



**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01**

**WEST UNRESTRICTED**  
**CONFIDENTIAL**

**Partner Report**

**Report # 19 Date: 10/17/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$28,050	Cum To Date (Cost) \$2,139,684	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	1.00	\$28,050	\$28,050	\$0	

**Daily Operations**

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 11,620.0	End Depth (TVD) (ftKB) 6,711.3	DFS (days) 18.35	Report Number 19	Report End Date 10/17/2014
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Last Casing String

PRODUCTION 2, 11,620.0ftKB

Status at 6 AM

SI, WAITING ON FRAC

24 Hour Forecast

WAITING ON FRAC

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:30	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH ALL PERSONNEL ON LOCATION
07:30	11:30	4.00	RIGU	ACTIVE	RU ALLIED WIRELINE, RAIDER PUMPS, RED DIRT WHIT, PEAK LUBRICATOR
11:30	12:00	0.50	STIM	ACTIVE	TEST LINES TO 8,500 PSI. FIXED LEAKS AND RETESTED. GOOD TEST.
12:00	13:00	1.00	STIM	ACTIVE	OWHP 70 PSI. BRING PRESSURE TO 6,300 PSI AND LOGGED 5 MINUTES. GOOD TEST. INCREASED PRESSURE TO 7,500 PSI AND HELD 5 MIN. INCREASED TO 8,000 AND HELD 5 MIN. INCREASED TO 8,300 AND RSI TOOL OPENED. INCREASED RATE TO 12 BPM AT 5,330 PSI AND PUMPED TOTAL OF 60 BBLS.
13:00	15:30	2.50	PERF	ACTIVE	STG 1 RU ALLIED WIRELINE TO PERF STG 1. PUMPED DOWN 3 EACH 3 3/8" GUNS WITH DUMMY PLUG. PERF STAGE 1: 11,344'-36', 11,404'-06', 11,464'-66' W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 CONNEX), 36 HOLES TOTAL. POOH W/ GUNS AND DUMMY PLUG AND LOGGED COLLARS UP TO MARKER JOINT. ALL SHOTS FIRED. RAIDER PUMPDOWN BBLS--- 438 BBLS
15:30	16:15	0.75	STIM	ACTIVE	RU RAIDER PUMPS. ESTABLISHED RATE AT 5 BPM @ 3,280 PSI. SWITCHED TO ACID. PUMPED 2,000 GALS 15% HCL. SWITCHED TO FLUSH. PUMPED 300 BBLS AT 15 BPM @ 5,640 PSI THEN 15 BPM @ 4,881 AFTER ACID BREAK. ISIP 2,756 PSI.
16:15	17:15	1.00	RIGD	ACTIVE	RDMO RAIDER PUMPS, AND ALLIED WIRELINE.
17:15	06:00	12.75	SHUTDOWN	ACTIVE	SHUTDOWN. WAITING ON FRAC.

**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01****WEST UNRESTRICTED**  
**CONFIDENTIAL****Partner Report****Report # 21 Date: 10/22/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$674,465	Cum To Date (Cost) \$3,386,978	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	3.00	\$674,465	\$1,275,344	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 11,620.0	End Depth (TVD) (ftKB) 6,711.3	DFS (days) 23.35	Report Number 21	Report End Date 10/22/2014
Last Casing String PRODUCTION 2, 11,620.0ftKB					
Status at 6 AM FRAC			24 Hour Forecast CONTINUE FRAC OPS		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 6 HORIZONTAL PERFORATION 10,144 - 10,326 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2081 ;BREAK DOWN @ 3,998 PSI. AVG PRESS 4,373 PSI, AVG RATE 81 BPM MAX PRESS 5,257 PSI MAX RATE 84 BPM ISIP 3,072 PSI; FG .89 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5,650 BBLS CLEAN. USED 48,000 LBS 100 MESH USED 189,400 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
08:00	09:30	1.50	STIM	ACTIVE	WAITING ON O-TEX
09:30	11:00	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 7 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 10,114 ' PERFORATED STAGE 7 HORIZONTAL INTERVALS AS FOLLOWS:  10084 10086 10024 10026 9964 9966 9904 9906  W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLS= 181 BLS
11:00	12:30	1.50	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 7 HORIZONTAL PERFORATION 9,904 - 10086 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2064 ;BREAK DOWN @ 3,873 PSI. AVG PRESS 4,170 PSI, AVG RATE 80 BPM MAX PRESS 5,625 PSI MAX RATE 85 BPM ISIP 2,829 PSI; FG .86 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5,401 BBLS CLEAN. USED 45,000 LBS 100 MESH USED 188,040 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED

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**WEST UNRESTRICTED****CONFIDENTIAL****Partner Report****Report # 21 Date: 10/22/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
12:30	14:30	2.00	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 8 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 9874 ' ; PERFORATED STAGE 8 HORIZONTAL INTERVALS AS FOLLOWS:  9844 9846 9784 9786 9724 9726 9664 9666  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs= 165 BLS
14:30	16:30	2.00	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 8 HORIZONTAL PERFORATION 9,664 - 9,846 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2089 ; BREAK DOWN @ 4,581 PSI. AVG PRESS 4,287 PSI, AVG RATE 80 BPM MAX PRESS 5,511 PSI MAX RATE 83 BPM ISIP 2,900 PSI; FG .87 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5,440 BBLs CLEAN. USED 47,420 LBS 100 MESH USED 188,320 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
16:30	18:00	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 9 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 9,634 ' ; PERFORATED STAGE 9 HORIZONTAL INTERVALS AS FOLLOWS:  9604 9606 9544 9546 9484 9486 9424 9426  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs= 150 BLS
18:00	20:00	2.00	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 9 HORIZONTAL PERFORATION 9,424 - 9,606 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI 2017 - ; BREAK DOWN @ 3680 PSI. AVG PRESS 3997 PSI, AVG RATE 80 BPM MAX PRESS 6111 PSI MAX RATE 85 BPM ISIP 2886 PSI; FG .86 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5436 BBLs CLEAN. USED 47,580 LBS 100 MESH USED 188,680 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
20:00	21:30	1.50	INACTIVE	INACTIVE	WIRELINE TRUCK RE-GIN
21:30	23:30	2.00	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 10 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 9,394 ' ; PERFORATED STAGE 10 HORIZONTAL INTERVALS AS FOLLOWS:  9364 9366 9304 9306 9244 9246 9184 9186  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs= 159 BBLs

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Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
23:30	01:00	1.50	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 10 HORIZONTAL PERFORATION 9,184 - 9,366 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 1945 ;.BREAK DOWN @ 4621 PSI. AVG PRESS 4204 PSI, AVG RATE 81 BPM MAX PRESS 6004 PSI MAX RATE 82 BPM ISIP 2850 PSI; FG .86 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5420 BBLs CLEAN. USED 48,400 LBS 100 MESH USED 186,940 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
01:00	03:00	2.00	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 11 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 9154, PERFORATED STAGE 11 HORIZONTAL INTERVALS AS FOLLOWS:  9124 9126 9064 9066 9004 9006 8944 8946  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs= 145 BBLs
03:00	05:00	2.00	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 11 HORIZONTAL PERFORATION 8944 - 9126' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2010 ;.BREAK DOWN @ 4216 PSI. AVG PRESS 4498 PSI, AVG RATE 81 BPM MAX PRESS 7006 PSI MAX RATE 82 BPM ISIP 2875 PSI; FG .86 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5504 BBLs CLEAN. USED 46,000 LBS 100 MESH USED 183,760 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
05:00	06:00	1.00	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 12 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 8914', PERFORATED STAGE 12 HORIZONTAL INTERVALS AS FOLLOWS:  8884 8886 8824 8826 8764 8766 8704 8706  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs=150 BBLs



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**Partner Report**

**Report # 22 Date: 10/23/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$832,500	Cum To Date (Cost) \$4,267,078	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	4.00	\$832,500	\$2,155,444	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 11,620.0	End Depth (TVD) (ftKB) 6,711.3	DFS (days) 24.35	Report Number 22	Report End Date 10/23/2014
Last Casing String PRODUCTION 2, 11,620.0ftKB					
Status at 6 AM FRAC			24 Hour Forecast CONTINUE FRAC OPS		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 12 HORIZONTAL PERFORATION 8,704 - 8,886' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2,124 ;.BREAK DOWN @ 4245 PSI. AVG PRESS 4,292 PSI, AVG RATE 81 BPM MAX PRESS 6,941 PSI MAX RATE 84 BPM ISIP 2,761 PSI; FG .85 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5550 BBLS CLEAN. USED 46,420 LBS 100 MESH USED 183,580 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
08:00	09:30	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 13 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 8,674', PERFORATED STAGE 13 HORIZONTAL INTERVALS AS FOLLOWS:  8644 8646 8584 8586 8524 8526 8464 8466  W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLS=104 BBLS
09:30	11:00	1.50	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 13 HORIZONTAL PERFORATION 8,464 - 8,646 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2,117 ;.BREAK DOWN @ 4,302 PSI. AVG PRESS 4,309 PSI, AVG RATE 80 BPM MAX PRESS 7,170 PSI MAX RATE 82 BPM ISIP 2,908 PSI; FG .87 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5,483 BBLS CLEAN. USED 46,280 LBS 100 MESH USED 186,580 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED

**UNIVERSITY 47-5 3H**

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Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
11:00	12:30	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 14 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 8,434', PERFORATED STAGE 14 HORIZONTAL INTERVALS AS FOLLOWS:  8404 8406 8344 8346 8284 8286 8224 8226  W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs=98 BBLs
12:30	14:00	1.50	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 14 HORIZONTAL PERFORATION 8,224 - 8,406 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2,185 ;BREAK DOWN @ 4,671 PSI. AVG PRESS 4,080 PSI, AVG RATE 80 BPM MAX PRESS 6,687 PSI MAX RATE 82 BPM ISIP 2,768 PSI; FG .85 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5,427 BBLs CLEAN. USED 49,080 LBS 100 MESH USED 185,440 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
14:00	15:30	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 15 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 8,194', PERFORATED STAGE 15 HORIZONTAL INTERVALS AS FOLLOWS:  8164 8166 8104 8106 8044 8046 7984 7986  W/ 6 SPF, 0.42" EHD, 60" PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs=82 BBLs
15:30	17:00	1.50	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 15 HORIZONTAL PERFORATION 7,984 - 8,166 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2,149 ;BREAK DOWN @ 4,581 PSI. AVG PRESS 4,680 PSI, AVG RATE 81 BPM MAX PRESS 7,170 PSI MAX RATE 82 BPM ISIP 2,697 PSI; FG .84 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5,421 BBLs CLEAN. USED 50,120 LBS 100 MESH USED 187,800 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
17:00	17:30	0.50	SAFETY	ACTIVE	SHIFT CHANGE SAFETY MEETING DISCUSSING PPE, PINCH POINTS, CHEMICALS,ACID & USING THE BUDDY SYSTEM

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Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
17:30	18:30	1.00	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 16 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 7,954', PERFORATED STAGE 16 HORIZONTAL INTERVALS AS FOLLOWS:  7924 7926 7864 7866 7804 7806 7744 7746  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs=67 BBLs
18:30	20:00	1.50	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 16 HORIZONTAL PERFORATION 7,744 - 7,926 ' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2085 ;.BREAK DOWN @ 4023 PSI. AVG PRESS 3975 PSI, AVG RATE 80 BPM MAX PRESS 5031 PSI MAX RATE 82 BPM ISIP 2865 PSI; FG .86 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 4784 BBLs CLEAN. USED 48,360 LBS 100 MESH USED 184,800 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
20:00	21:30	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 17 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 7,714', PERFORATED STAGE 17 HORIZONTAL INTERVALS AS FOLLOWS:  7684 7686 7624 7626 7564 7566 7504 7506  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs= 60 BBLs
21:30	23:00	1.50	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 17 HORIZONTAL PERFORATION 7,504 - 7,686' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2085 PSI. ; BREAK DOWN @ 5654 PSI. AVG PRESS 4126 PSI, AVG RATE 81 BPM MAX PRESS 6254 PSI MAX RATE 82 BPM ISIP 2832 PSI; FG .86 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5154 BBLs CLEAN. USED 48,240 LBS 100 MESH USED 190,240 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
23:00	00:30	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 18 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 7474', PERFORATED STAGE 18 HORIZONTAL INTERVALS AS FOLLOWS:  7444 7446 7384 7386 7324 7326 7264 7266  W/ 6 SPF, 0.42" EHD, 60° PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs= 50 BBLs



**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01**

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 22 Date: 10/23/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
00:30	02:30	2.00	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 18 HORIZONTAL PERFORATION 7264 - 7446' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2103 PSI. ; BREAK DOWN @ 5654 PSI. AVG PRESS 4126 PSI, AVG RATE 81 BPM MAX PRESS 4638 PSI MAX RATE 82 BPM ISIP 2832 PSI; FG .86 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5745 BBLs CLEAN. USED 48,500 LBS 100 MESH USED 194,860 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED
02:30	04:00	1.50	PERF	ACTIVE	RU ALLIED WIRELINE TO PERF STG 19 PUMPED DOWN 4 EACH 3 3/8" GUNS AND HES BALL DROP CFP TO 7234', PERFORATED STAGE 19 HORIZONTAL INTERVALS AS FOLLOWS:  7204 7206 7144 7146 7084 7086 7024 7026  W/ 6 SPF, 0.42" EHD, 60* PHASED, 25 GRAM CHG (6 JSPF) 48 HOLES TOTAL. POOH W/ GUNS AND SETTING TOOL. ALL SHOTS FIRED  OTEX PUMPDOWN BBLs= 36 BBLs
04:00	06:00	2.00	STIM	ACTIVE	RU WEATHERFORD, RED DIRT WHIT, BTT WT TO FRAC STAGE 19 HORIZONTAL PERFORATION 7024 - 7206' W/240,000 GALS SLICKWATER, 50,000 LBS 100 MESH AND 187,500 LBS 40/70 OTTAWA SAND DOWN 5 1/2" 17# P-110 CASING. PUMPED AS FOLLOWS: OPENING WELL PSI - 2,153 PSI. ; BREAK DOWN @ 4,180 PSI. AVG PRESS 3,968 PSI, AVG RATE 80 BPM MAX PRESS 6,169 PSI MAX RATE 81 BPM ISIP 2,757 PSI; FG .85 PSI/FT. USED 3,000 GALS 7.5% HCL ACID.; USED 5,019 BBLs CLEAN. USED 45,160 LBS 100 MESH USED 190,680 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGN





**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01**

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**Partner Report**

**Report # 23 Date: 10/24/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$3,200	Cum To Date (Cost) \$4,270,278	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	5.00	\$3,200	\$2,158,644	\$0	

**Daily Operations**

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,620.0	End Depth (TVD) (ftKB)	6,711.3	DFS (days)	25.35	Report Number	23	Report End Date	10/24/2014
Last Casing String											
PRODUCTION 2, 11,620.0ftKB											
Status at 6 AM						24 Hour Forecast					
SI						SI WAIT ON D/O					

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	09:00	3.00	STIM	ACTIVE	SET KILL PLUG @ 6000' TOTAL 100 MESH - 855,960 TOTAL 40.70 - 3,380,600 LTR - 102,599
09:00	15:00	6.00	RIGD	ACTIVE	RDMO ALL VENDORS
15:00	06:00	15.00	SHUTDOWN	ACTIVE	WELL SHUT IN WAITING ON DRILLOUT



**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01**

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**Partner Report**

**Report # 24 Date: 10/25/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$16,600	Cum To Date (Cost) \$4,286,878	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	6.00	\$16,600	\$2,175,244	\$0	

**Daily Operations**

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,620.0	End Depth (TVD) (ftKB)	6,711.3	DFS (days)	26.35	Report Number	24	Report End Date	10/25/2014
Last Casing String											
PRODUCTION 2, 11,620.0ftKB											
Status at 6 AM						24 Hour Forecast					
SI						SI OVER WEEKEND					

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:00	6.00	RIGU	ACTIVE	MIRU ESCO W/O UNIT #235 INSTALL BOP, FLOW CROSS,BASE BEAM, CAT WALK AND PIPE RACKS
12:00	14:00	2.00	SHUTDOWN	ACTIVE	WAIT ON PIPE DELIVERY
14:00	17:00	3.00	CSG	ACTIVE	LOAD 12,000' OF 2 7/8 L-80 6.5 EUE TUBING ONTO PIPE RACKS AND TALLY PIPE
17:00	06:00	13.00	SHUTDOWN	ACTIVE	SECURE WELL WELL SHUT IN FOR THE WEEKEND START DRILLOUT OPERATION ON MONDAY



**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01**

**WEST UNRESTRICTED**  
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**Partner Report**

**Report # 25 Date: 10/28/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$101,000	Cum To Date (Cost) \$4,387,878	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	6.00	\$101,000	\$2,259,644	\$0	

**Daily Operations**

Rig					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 11,620.0	End Depth (TVD) (ftKB) 6,711.3	DFS (days) 29.35	Report Number 25	Report End Date 10/28/2014
Last Casing String PRODUCTION 2, 11,620.0ftKB					
Status at 6 AM WSI			24 Hour Forecast D/O FRAC PLUGS OPS		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	RIG CREW TRAVEL TO LOCATION
07:00	07:30	0.50	SAFETY	ACTIVE	DISCUSSED PICKING UP TUBING TO DRILL OUT FRAC PLUGS
07:30	09:30	2.00	TRIP	ACTIVE	PU BRIDGEPORT 4 3/4 JZ BIT AND MOTOR AND BHA , TESTED MOTOR, MOTOR TESTED GOOD. PU 2 7/8 L-80 8RD TRUBING AND RIH FOR 30 JOINTS. SHUT DOWN DUE TO PROBLEMS WITH CLUTCH ON RIG.
09:30	11:30	2.00	SHUTDOWN	ACTIVE	SHUTDOWN AND WAIT ON MECHANIC TO FIX RIG'S CLUTCH. BREAK FOR LUNCH WHILE WAITING.
11:30	13:00	1.50	RIGSVC	ACTIVE	MECHANIC REPLACED AIR VALVE CONTROLING CLUTCH
13:00	14:00	1.00	TRIP	ACTIVE	RESUMED RIH WITH TUBING, PU 30 JTS TUBING AND RIG CLUTCH FAILED AGAIN. SHUT DOWN AND CALLED MECHANIC BACK TO LOCATION.
14:00	17:30	3.50	RIGSVC	ACTIVE	MECHANIC ARRIVED AND REPLACE 2ND AIR VALVE,
17:30	22:30	5.00	TRIP	ACTIVE	CONT IN HOLE W/ DRLG BHA AND WORK STRING TBG. TAGGED KILL PLUG @ 6000' JT# 183.
22:30	02:30	4.00	DRLG	ACTIVE	PU POWER SWIVEL. D/O PLUGS AS FOLLOWS:  PLUG DEPTH JT D/O TIME KP 6000' 183 36 MIN 1 7230' 221 16 MIN 2 7471' 212 03 MIN 3 7713' 236 09 MIN
02:30	03:30	1.00	CIRC	ACTIVE	CIRCULATE BOTTOMS UP, WHP: 280 PSI, R/O: 5.0 BPM
03:30	04:30	1.00	DRLG	ACTIVE	PLUG DEPTH JT D/O TIME 4 7957' 243 07 MIN 5 8191' 250 11 MIN 6 8434' 258 09 MIN
04:30	06:00	1.50	CIRC	ACTIVE	CIRCULATE BOTTOMS UP AT REPORT TIME WHP: 200 PSI, R/O: 5.0 BPM

**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01****WEST UNRESTRICTED**  
**CONFIDENTIAL****Partner Report****Report # 26 Date: 10/29/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$25,500	Cum To Date (Cost) \$4,413,378	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	7.00	\$25,500	\$2,285,144	\$0	

**Daily Operations**

Rig											
ENERGY SERVICE, 235											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,620.0	End Depth (TVD) (ftKB)	6,711.3	DFS (days)	30.35	Report Number	26	Report End Date	10/29/2014
Last Casing String											
PRODUCTION 2, 11,620.0ftKB											
Status at 6 AM						24 Hour Forecast					
CIRCULATING AT PLUG 7						RIH WITH GLV AND TURN WELL OVER FOR TESTING					

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	RIG CREW TRAVEL TO LOCATION
07:00	07:30	0.50	SAFETY	ACTIVE	HELD MEETING, DISCUSSED AGENDA FOR TODAY, POINTED OUT HOUSEKEEPING AROUND WELL HEAD, AND TALKED ABOUT IMPORTANCE OF PPE
07:30	09:30	2.00	DRLG	ACTIVE	PLUG DEPTH JT D/O TIME 7 8672' 265 30 MIN 8 8916' 272 20 MIN 9 9154' 280 10 MIN
09:30	10:00	0.50	CIRC	ACTIVE	CIRCULATE BOTTOMS UP, WHP: 210 PSI, R/O: 5.4 BPM
10:00	12:00	2.00	DRLG	ACTIVE	PLUG DEPTH JT D/O TIME 10 9392' 287 10 MIN 11 9632' 294 15 MIN 12 9874' 302 25 MIN
12:00	13:30	1.50	CIRC	ACTIVE	CIRCULATE BOTTOMS UP, WHP: 210 PSI, R/O: 5.0 BPM
13:30	15:30	2.00	DRLG	ACTIVE	PLUG DEPTH JT D/O TIME 13 10115' 309 35 MIN 14 10354' 316 20 MIN 15 10590' 324 16 MIN
15:30	16:30	1.00	CIRC	ACTIVE	CIRCULATE BOTTOMS UP, WHP: 190 PSI, R/O: 5.0 BPM
16:30	19:00	2.50	DRLG	ACTIVE	PLUG DEPTH JT D/O TIME 16 10831' 331 38 MIN 17 11074' 338 25 MIN 18 11312' 346 70 MIN
19:00	21:30	2.50	CIRC	ACTIVE	ALL FRAC PLUGS DRILLED PU 5 JTS AND CIRCULATE DOWN TO 11,503, JT# 351. START STAGE 1 CIRCULATION, 500 BBLS. WHP: 180, R/O 4.5
21:30	22:30	1.00	TRIP	ACTIVE	TOH LAYING DOWN 31 JTS BACK TO 10,503'
22:30	01:30	3.00	CIRC	ACTIVE	START STAGE 2 CIRCULATION, 500 BBLS. WHP: 140, R/O 4.0
01:30	03:30	2.00	TRIP	ACTIVE	TOH LAYING DOWN 104 JTS BACK TO 7,100'
03:30	04:30	1.00	CIRC	ACTIVE	START STAGE 3 CIRCULATION, 250 BBLS. WHP: 140, R/O 4.0
04:30	06:00	1.50	TRIP	ACTIVE	POOH STANDING BACK 7,100' IN PREP FOR RIH WITH GLV. POOH AT REPORT TIME

**UNIVERSITY 47-5 3H**  
**Wellbore Name: ST01****WEST UNRESTRICTED**  
**CONFIDENTIAL****Partner Report****Report # 27 Date: 10/30/2014 06:00**

District MIDLAND BASIN	County CROCKETT	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 5, BLK 47, UNIVERSITY LAND	API/UWI 4210542132	Latitude (°) 31° 4' 24.949" N	Longitude (°) 101° 18' 27.133" W	Ground Elev... 2,708.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,733.00	Tubing Head Elevation (ft)

**Jobs**

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,650.0	Authorized Depth TVD (ftKB)	API/UWI 4210542132
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**Costs**

WBS Number XX-107568.01.DRL;XX-107568.01.CMP;XX-107568.01.EQP;XX-107568.01.TIE	Planned Days (days) 14.50	Daily Cost (Cost) \$41,600	Cum To Date (Cost) \$4,454,978	Total WBS+Sup (Cost) \$5,157,027	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	18.00	\$0	\$2,111,634	\$1,951,000	(\$160,634)
COMPLETION	7.48	\$41,600	\$2,326,744	\$0	

**Daily Operations**

Rig					
ENERGY SERVICE, 235					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,620.0	6,711.3	31.35	27	10/30/2014
Last Casing String					
PRODUCTION 2, 11,620.0ftKB					
Status at 6 AM			24 Hour Forecast		
CIRCULATING HOLE CLEAN			RU SELECT TESTERS FOR PRODUCTION TESTING. BEGIN FLOWTEST		

**Time Log**

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:30	1.50	TRAVEL	ACTIVE	RIG CREW TRAVEL TO LOCATION
07:30	08:00	0.50	SAFETY	ACTIVE	HELD MEETING AND EXPLAINED STEPS IN RIH WITH GLV.
08:00	09:00	1.00	KILLOP	ACTIVE	RU ESC PUMP AND CIRCULATED 120 BBLs 10.2 BRINE TO KILL WELL. WELL IS DEAD
09:00	10:30	1.50	TRIP	ACTIVE	TOH REMAINDER OF WORKSTRING STANDING BACK 7100' TUBING AND LAYING DOWN BHA TO CATWALK, CLOSED BLINDS ON BOP SHUT DOWN TO HAVE SAFETY MEETING.
10:30	11:00	0.50	SAFETY	ACTIVE	HELD SAFETY MEETING TO DISCUSS PROCEDURE FOR RIH WITH GLV.
11:00	11:30	0.50	RIGU	ACTIVE	RU RIG FLOOR TO RIH WITH GLV
11:30	15:00	3.50	TRIP	ACTIVE	RIH WITH 213 JTS 2 7/8 L-80 8RD TUBING AND 8 GLV AND 1 CERAMIC DISC. GLV RIH AS FOLLOWS:  GLV #8: 1729.99 GLV #7: 2939.47 GLV #6: 3695.10 GLV #5: 4187.34 GLV #4: 4747.60 GLV #3: 5241.76 GLV #2: 5765.30 GLV #1: 6292.93  X-NIPPLE: 6621.24 F-NIPPLE: 6982.24 MS: 7015.40 EOT: 7015.40  LAND TUBING WITH TUBING ANCHOR
15:00	16:00	1.00	RIGD	ACTIVE	RD ESC 235 RIG FLOOR, ND BRIDGEPORT BOP'S, NU 5K PRODUCTION TREE, TIE IN SELECT FLOWBACK LINE TO TREE, RELEASED BRIDGEPORT FISHING.
16:00	16:30	0.50	RIGU	ACTIVE	RU ESC PUMP AND RUPTURE DISC. PUMPED 60 BBLs BIO WATER AT 4.5 BPM @ 1200 PSI, ISIP: 700 PSI
16:30	17:30	1.00	RIGD	ACTIVE	RD ESC RIG AND RELEASE. LOAD 5000' 2 7/8 8 RD L-80 TUBING AND RETURN TO SWEETWATER TUBING YARD. MOVE CATWALK, PIPERACKS AND RIG MAT TO SIDE OF LOCATION FOR TRANSPORTING IN THE AM BACK TO ESC YARD.
17:30	06:00	12.50	SHUTDOWN	ACTIVE	SDFN AND TURNED WELL OVER TO SELECT TESTERS FOR TESTING.
06:00	06:00		FLWTST	ACTIVE	TBG 0.0 CSG 0.0 OIL 0.0 WATER 430 GAS 0.0 CHK 20/64 CHL 0.0 LTR 98,421 WELL FLOWING UP TUBING TO FRAC TANKS.