 10H STG 22 TO FINISH
07:30	10:00	2.50	STIM	ACTIVE	STG 32 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 6,411' - 6,593'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1,395 PSI / BREAK DOWN: 3,304 PSI. USED 3,000 GALS 7.5% HCL ACID. AVG PSI: 4,053 AVG RATE: 81 BPM. MAX PSI: 5,828 MAX RATE: 82 BPM. ISIP: 2,097 FG: 0.80 PSI/FT. USED: 9,715 CLEAN BBLs. USED: 126,541 LBS 100 MESH / USED: 356,098 LBS 40/70 SAND. PUMPED AS DESIGNED.
10:00	12:00	2.00	PERF	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO PERF STAGE 33. PUMPED DOWN 4 EACH 3 3/8" GUNS AND CDK CAGED BALL CFP TO 6,371' AND SET. TEST CFP TO 5000 PSI-PASSED. PERF STAGE 33 AS FOLLOWS: 6,151' - 53'; 6,211' - 13'; 6,271' - 73'; 6,331' - 33'. W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 SPF), 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL, CONFIRMED ALL SHOTS FIRED. PUMPDOWN BBLs= 21.
12:00	17:30	5.50	SHUTDOWN	ACTIVE	WAIT ON PUMP END REPAIRS
17:30	20:00	2.50	STIM	ACTIVE	STG 33 - RU BHI FRAC, SELECT WT, OIL STATES WHIT TO FRAC WOLFCAMP HORIZONTAL PERFORATIONS @ 6,151' - 6,333'. DESIGN: 416,740 GALS SLICKWATER, 126,000 LBS 100 MESH AND 354,000 LBS 40/70 SAND DOWN 5 1/2" 17# P-110RY DWC CASING. PUMPED AS FOLLOWS: OPENING WELL: 1408 PSI / BREAK DOWN: 3447 PSI. USED 3,000 GALS 7.5% HCL ACID. PAD ISIP: 2410 PSI/FG: 0.85 PSI/FT. AVG PSI: 3774 AVG RATE: 81 BPM. MAX PSI: 5871 MAX RATE: 81 BPM. ISIP: 2606 FG: 0.89 PSI/FT. USED: 9687 CLEAN BBLs. USED: 126212 LBS 100 MESH / USED: 356252 LBS 40/70 SAND. PUMPED AS DESIGNED.
20:00	22:00	2.00	WIRELINE	ACTIVE	RU CDK WIRELINE AND O-TEX PUMPS TO SET KILL PLUG @ 5000'. SET PLUG AND TESTED TO 5000 PSI. PASSED. PERFORM NEGATIVE TEST. PASSED. SECURE WELL.
22:00	06:00	8.00	SHUTDOWN	ACTIVE	RDMO WSI. WO DO.



Partner Report

Report # 39 Date: 11/22/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs							
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761				

Costs							
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$36,111	Cum To Date (Cost) \$8,682,126	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)		
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)		
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)		
COMPLETION	16.67	\$0	\$5,911,382	\$0			

Daily Operations							
Rig							
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 40.31	Report Number 39	Report End Date 11/22/2014		

Last Casing String PRODUCTION 1, 14,070.0ftKB							
Status at 6 AM				24 Hour Forecast			

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

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Partner Report

Report # 40 Date: 11/23/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs							
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761				

Costs							
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$36,111	Cum To Date (Cost) \$8,718,237	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)		
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)		
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)		
COMPLETION	16.67	\$0	\$5,911,382	\$0			

Daily Operations							
Rig							
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 41.31	Report Number 40	Report End Date 11/23/2014		
Last Casing String PRODUCTION 1, 14,070.0ftKB							
Status at 6 AM				24 Hour Forecast			

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



Partner Report

Report # 39 Date: 12/5/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$31,763	Cum To Date (Cost) \$8,677,778	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	17.67	\$31,763	\$5,943,145	\$0	

Daily Operations					
Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 53.31	Report Number 39	Report End Date 12/5/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM CONT D/O	24 Hour Forecast CONT D/O

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:30	2.50	RIGU	ACTIVE	MIRU ESCO 236.
08:30	09:15	0.75	BOPS	ACTIVE	ND WH AND FV. NU BOP'S.
09:15	19:30	10.25	TRIP	ACTIVE	TESTED MOTOR AND RIH W/ 4 3/4" JZ BIT, 3.5" MOTOR AND 161 JTS TAGGING KILL PLUG AT 5,000'. RU SWIVEL AND FOUND THAT MOTOR WOULDN'T TURN. RD SWIVEL AND POOH STANDING BACK. CHANGED OUT MOTOR AND RIH BACK TO KILL PLUG.
19:30	06:00	10.50	DRLG	ACTIVE	RU SWIVEL, BROKE CIRC AND DRILLED OUT KILL PLUG IN 25 MIN PUMPING 3 BPM AND REC 4.5 BPM W/ 240 PSI. CONT RIH TAGGING AND DRILLING OUT CFP #1 AT 6,375' ON JT 206 IN 35 MIN. CONT WASHING DOWN. PUMPED 567 BBLs. REC 652 BBLs.



Partner Report

Report # 40 Date: 12/6/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$32,148	Cum To Date (Cost) \$8,717,351	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	18.67	\$32,148	\$5,982,718	\$0	

Daily Operations					
Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 54.31	Report Number 40	Report End Date 12/6/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM CONT D/O	24 Hour Forecast SDFWKND.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	16:30	10.50	DRLG	ACTIVE	<p>CONT WASHING DOWN DRILLING OUT CFP #2 AT 6,627' ON JT 214 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #3 AT 6,885' ON JT 222 IN 25 MIN. CONT WASHING DOWN DRILLING OUT CFP #4 AT 7,141' ON JT 230 IN 18 MIN. CONT WASHING DOWN DRILLING OUT CFP #5 AT 7,371' ON JT 238 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #6 AT 7,617' ON JT 246 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #7 AT 7,854' ON JT 254 IN 25 MIN. CONT WASHING DOWN DRILLING OUT CFP #8 AT 8,089' ON JT 261 IN 15 MIN. CONT WASHING DOWN DRILLING OUT CFP #9 AT 8,327' ON JT 269 IN 35 MIN. CONT WASHING DOWN DRILLING OUT CFP #10 AT 8,578' ON JT 277 IN 25 MIN. CONT WASHING DOWN DRILLING OUT CFP #11 AT 8,811' ON JT 285 IN 30 MIN. CONT WASHING DOWN DRILLING OUT CFP #12 AT 9,052' ON JT 292 IN 26 MIN. CONT WASHING DOWN DRILLING OUT CFP #13 AT 9,300' ON JT 300 IN 27 MIN. CONT WASHING DOWN DRILLING OUT CFP #14 AT 9,536' ON JT 308 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #15 AT 9,775' ON JT 316 IN 24 MIN. CONT WASHING DOWN DRILLING OUT CFP #16 AT 10,018' ON JT 324 IN 22 MIN. CONT WASHING DOWN DRILLING OUT CFP #17 AT 10,250' ON JT 331 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #18 AT 10,495' ON JT 339. STILL DRILLING CFP #18 AT REPORT TIME.</p> <p>MED TO HVY SAND. CIRC CLEAN EVERY 2 TO 3 PLUGS. PUMPING 3 BPM REC 3.5 BPM W/ 180 PSI ON LAST PLUG.</p> <p>PUMPED 3,694 BBLs. REC 5,068 BBLs.</p>



Partner Report

Report # 41 Date: 12/7/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$25,988	Cum To Date (Cost) \$8,743,339	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	19.67	\$25,988	\$6,008,706	\$0	

Daily Operations					
Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 55.31	Report Number 41	Report End Date 12/7/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM SI.	24 Hour Forecast SDFWKND.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	DRLG	ACTIVE	DRILLED OUT CFP #18 AT 10,495' ON JT 339 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #19 AT 10,736' ON JT 347 IN 30 MIN. CONT WASHING DOWN DRILLING OUT CFP #20 AT 10,966' ON JT 354 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #21 AT 11,211' ON JT 362 IN 20 MIN. CONT WASHING DOWN DRILLING OUT CFP #22 AT 11,453' ON JT 370 IN 20 MIN. CONT WASHING DOWN TO 11,684 ON JT 376. MED TO HVY SAND. CIRC CLEAN EVERY 2 TO 3 PLUGS. PUMPING 3 BPM REC 4 BPM W/ 200 PSI ON LAST PLUG. PUMPED 1,170 BBLs. REC 3,340 BBLs.
12:00	14:00	2.00	CIRC	ACTIVE	PUMPED SWEEP AND CIRC HOLE CLEAN.
14:00	16:45	2.75	TRIP	ACTIVE	RD SWIVEL AND POOH W/ 192 JTS TO 5,719 LEAVING 184 JTS IN THE HOLE.
16:45	06:00	13.25	SHUTDOWN	ACTIVE	SDFWKND.



Partner Report

Report # 42 Date: 12/9/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$36,877	Cum To Date (Cost) \$8,780,216	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	20.67	\$36,877	\$6,045,583	\$0	

Daily Operations					
Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 57.31	Report Number 42	Report End Date 12/9/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM DRILLING CFPS	24 Hour Forecast DRILL CFPS. TAG PBD. CIRCULATE HOLE CLEAN. POOH W/ WS. RUN PROD TBG.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	SHUTDOWN	ACTIVE	DROVE TO LOCATION. HELD PJSM.
07:00	08:15	1.25	RUNCOM	ACTIVE	SICP 360 PSI. OPEN WELL AND RIH W/ 89 JTS 2 7/8" PH-6 TBG. TAG SAND HIGH AT 8,470' W/ 273 JTS TBG.
08:15	09:45	1.50	PULCOM	ACTIVE	POOH W/ 42 JTS 2 7/8" PH-6 TBG LAYING DOWN.
09:45	10:45	1.00	RUNCOM	ACTIVE	RIH W/ 42 JTS 2 7/8" TBG IN STANDS.
10:45	11:00	0.25	RIGU	ACTIVE	PU SWIVEL
11:00	11:30	0.50	CIRC	ACTIVE	ESTABLISH CIRCULATION.
11:30	17:30	6.00	RUNCOM	ACTIVE	CONTINUED RIH WASHING SAND W/ 105 JTS TBG. TAG CFP #23 AT 11,695' W/ 378 JTS TBG. DRILLED PLUG IN 35 MIN. CONTINUED RIH WASHING W/ 7 JTS TBG. TAG CFP #24 ON JT 385 AT 11,927'. DRILLED IN 20 MIN. CONTINUED RIH WASHING W/ 8 JTS TBG. TAG CFP #25 ON JT 393 AT 12,172' . DRILLED IN 45 MIN. CONTINUED RIH WASHING W/ 8 JTS TBG. TAG CFP #26 ON JT 401 AT 12,412 .
17:30	18:30	1.00	CIRC	ACTIVE	CIRCULATED HOLE CLEAN.
18:30	21:00	2.50	RUNCOM	ACTIVE	CONTINUED RIH WASHING SAND W/ 8 JTS TBG. TAG CFP #26 AT 12,412 ' DRILLED CFP #26 IN 30 MIN.
21:00	00:00	3.00	SHUTDOWN	ACTIVE	REPAIR PUMP TRK.
00:00	05:00	5.00	RUNCOM	ACTIVE	CONTINUED RIH WASHING SAND W/ 8 JTS TBG. TAG CFP #27 AT 12,642 W/ 409 JTS TBG. DRILLED CFP 327 IN 30 MIN. CONTINUED RIH WASHING SAND W/ 7 JTS TBG. TAG CFP #28 AT 12,885' W/ 416 JTS TBG. DRILLED CFP #28 IN 32 MIN. CONTINUED RIH WASHING SAND W/ 8 JTS TBG. TAG CFP #29 AT 13,130' W/ 424 JTS TBG. DRILLED CFP #29 IN 35 MIN. CONTINUED RIH WASHING SAND W/ 6 JTS TBG. TAG CFP #30 AT 13,370' PUMPING 3 BPM W/ RETURNS OF 3.5 BPM W/ 180 PSI WHP.
05:00	06:00	1.00	CIRC	ACTIVE	CIRCULATED HOLE CLEAN. PUMPED 1,392 BBLs, RECOVERED 3,517 BBLs, GAINED 733 BBLs. LTR 319,936 BBLs.



Partner Report

Report # 43 Date: 12/10/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$34,975	Cum To Date (Cost) \$8,815,191	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	21.67	\$34,975	\$6,080,558	\$0	

Daily Operations					
Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 58.31	Report Number 43	Report End Date 12/10/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM RUNNING PROD TBG.	24 Hour Forecast LAND PROD TBG. WAITING ON FLOW BACK.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	DRLG	ACTIVE	CONTINUED TO DRILL OUT CFP #30.
07:00	08:30	1.50	CIRC	ACTIVE	CIRCULATED HOLE CLEAN.
08:30	15:30	7.00	RUNCOM	ACTIVE	CONTINUED RIH W/ 10 JTS 2 7/8" TBG. TAG CFP #31 AT 13,609 W/ 440 JTS TBG. DRILLED CFP #31 IN 30 MIN CONTINUED RIH W/ 7 JTS 2 7/8" TBG. TAG CFP #32 AT 13,815' W/ 447 JTS TBG. DRILLED CFP #32 IN 60 MIN. CONTINUED WASHING REAMING SAND DOWN W/ 3 JTS TBG. TAG PBTD AT 13,940' W/ 450 JTS TBG.
15:30	18:30	3.00	CIRC	ACTIVE	PUMPED SWEEPS AND CIRCULATED HOLE CLEAN.
18:30	03:00	8.50	PULCOM	ACTIVE	POOH W/ 275 JTS 2 7/8" PH-6 WS.
03:00	04:00	1.00	CIRC	ACTIVE	PUMPED 140 BBLS HEAVY WATER FOR WELL CONTROL.
04:00	04:15	0.25	RIGD	ACTIVE	LAY DOWN SWIVEL.
04:15	06:00	1.75	PULCOM	ACTIVE	CONTINUED POOH W/ 185 JTS PH-6 TBG, 3 1/2" MOTOR AND 4 3/4" BIT. PUMPED 2,470 BBLS RECOVERED 2,830 BBLS GAINED 360 BBLS. LTR 319,576 BBLS



Partner Report

Report # 44 Date: 12/11/2014 06:00

District MIDLAND 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 4210541761	Latitude (°) 31° 1' 28.417" N	Longitude (°) 100° 58' 40.374" W	Ground Elev... 2,562.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,587.00	Tubing Head Elevation (ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$60,263	Cum To Date (Cost) \$8,875,454	Total WBS+Sup (Cost) \$7,232,180	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	20.17	\$0	\$2,734,632	\$2,126,000	(\$608,632)
COMPLETION	22.67	\$60,263	\$6,140,821	\$0	

Daily Operations					
Rig ENERGY SERVICE, 236					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 59.31	Report Number 44	Report End Date 12/11/2014

Last Casing String PRODUCTION 1, 14,070.0ftKB	
Status at 6 AM POOH W/ WS.	24 Hour Forecast WAITING ON FLOW BACK.

Time Log					
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	PULCOM	ACTIVE	CONTINUED POOH W/ 2 7/8" PH-6 WS, 3 1/2" DOWNHOLE MOTOR AND 4 3/4" JZ BIT.
07:30	09:00	1.50	RIGU	ACTIVE	RACK AND TALLEY 2 7/8" L-80 WS.
09:00	12:30	3.50	RUNCOM	ACTIVE	RIH W/ MULE SHOE, CERMIC RUPTURE DISK, 1 JT 2 7/8" L-80 GRADE TBG, F NIPPLE, 9 JTS 2 7/8" TBG, X NIPPLE AND 174 JTS 2 7/8" TBG W/ 8 EA LUFKIN GAS LIFT MANDRILS AS PER DESIGN. LAND PROD TBG AT 6,064.55' W/ 185 JTS TBG. X NIPPLE AT 5,735' AND F NIPPLE AT 6,030'.
12:30	13:30	1.00	WLHEAD	ACTIVE	ND BOPS. NU WELL HEAD.
13:30	14:30	1.00	CIRC	ACTIVE	SHEAR BURST DISK W/ 1,800 PSI. PUMP 170 BBLS BIO WATER. ENDING PRESSURE 300 PSI. SWI.
14:30	15:30	1.00	RIGD	ACTIVE	RD ESCO WO RIG. MOL.
15:30	06:00	14.50	SHUTDOWN	ACTIVE	WAITING TO FLOW BACK. FTR 319,746 BBLS

**UNIVERSITY 52-23 11H****MIDLAND BASIN
UNRESTRICTED
CONFIDENTIAL****Partner Report****Report # 100 Date: 2/26/2015 6:00:00 AM**

Sub-Division MIDLAND BASIN	County CROCKETT	Field LIN (WOLFCAMP)			Region PB TEXAS EAST		State/Province TX
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (*) 31.024560350	Longitude (*) -100.977881790	Ground Elev. 2,562.0	KB - GL (ft) 25.0	Orig KB Elev. (ft) 2,587.0	Tub.Head Elev ft)

Jobs							
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0			Authorized Depth TVD (ftKB)		API/UWI 4210541761	

Costs							
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$750.00	Cum to Date (Cost) \$8,859,531.76	Total WBS+Sup (Cost) \$7,232,180.00	Job % Complete (%)		

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
COMPLETION	78.67	\$750.00	\$6,194,899.40	\$0.00	
DRILLING	20.17	\$0.00	\$2,664,632.36	\$2,026,000.00	(\$638,632.36)

Daily Operations							
Rig							
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 136.31	Report Number 100	Report End Date 2/26/2015		
Last Casing String SURFACE 849(ftKB)							
Status at 6 AM				24 Hour Forecast			

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

**UNIVERSITY 52-23 11H****MIDLAND BASIN
UNRESTRICTED
CONFIDENTIAL****Partner Report****Report # 100 Date: 3/6/2015 6:00:00 AM**

Sub-Division MIDLAND BASIN	County CROCKETT	Field LIN (WOLFCAMP)			Region PB TEXAS EAST		State/Province TX
Surface Legal Location S 23, BLK 52, ULS	API/UWI 4210541761	Latitude (*) 31.024560350	Longitude (*) -100.977881790	Ground Elev. 2,562.0	KB - GL (ft) 25.0	Orig KB Elev. (ft) 2,587.0	Tub.Head Elev ft)

Jobs			
Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 14,194.0	Authorized Depth TVD (ftKB)	API/UWI 4210541761

Costs					
WBS Number XX-108920.01.DRL;XX-108920.01.CMP;XX-108920.01.EQP;XX-108920.01.TIE	Planned Days (days) 16.20	Daily Cost (Cost) \$4,815.00	Cum to Date (Cost) \$8,863,596.76	Total WBS+Sup (Cost) \$7,232,180.00	Job % Complete (%)

Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
COMPLETION	86.67	\$4,815.00	\$6,198,964.40	\$0.00	
DRILLING	20.17	\$0.00	\$2,664,632.36	\$2,026,000.00	(\$638,632.36)

Daily Operations						
Rig						
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 14,136.0	End Depth (TVD) (ftKB) 5,727.4	DFS (days) 144.31	Report Number 100	Report End Date 3/6/2015	
Last Casing String SURFACE 849(ftKB)						
Status at 6 AM			24 Hour Forecast			

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