



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 20 Date: 4/10/2014 20:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$226,618	Cum To Date (Cost) \$1,853,461	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%) 97.1
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$226,618	\$1,853,461	\$1,234,000	(\$619,461)

Daily Operations

Rig CACTUS DRILLING COMPANY, 139					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 11,626.0	End Depth (TVD) (ftKB) 6,871.5	DFS (days) 9.21	Report Number 20	Report End Date 4/10/2014
Last Casing String PRODUCTION 1, 11,626.0ftKB					
Status at 6 AM			24 Hour Forecast		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	10:00	4.00	CMLPRI	ACTIVE	TEST LINES TO 4500 PSI.(GOOD TEST) PUMP 30 BBLS SEAL BOND SPACER, PUMP 30 BBLS 10.0 PPG BRINE, PUMP 30 BBLS SEAL BOND SPACER, 327 BBLS LEAD CEMENT @ 11.8 PPG (765 SACKS) ,PUMP 307 BBLS TAIL CEMENT @ 14.2 PPG (1345 SX), WASH LINES, DROP PLUG, PUMP 24 BBLS ACID, DISPLACE WITH 245 BBLS OF 2% KCL. BUMPED PLUG W/500 PSI OVER @ 1502 PSI. FLOAT HELD, BLED BACK 2 BBLS. FULL RETURNS DURING CEMENT JOB. RECOVERED ALL OBM TO SURFACE, 90 BBLS CEMENT BACK TO SURFACE, RIG DOWN AND RELEASE BAKER HUGHES CEMENTERS. CASING SHOE @ 11,626'
10:00	14:00	4.00	BOPS	ACTIVE	NOTIFIED (TRRC) @ 3:55 PM ON 4/9/2014 TALKED TO IVEY N/D FLOW LINE & ORBIT VALVE. RIG DOWN KATCH-KAN, REMOVE ALL TURN BUCKLES, KOOMEY LINES AND CHOKE LINE TO HAVE STACK READY TO LIFT FOR CASING SLIPS.
14:00	16:30	2.50	WLHEAD	ACTIVE	LIFT STACK AND INSTALL 5 1/2" CSG SLIPS WITH 120K ON SLIPS, W/FMC TECH & DEVON REP, CUT CASING W/ FMC AND LAY OUT SAME, MOVE STACK AND INSTALL NIGHT CAP AND TORQUE SAME, TEST TO 5000 PSI FOR 15 MINS, (GOOD TEST)
16:30	20:00	3.50	DPIPE	ACTIVE	L/D 5" DRILL PIPE FROM DERRICK IN MOUSEHOLE, RELEASE RIG FROM THE UNIVERSIY 48-11 2H TO THE UNIVERSITY 48-11 1H @ 20:00 HRS ON 4/10/2014 NO ACCIDENTS, NO INCIDENTS, NO SPILLS, SAFETY MAN ON LOCATION LAST 24HRS=10 HRS 0 LOADS OF CUTTINGS HAULED NOTIFIED ULS OF UPCOMING SKID TO THE 48-11 1H, 4/8/2014 NOTIFIED (TRRC) @ 3:55 PM ON 4/9/2014 TALKED TO IVEY



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Partner Report

Report # 21 Date: 4/29/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$36,043	Cum To Date (Cost) \$2,008,225	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	1.00	\$36,043	\$36,043	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	27.63	21	4/29/2014

Last Casing String
PRODUCTION 1, 11,626.0ftKB

Status at 6 AM SI, PREPARE TO ACIDIZE	24 Hour Forecast ACIDIZE, WAIT ON FRAC
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	16:00	9.00	SHUTDOWN	ACTIVE	W/O OIL STATES WHIT TO ARRIVE. MOVED ACID TANKS WHICH WERE SET ON WRONG SIDE OF LOCATION.
16:00	16:00		RIGU	ACTIVE	RU OIL STATES WHIT AND RAIDER PRESSURE PUMPING. TEST LINES TO 9,000 PSI
16:00	18:00	2.00	STIM	ACTIVE	OPEN WELL 0 PSI. PRESSURED TO 6,550 PSI AND HELD SOLID 5 MIN. INCREASED TO 7,500 PSI FOR 3 MIN. INCREASED TO 8,000 PSI RSI TOOL OPENED. INCREASED RATE TO 9 BPM WITH PRESSURE FALLING TO 6,800. INCREASED RATE TO 11 BPM, PRESSURE BEGAN CLIMBING. TRIPPED OUT AT 9 BPM AT 8500 PSI. PREPARED TO RUN ACID. PUMPED 500 GAL 15% ACID AT 4 BPM AT 8000 PSI. ACID BROKE TO 6600 PSI AT 16 BPM. ISIP 3200 PSI. TOTAL FLUID PUMPED 410 BBL.
18:00	19:00	1.00	RIGU	ACTIVE	RU PEAK PRESSURE CONTROL AND ALLIED WIRELINE.
19:00	23:00	4.00	PERF	ACTIVE	RIH W/ (3) 3 3/8 GUNS, 6 SPF, 36 SHOTS TOTAL, 25 GRAM CONNEX CHARGES, 0.53 EHD & PERFORATE STAGE 1 WOLFCAMP @ 11,348'-50', 11,408'-10', 11,468'-70'. LOGGED CCL OOH. ALL SHOTS FIRED. LOGGED CCL OOH. RAIDER PUMPDOWN 334 BBL 744 TOTAL BBL PUMPED
					TOP OF MARKER JT WAS LOCATED AT 6,260' NOT 6,275' , NO CORRECTIONS WERE MADE.
23:00	06:00	7.00	SHUTDOWN	ACTIVE	SDFN



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Partner Report

Report # 22 Date: 4/30/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$13,713	Cum To Date (Cost) \$2,035,288	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	2.00	\$13,713	\$63,106	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	28.63	22	4/30/2014

Last Casing String
PRODUCTION 1, 11,626.0ftKB

Status at 6 AM SI	24 Hour Forecast RU HES FRAC
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:30	0.50	SAFETY	ACTIVE	SAFETY MEETING. TEST LINES TO 8,000 PSI.
07:30	08:00	0.50	STIM	ACTIVE	OWHP 1870 PSI. PUMPED 36 BBL 15% HCL AT 6 BPM @ 4,300 PSI. FLUSHED ACID AT 14 BPM WITH FINAL RATE AND PRESSURE AT 14 BPM @ 4,748 PSI. ISIP 2617 PSI.
08:00	09:00	1.00	RIGD	ACTIVE	RD RAIDER PUMP LINE AND WHIT TOOL. WELL IS SI WAITING ON FRAC.
09:00	06:00	21.00	RIGU	ACTIVE	MIRU HALLIBURTON FRAC AND SUPPORT SERVICES.



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Partner Report

Report # 23 Date: 5/1/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$289,990	Cum To Date (Cost) \$2,325,278	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	2.00	\$0	\$63,106	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11.626.0	6.871.5	29.63	23	5/1/2014

Last Casing String
PRODUCTION 1, 11,626.0ftKB

Status at 6 AM CONTINUE FRAC OPERATIONS	24 Hour Forecast CONTINUE FRAC OPS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	12:30	6.50	RIGU	ACTIVE	RU HES FRAC, OIL STATES WHIT, ALLIED WIRELINE, SELECT WATER TRANSFER. W/O FRAC ON 1H
12:30	13:00	0.50	SAFETY	ACTIVE	SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.
13:00	16:00	3.00	SHUTDOWN	ACTIVE	WAITING ON 1H FRAC
16:00	17:30	1.50	STIM	ACTIVE	STG 1 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 11,348'- 11,532' DESIGN: 238,080 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: 1687 PSI / BREAK DOWN: 3184 PSI AVG PRESS 5450 PSI / AVG RATE 80 BPM MAX PRESS 7274 PSI / MAX RATE 81 BPM ISIP2307 PSI / FG 0.72 PSI/FT USED 1500 GALS 15% HCL ACID USED 4,180 BBLs CLEAN USED 1,810 BBLs PRODUCED TOTAL LOAD: 5,995 BBL USED 53,507 LBS 100 MESH / USED 189,131 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
17:30	20:00	2.50	PERF	ACTIVE	STG 2 RU ALLIED WIRELINE TO PERF STG 2. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 11,318' AND SET. PERF STAGE 2: 11,108'-10', 11,168'-70', 11,228'-30', 11,288'-90' 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. RAIDER PUMPDOWN BBLs---266 BBLs
20:00	22:15	2.25	STIM	ACTIVE	RIG UP TO FRAC STAGE 2.



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Report # 23 Date: 5/1/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
22:15	23:45	1.50	STIM	ACTIVE	STG 2 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 11,108'- 11,290' DESIGN: 238,080 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: 1890 PSI / BREAK DOWN: 4346 PSI AVG PRESS 5244 PSI / AVG RATE 81 BPM MAX PRESS 7627 PSI / MAX RATE 81 BPM ISIP 2584 PSI / FG 0.75 PSI/FT USED 1500 GALS 15% HCL ACID USED 3,271 BBLS CLEAN USED 2,544 BBLS PRODUCED TOTAL LOAD: 5,815 BBL USED 49,129 LBS 100 MESH / USED 184,324 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
23:45	02:00	2.25	PERF	ACTIVE	STG 3 RU ALLIED WIRELINE TO PERF STG 3. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 11,084' AND SET. PERF STAGE 2: 10,868'-70', 10,928'-30', 10,988'-90', 11,048'-50' 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. RAIDER PUMPDOWN BBLS---242 BBLS
02:00	02:30	0.50	STIM	ACTIVE	RIG UP TO FRAC STAGE 3.
02:30	04:00	1.50	STIM	ACTIVE	STG 3 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,868'- 11,050' DESIGN: 238,080 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: 2025 PSI / BREAK DOWN: 4067 PSI AVG PRESS 4994 PSI / AVG RATE 81 BPM MAX PRESS 7363 PSI / MAX RATE 81 BPM ISIP 2723 PSI / FG 0.77 PSI/FT USED 1500 GALS 15% HCL ACID USED 3,466 BBLS CLEAN USED 2,319 BBLS PRODUCED TOTAL LOAD: 5,785 BBL USED 47,858 LBS 100 MESH / USED 187,788 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
04:00	06:00	2.00	PERF	ACTIVE	STG 4 RU ALLIED WIRELINE TO PERF STG 4. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 10,838' AND SET. PERF STAGE 4: 10,628'-30', 10,688'-90', 10,748'-50', 10,808'-10' 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. RAIDER PUMPDOWN BBLS---___ BBLS



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Partner Report

Report # 24 Date: 5/2/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$364,118	Cum To Date (Cost) \$2,689,396	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	2.00	\$0	\$63,106	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	30.63	24	5/2/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM CONTINUE FRAC OPS	24 Hour Forecast CONTINUE FRAC OPS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	SAFETY	ACTIVE	SAFETY MEETING. W/O 1H FRAC
08:00	09:00	1.00	RIGU	ACTIVE	RU TO FRAC STG 4
09:00	10:30	1.50	STIM	ACTIVE	STG 4 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,628'- 10,810' DESIGN: 238,080 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: 1,829 PSI / BREAK DOWN: 4,686 PSI AVG PRESS 5,321 PSI / AVG RATE 80 BPM MAX PRESS 6,226 PSI / MAX RATE 81 BPM ISIP 2,666 PSI / FG 0.76 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,292 BBLs CLEAN USED 2,506 BBLs PRODUCED TOTAL LOAD: 6,100 BBL USED 47,063 LBS 100 MESH / USED 189,792 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED.
10:30	12:30	2.00	PERF	ACTIVE	STG 5 RU ALLIED WIRELINE TO PERF STG 5. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 10,598' AND SET. PERF STAGE 5: 10,388'-90', 10,448'-50', 10,508'-10', 10,568'-70' 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. RAIDER PUMPDOWN BBLs- 226 BBLs
12:30	13:30	1.00	RIGU	ACTIVE	RU TO FRAC STG 5
13:30	15:30	2.00	STIM	ACTIVE	STG 5 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,388'- 10,570' DESIGN: 238,080 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: 1,876 PSI / BREAK DOWN: 4,776 PSI AVG PRESS 5,090 PSI / AVG RATE 81 BPM MAX PRESS 7,351 PSI / MAX RATE 81 BPM ISIP 2,911 PSI / FG 0.79 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,645 BBLs CLEAN USED 1,838 BBLs PRODUCED TOTAL LOAD: 6,290 BBL USED 50,974 LBS 100 MESH / USED 156,038 LBS 40/70 OTTAWA SAND ** NOTE: CUT STAGE SHORT DUE TO PRESSURE DURING 1.75 PPG 40/70 STAGE. FLUSHED WELL WITH 340 BBLs.



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Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
15:30	18:00	2.50	PERF	ACTIVE	STG 6 RU ALLIED WIRELINE TO PERF STG 6. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 10,358' AND SET. PERF STAGE 6: 10,148'-50', 10,208'-10', 10,268'-70', 10,328'-30' 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. RAIDER PUMPDOWN BBLS-- __ BBLS
18:00	20:30	2.50	RIGU	ACTIVE	RU TO FRAC STG 6
20:30	22:00	1.50	STIM	ACTIVE	STG 6 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 10,148'- 10,330' DESIGN: 238,080 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: 2015 PSI / BREAK DOWN: 4071 PSI AVG PRESS 5737 PSI / AVG RATE 80 BPM MAX PRESS 7828 PSI / MAX RATE 81 BPM ISIP 2591 PSI / FG 0.75 PSI/FT USED 1,500 GALS 15% HCL ACID USED 3,168 BBLS CLEAN USED 2,321 BBLS PRODUCED TOTAL LOAD: 5,489 BBL USED 53,135 LBS 100 MESH / USED 156,909 LBS 40/70 OTTAWA SAND ** NOTE: CUT 40/70 SAND SHORT DUE TO PRESSURE, FLUSHED WITH 320 BBLS.
22:00	00:00	2.00	PERF	ACTIVE	STG 7 RU ALLIED WIRELINE TO PERF STG 7. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 10,118' AND SET. PERF STAGE 7: 9,908'- 9,910', 9,968' - 9,970', 10,028' - 10,030', 10,088' - 10,090' 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. RAIDER PUMPDOWN BBLS-- 203 BBLS
00:00	00:30	0.50	RIGU	ACTIVE	RU TO FRAC STG 7
00:30	02:00	1.50	STIM	ACTIVE	STG 7 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,908'- 10,090' DESIGN: 238,080 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: 2012 PSI / BREAK DOWN: 4718 PSI AVG PRESS 4512 PSI / AVG RATE 81 BPM MAX PRESS 6440 PSI / MAX RATE 81 BPM ISIP 2946 PSI / FG 0.79 PSI/FT USED 1,500 GALS 15% HCL ACID USED 2,933 BBLS CLEAN USED 2,774 BBLS PRODUCED TOTAL LOAD: 5,707 BBL USED 51,314 LBS 100 MESH / USED 185,171 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
02:00	04:00	2.00	PERF	ACTIVE	STG 8 RU ALLIED WIRELINE TO PERF STG 8. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,878' AND SET. PERF STAGE : 9,668'- 9,670', 9,728' - 9,730', 9,788' - 9,790', 9,848' - 9,850' 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. RAIDER PUMPDOWN BBLS-- 144 BBLS
04:00	06:00	2.00	RIGU	ACTIVE	RU TO FRAC STG 8



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 25 Date: 5/3/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$358,459	Cum To Date (Cost) \$3,047,855	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	2.00	\$0	\$63,106	\$0	

Daily Operations

Rig					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11.626.0	6.871.5	31.63	25	5/3/2014

Last Casing String
PRODUCTION 1, 11,626.0ftKB

Status at 6 AM CONTINUE FRAC OPS	24 Hour Forecast CONTINUE FRAC OPS
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:45	0.75	SAFETY	ACTIVE	SAFETY MEETING
06:45	08:30	1.75	STIM	ACTIVE	STG 8 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,668'- 9,850' DESIGN: 238,080 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: 1,809 PSI / BREAK DOWN: 4,531 PSI AVG PRESS 6,712 PSI / AVG RATE 78 BPM MAX PRESS 8,090 PSI / MAX RATE 81 BPM ISIP 2,767 PSI / FG 0.77 PSI/FT USED 3,000 GALS 15% HCL ACID USED 213 BBLs CLEAN USED 3,370 BBLs PRODUCED TOTAL LOAD: 4,293 BBL USED 48,977 LBS 100 MESH / USED 5,777 LBS 40/70 OTTAWA SAND ****NOTE: SHUT DOWN AFTER FLUSHING ACID THROUGH PERFS DUE TO BLENDER SUCTION SIDE HOLE SPLIT AND COULD NOT BE SHUT OFF. ABNORMAL HIGH PRESSURE UPON RESUMING. RAN SAND SWEEP THEN NORMAL RAMP THROUGH 100 MESH STAGE. WHEN 40/70 SAND HIT PERFS, HAD IMMEDIATE PRESSURE INCREASE AND FLUSHED THE WELL WITH 324 BBL AT ~8,000 PSI.
08:30	11:00	2.50	PERF	ACTIVE	STG 9 RU ALLIED WIRELINE TO PERF STG 9. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,638' AND SET. PERF STAGE : 9,428'-30', 9,488'-90', 9,548'-50', 9,608'-10' 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. RAIDER PUMPDOWN BBLs- 398 BBLs
11:00	12:15	1.25	RIGU	ACTIVE	RU TO FRAC STG 9

**UNIVERSITY 48-11 2H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 25 Date: 5/3/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
12:15	13:45	1.50	STIM	ACTIVE	STG 9 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,428'- 9,610' DESIGN: 238,080 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: 2,005 PSI / BREAK DOWN: 4,922 PSI AVG PRESS 5,223 PSI / AVG RATE 78 BPM MAX PRESS 6,626 PSI / MAX RATE 81 BPM ISIP 2,727 PSI / FG 0.76 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,118 BBLs CLEAN USED 2,072 BBLs PRODUCED TOTAL LOAD: 5,261 BBL USED 50,639 LBS 100 MESH / USED 96,613 LBS 40/70 OTTAWA SAND **CUT STAGE SHORT DUE TO HIGH TREATING PRESSURE DURING 1.6 PPG 40/70 MESH SAND, FLUSH COMPLETE WITH 318 BBLs**
13:45	15:45	2.00	PERF	ACTIVE	STG 10 RU ALLIED WIRELINE TO PERF STG 10. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,398' AND SET. PERF STAGE 10: 9,188'-90', 9,248'-50', 9,308'-10', 9,368'-70' 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. RAIDER PUMPDOWN BBLs- ____ BBLs
15:45	18:15	2.50	RIGU	ACTIVE	RU TO FRAC STG 10
18:15	19:45	1.50	STIM	ACTIVE	STG 10 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS 9,188'- 9,370' DESIGN: 238,080 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: 2025 PSI / BREAK DOWN: 4682 PSI AVG PRESS 5064 PSI / AVG RATE 80 BPM MAX PRESS 7000 PSI / MAX RATE 81 BPM ISIP 2872 PSI / FG 0.79 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,344 BBLs CLEAN USED 2,555 BBLs PRODUCED TOTAL LOAD: 5,899 BBL USED 51,877 LBS 100 MESH / USED 191,994 LBS 40/70 OTTAWA SAND ** NOTE: HELD THE MAX CONCENTRATION DURING 40/70 TO 1.65 PPG AND EXTENDED THE RAMP 120 BBLs AND COMPLETED THE STAGE.
19:45	21:45	2.00	PERF	ACTIVE	STG 11 RU ALLIED WIRELINE TO PERF STG 11. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 9,158' AND SET. PERF STAGE 11: 8,948'-50', 9,008'-10', 9,068'-70', 9,128'-30' 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. RAIDER PUMPDOWN BBLs- 111 BBLs
21:45	23:15	1.50	RIGU	ACTIVE	RU TO FRAC STG 11

**UNIVERSITY 48-11 2H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 25 Date: 5/3/2014 06:00**

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
23:15	00:45	1.50	STIM	ACTIVE	STG 11 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 8,948'- 9,130' DESIGN: 238,080 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: 1970 PSI / BREAK DOWN: 4669 PSI AVG PRESS 4812 PSI / AVG RATE 80 BPM MAX PRESS 7768 PSI / MAX RATE 80 BPM ISIP 2536 PSI / FG 0.74 PSI/FT USED 3,000 GALS 15% HCL ACID USED 2,535 BBLs CLEAN USED 3,057 BBLs PRODUCED TOTAL LOAD: 5,592 BBL USED 48,861 LBS 100 MESH / USED 173,090 LBS 40/70 OTTAWA SAND **NOTE: HELD 40/70 CONCENTRATION @ 1.65 PPG AND CUT SHORT DUE TO PRESSURE. FLUSHED WITH 312 BBLs.
00:45	02:45	2.00	PERF	ACTIVE	STG 12 RU ALLIED WIRELINE TO PERF STG 12. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,918' AND SET. PERF STAGE 12: 8,708'-10', 8,768'-70', 8,828'-30', 8,888'-90' 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. RAIDER PUMPDOWN BBLs- 100 BBLs
02:45	06:00	3.25	RIGU	ACTIVE	RU TO FRAC STG 12. RIGGED UP NEW CHEMICAL FLOAT.



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 26 Date: 5/4/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$369,057	Cum To Date (Cost) \$3,416,912	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	2.00	\$0	\$63,106	\$0	

Daily Operations

Rig

Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 11,626.0	End Depth (TVD) (ftKB) 6,871.5	DFS (days) 32.63	Report Number 26	Report End Date 5/4/2014
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Last Casing String
PRODUCTION 1, 11,626.0ftKBStatus at 6 AM
CONTINUE FRAC OPS24 Hour Forecast
CONTINUE FRAC OPS

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:15	0.25	SAFETY	ACTIVE	SAFETY MEETING
06:15	07:45	1.50	STIM	ACTIVE	STG 12 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 8,708'- 8,890' DESIGN: 238,080 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: 1,840 PSI / BREAK DOWN: 4,284 PSI AVG PRESS 5,284 PSI / AVG RATE 80 BPM MAX PRESS 7,748 PSI / MAX RATE 80 BPM ISIP 2,745 PSI / FG 0.77 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,480 BBLs CLEAN USED 3,154 BBLs PRODUCED TOTAL LOAD: 6,706 BBL USED 51,695 LBS 100 MESH / USED 189,685 LBS 40/70 OTTAWA SAND **NOTE: PRESSURE INCREASE AT 1.0 PPG IN 100 MESH STAGE. CUT SAND AND CLEANED UP. RAN .50 PPG SAND TO BOTTOM THEN WALKED BACK TO 1.0 PPG AND RESUMED NORMAL RAMP. BLENDER TENDER REPORTED DIRTY BROWN WATER IN TUB. LEFT FR-66 AT 2.0 AND INCREASED TO 2.25 ON FINAL 40/70 RAMP. ALL SAND RAN AND FLUSHED NORMALLY.
07:45	09:45	2.00	PERF	ACTIVE	STG 13 RU ALLIED WIRELINE TO PERF STG 13. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,678' AND SET. PERF STAGE 13: 8,468'-70', 8,528'-30', 8,588'-90', 8,648'-50' 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. RAIDER PUMPDOWN BBLs- 104 BBLs
09:45	14:15	4.50	SHUTDOWN	ACTIVE	STANDBY TO FLOWBACK SCREEN OUT ON 1H



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 26 Date: 5/4/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
14:15	15:45	1.50	STIM	ACTIVE	STG 13 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 8,468'- 8,650' DESIGN: 238,080 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: 1,826 PSI / BREAK DOWN: 4,040 PSI AVG PRESS 4,671 PSI / AVG RATE 80 BPM MAX PRESS 6,054 PSI / MAX RATE 81 BPM ISIP 2,807 PSI / FG 0.77 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,322 BBLS CLEAN USED 2,579 BBLS PRODUCED TOTAL LOAD: 5,972 BBL USED 53,878 LBS 100 MESH / USED 190,007 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED
15:45	17:45	2.00	PERF	ACTIVE	STG 14 RU ALLIED WIRELINE TO PERF STG 14. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,438' AND SET. PERF STAGE 14: 8,228'-30', 8,288'-90', 8,348'-50', 8,408'-10' 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. RAIDER PUMPDOWN BBLS- 105 BBLS
17:45	20:30	2.75	RIGU	ACTIVE	RU TO FRAC STG 14
20:30	22:00	1.50	STIM	ACTIVE	STG 14 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 8,288'- 8,410' DESIGN: 238,080 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: 2062 PSI / BREAK DOWN: 4713 PSI AVG PRESS 4195 PSI / AVG RATE 81 BPM MAX PRESS 6448 PSI / MAX RATE 81 BPM ISIP 2817 PSI / FG 0.78 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,952 BBLS CLEAN USED 1,818 BBLS PRODUCED TOTAL LOAD: 5,770 BBL USED 48,816 LBS 100 MESH / USED 189,130 LBS 40/70 OTTAWA SAND. PUMPED AS DESIGNED.
22:00	00:00	2.00	PERF	ACTIVE	STG 15 RU ALLIED WIRELINE TO PERF STG 15. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 8,198' AND SET. PERF STAGE 15: 7,988'-90', 8,048'-50', 8,108'-10', 8,168'-70' 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. RAIDER PUMPDOWN BBLS- 64 BBLS
00:00	02:00	2.00	RIGU	ACTIVE	RU TO FRAC STG 15

**UNIVERSITY 48-11 2H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 26 Date: 5/4/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
02:00	03:30	1.50	STIM	ACTIVE	STG 15 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 7,988'- 8,170' DESIGN: 238,080 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: 1970 PSI / BREAK DOWN: 5207 PSI AVG PRESS 4508 PSI / AVG RATE 80 BPM MAX PRESS 7738 PSI / MAX RATE 81 BPM ISIP 2698 PSI / FG 0.76 PSI/FT USED 3,000 GALS 15% HCL ACID USED 4,171 BBLS CLEAN USED 1,865 BBLS PRODUCED TOTAL LOAD: 6,036 BBL USED 40,540 LBS 100 MESH / USED 196,144 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.
03:30	05:15	1.75	PERF	ACTIVE	STG 16 RU ALLIED WIRELINE TO PERF STG 16. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 7,958' AND SET. PERF STAGE 16: 7,748'-50', 7,808'-10', 7,868'-70', 7,928'-30' 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. RAIDER PUMPDOWN BBLS- 64 BBLS
05:15	06:00	0.75	RIGU	ACTIVE	RU TO FRAC STG 16



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 27 Date: 5/5/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$356,775	Cum To Date (Cost) \$3,793,447	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	7.00	\$356,775	\$1,821,265	\$0	

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,626.0	End Depth (TVD) (ftKB)	6,871.5	DFS (days)	33.63	Report Number	27	Report End Date	5/5/2014
Last Casing String											
PRODUCTION 1, 11,626.0ftKB											
Status at 6 AM						24 Hour Forecast					
SET KILL PLUG.						WAITING ON RIG.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:30	0.50	SAFETY	ACTIVE	SAFETY MEETING
06:30	08:30	2.00	RIGU	ACTIVE	W/O 1H FRAC AND RU TO FRAC STG 16
08:30	10:00	1.50	STIM	ACTIVE	STG 16 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 7,748'- 7,930' DESIGN: 238,080 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: 1,923 PSI / BREAK DOWN: 4,222 PSI AVG PRESS 4,740 PSI / AVG RATE 80 BPM MAX PRESS 6,463 PSI / MAX RATE 80 BPM ISIP 2,725 PSI / FG 0.77 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,649 BBLs CLEAN USED 1,981 BBLs PRODUCED TOTAL LOAD: 5,702 BBL USED 53,218 LBS 100 MESH / USED 181,232 LBS 40/70 OTTAWA SAND **CUT 20/40 SAND STAGE AT 2.0 MAX CONCENTRATION DUE TO INCREASING PRESSURE. FLUSHED WITH 284 BBL.
10:00	12:00	2.00	PERF	ACTIVE	STG 17 RU ALLIED WIRELINE TO PERF STG 17. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 7,727' AND SET. PERF STAGE 17: 7,508'-10', 7,568'-70', 7,628'-30', 7,688'-90' 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. RAIDER PUMPDOWN BBLs- 64 BBLs
12:00	13:30	1.50	RIGU	ACTIVE	RU TO FRAC STG 17



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 27 Date: 5/5/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
13:30	15:30	2.00	STIM	ACTIVE	STG 17 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 7,508', 7,690' DESIGN: 238,080 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: 1,899 PSI / BREAK DOWN: 4,043 PSI AVG PRESS 4,475 PSI / AVG RATE 80 BPM MAX PRESS 6,291 PSI / MAX RATE 80 BPM ISIP 2,676 PSI / FG 0.76 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,356 BBLS CLEAN USED 2,448 BBLS PRODUCED TOTAL LOAD: 5,876 BBL USED 50,037 LBS 100 MESH / USED 189,191 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED. **NOTE: HELD SAND RAMP AT 1.8 PPG DUE TO PRESSURE INCREASING. ALL SAND PUMPED AND WELL FLUSHED WITH 278 BBLS.
15:30	17:30	2.00	PERF	ACTIVE	STG 18 RU ALLIED WIRELINE TO PERF STG 18. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 7,478' AND SET. PERF STAGE 18: 7,268'-70', 7,328'-30', 7,388'-90', 7,448'-50' 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. RAIDER PUMPDOWN BBLS- 50 BBLS
17:30	20:00	2.50	RIGU	ACTIVE	RU TO FRAC STG 18
20:00	21:30	1.50	STIM	ACTIVE	STG 18 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 7,268'- 7,450' DESIGN: 238,080 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: 1940 PSI / BREAK DOWN: 4548 PSI AVG PRESS 4601 PSI / AVG RATE 80 BPM MAX PRESS 6776 PSI / MAX RATE 81 BPM ISIP 2747 PSI / FG 0.77 PSI/FT USED 3,000 GALS 15% HCL ACID USED 3,328 BBLS CLEAN USED 1,518 BBLS PRODUCED TOTAL LOAD: 4,846 BBL USED 49,165 LBS 100 MESH / USED 117,747 LBS 40/70 OTTAWA SAND **NOTE: CUT 40/70 STAGE SHORT DUE TO PRESSURE INCREASES. FLUSHED WITH 275 BBLS.
21:30	23:30	2.00	PERF	ACTIVE	STG 19 RU ALLIED WIRELINE TO PERF STG 19. PUMPED DOWN 4 EACH 3 3/8" GUNS AND HALLIBURTON DROP BALL CFP TO 7,238' AND SET. PERF STAGE 19: 7,028'-30', 7,088'-90', 7,148'-50', 7,208'-10' 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. RAIDER PUMPDOWN BBLS- 25 BBLS
23:30	02:30	3.00	SHUTDOWN	ACTIVE	PROBLEMS WITH WIRELESS COMMUNICATION WITH FRAC PUMPS. E-TECH SORTING OUT ISSUE.
02:30	04:30	2.00	RIGU	ACTIVE	RU TO FRAC STG 19

**UNIVERSITY 48-11 2H**

Wellbore Name: OH

WEST UNRESTRICTED**CONFIDENTIAL****Partner Report****Report # 27 Date: 5/5/2014 06:00**

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
04:30	06:00	1.50	STIM	ACTIVE	STG 19 RU HES, SELECT WT, OIL STATES WHIT TO FRAC HORIZONTAL PERFORATIONS: 7,028'- 7,210' DESIGN: 238,080 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: 1950 PSI / BREAK DOWN: 5004 PSI AVG PRESS 4053 PSI / AVG RATE 80 BPM MAX PRESS 6653 PSI / MAX RATE 80 BPM ISIP 2801 PSI / FG 0.77 PSI/FT USED 3,000 GALS 15% HCL ACID USED 5,676 BBLs CLEAN USED 0 BBLs PRODUCED TOTAL LOAD: 5748 BBL USED 57,192 LBS 100 MESH / USED 173,900 LBS 40/70 OTTAWA SAND PUMPED AS DESIGNED.



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 28 Date: 5/6/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$11,348	Cum To Date (Cost) \$3,804,795	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	8.00	\$11,348	\$1,832,613	\$0	

Daily Operations

Rig											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,626.0	End Depth (TVD) (ftKB)	6,871.5	DFS (days)	34.63	Report Number	28	Report End Date	5/6/2014
Last Casing String											
PRODUCTION 1, 11,626.0ftKB											
Status at 6 AM						24 Hour Forecast					
SI						WAITING ON RIG					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	WIRELINE	ACTIVE	RIGGED UP ALLIED WIRELINE. RIH AND SET HALLIBURTON OBSIDIAN CBP @ 6,000'. BLED DOWN PRESSURE TO TEST PLUG. RD WIRELINE.
07:00	06:00	23.00	RIGD	ACTIVE	RDMO FRAC AND SUPPORT SERVICES. TOTAL LOAD- 109,990 BBLs



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 29 Date: 5/10/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$61,886	Cum To Date (Cost) \$3,866,681	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	2.67	\$61,886	\$124,992	\$0	

Daily Operations

Rig											
ENERGY SERVICE, 233											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,626.0	End Depth (TVD) (ftKB)	6,871.5	DFS (days)	38.63	Report Number	29	Report End Date	5/10/2014
Last Casing String											
PRODUCTION 1, 11,626.0ftKB											
Status at 6 AM						24 Hour Forecast					
WSI						START D.O. OPS AFTER WEEKEND.					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
14:00	14:30	0.50	MOB	ACTIVE	MOVE UNIT 233 FROM UNIV 48-11-1 TO UNIV 48-11-2
14:30	16:00	1.50	RIGU	ACTIVE	RU UNIT 233 TO WELL # 2-H, RESET CATWALK AND PIPERACKS FOR NEW WELL. MOVE 13,000 + TUBING TO PIPE RACKS.
16:00	16:30	0.50	BOPS	ACTIVE	NU VISION BOP TO WELL HEAD
16:30	20:00	3.50	TRIP	ACTIVE	TIH WITH 2 7/8 PH-6 WORK STRING AND 4 3/4 JZ BIT AND BHA TO DEPTH OF 6,000'. TAG KILL PLUG AND PU OFF PLUG 2 JTS AND SECURED WELL AND SDFW. RAN 192 JTS TO KILL PLUG, LAYED DOWN 2 JOINTS. HAVE 190 JTS IN THE HOLE.
20:00	06:00	10.00	SHUTDOWN	ACTIVE	SHUT DOWN FOR MOTHER DAY



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 30 Date: 5/13/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$91,329	Cum To Date (Cost) \$3,978,010	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	9.67	\$91,329	\$2,005,828	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	41.63	30	5/13/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM LD TBG.	24 Hour Forecast RUN TBG AND GLVS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	CREW TRAVEL TO LOCATION
07:00	07:30	0.50	SAFETY	ACTIVE	DISCUSSED JSA ON RUNNING GLV
07:30	08:00	0.50	BOPS	ACTIVE	LOAD TUBING WITH 42 BBLs 2% KCL AND BIO WATER. TEST BOP'S THRU TO 2ND TEST MANIFOLD TO 3000 PSI. TEST GOOD.
08:00	08:30	0.50	DRLG	ACTIVE	START DRILLING KILL PLUG AT 6,000', TOP: 30 MIN, WHP 300 PSI, 3.0 BPM IN, 6.5 BPM OUT.
08:30	13:00	4.50	DRLG	ACTIVE	D/O CFPs AS FOLLOWS: CPF JT# DEPTH WHP MIN #1 232 7,238 220 15 #2 239 7,478 225 15 #3 247 7,727 290 15 #4 255 7,958 290 25
13:00	14:00	1.00	CIRC	ACTIVE	CIRCULATE HOLE 170 BBLs
14:00	18:00	4.00	DRLG	ACTIVE	#5 264 8,198 290 10 #6 269 8,438 290 10 #7 281 8,747 240 30 #8 286 8,918 300 10 #9 296 9,158 240 25 #10 301 9,396 310 10
18:00	18:15	0.25	DRLG	ACTIVE	WASH AND DRILL DOWN TO CFP 11. TAGGED PLUG WITH JT 309 (9,638').
18:15	19:00	0.75	CIRC	ACTIVE	PUMP 10 BBL GEL SWEEP AND CIRCULATE WELL BORE CLEAN
19:00	19:30	0.50	DRLG	ACTIVE	DRILL CFP 11 IN 25 MIN. PUMPING 2.75 BPM AT 1,400 PSI. 260 PSI ON CSG TAKING RETURNS OF 6 BPM.
19:30	20:00	0.50	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 12. TAGGED CFP 12 WITH JT 316 (9,828'). DRILLED PLUG IN 15 MIN. PUMPING 2.75 BPM AT 1,425 PSI. 280 PSI ON CSG TAKING RETURNS OF 5 BPM.
20:00	20:30	0.50	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 13. PLUG 13 WAS NOT IN PLACE. TAGGED CFP 13 AND 14 WITH WITH JT 331 (10,528'). DRILLED PLUG IN 20 MIN. PUMPING 2.75 BPM AT 1,425 PSI. 320 PSI ON CSG TAKING RETURNS OF 5.75 BPM.
20:30	22:15	1.75	CIRC	ACTIVE	PUMP 10 BBL GEL SWEEP AND CIRCULATE WELL BORE CLEAN
22:15	22:45	0.50	DRLG	ACTIVE	WASH AND DRILL DOWN TO PLUG 15. TAGGED UP CFP 15 WITH 339 (10,598'). DRILLED PLUG IN 17 MIN. PUMPING 2.75 BPM AT 1,425 PSI. 320 PSI ON CSG TAKING RETURNS OF 5.75 BPM.
22:45	23:30	0.75	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 16. TAGGED CFP 16 WITH JT 348 (10,840'). DRILLED PLUG IN 40 MIN. PUMPING 2.75 BPM AT 1,425 PSI. 360 PSI ON CSG TAKING RETURNS OF 6 BPM.
23:30	01:45	2.25	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 17. PLUG 17 WAS NOT IN PLACE. TAGGED CFP 17 WITH JT 362 (11,265'). DRILLED PLUG IN 45 MIN. PUMPING 2.75 BPM AT 1,425 PSI. 360 PSI ON CSG TAKING RETURNS OF 6 BPM.
01:45	02:45	1.00	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING DOWN TO CFP 18. TAGGED CFP 18 WITH JT 363 (11,315'). DRILLED PLUG IN 20 MIN. PUMPING 2.75 BPM AT 1,425 PSI. 340 PSI ON CSG TAKING RETURNS OF 5.5 BPM.
02:45	03:30	0.75	DRLG	ACTIVE	CONTINUE WASHING AND DRILLING TO PBTD. TAGGED PBTD WITH JT 370 (11,520').
03:30	05:30	2.00	CIRC	ACTIVE	PUMP 20 BBL GEL SWEEP AND CIRCULATE WELLBORE CLEAN.



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 30 Date: 5/13/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Time Log						
Start Time	End Time	Dur (hr)	Operation	Ops Status	Description	
05:30	06:00	0.50	RIGD	ACTIVE	RD VISION OIL TOOLS POWER SWIVEL. TOTAL BBLS PUMPED 2017 TOTAL BROUGHT BACK 6,720 NET GAIN 4,703. 221 BBLS OF OIL ON LOCATION.	



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 31 Date: 5/14/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$125,580	Cum To Date (Cost) \$4,103,590	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	10.67	\$125,580	\$2,131,408	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	42.63	31	5/14/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM WELL ON TEST	24 Hour Forecast COMPLETE WELL AND TURN WELL TO SELECT TESTERS.
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	07:00	1.00	TRAVEL	ACTIVE	TRAVEL TO LOCATION
07:00	07:30	0.50	SAFETY	ACTIVE	DISCUSSED LAY DOWN PROCEEDURES
07:30	11:30	4.00	TRIP	ACTIVE	TRIP OUT OF HOLE WITH WORKSTRING LAYING DOWN ON PIPE RACK LEAVING 100 JTS TO SNUB OUT AND LAY DOWN ON PIPE RACK
11:30	12:30	1.00	RIGU	ACTIVE	RU ESC UNIT 233 FLOOR TO ACCOMODATE BADGER SNUBBING UNIT.
12:30	14:30	2.00	SHUTDOWN	ACTIVE	WAIT ON BADGER TO ARRIVE LOCATION.
14:30	16:00	1.50	RIGU	ACTIVE	RU BADGER SNUBBING TO SNUB OUT LAST 100 JTS WORKSTRING
16:00	18:00	2.00	TRIP	ACTIVE	TRIP OUT HOLE THE REMAINDER OF WORKSTRING (100 JTS) AND BHA AND LAY DOWN ON PIPE RACK.
18:00	18:15	0.25	SAFETY	ACTIVE	HELD PRE JOB SAFETY MEETING WITH CREW.
18:15	19:00	0.75	RIGU	ACTIVE	LOAD RACKS WITH 227 JTS OF NEW 2-7/8" 6.5# J-55 PROD TBG. STRAP TBG.
19:00	00:30	5.50	RUNCOM	ACTIVE	BADGER PRESSURE CONTROL SUNBB IN HOLE WITH 217 JTS (6,918'.) OF NEW 2-7/8" J-55 6.5# PROD TBG, 9 LUFKIN GLVS, 3 CD, X-NIPPLE, F-NIPPLE. EOT-6,918' F-NIPPLE-6,885 X-NIPPLE-6,758
00:30	01:00	0.50	RIGD	ACTIVE	RDMO BADGER SU.
01:00	02:15	1.25	WLHEAD	ACTIVE	NU NEW FMC 2-9/16" 5K TBG TREE.
02:15	03:00	0.75	RIGU	ACTIVE	RU ESCO PUMP TRUCK AND PUMP OUT 3 CERAMIC DISC SUBS WITH 50 BBLS OF 2% KCL AND BIO WATER. DISC 1 BURST WITH 1,400 PSI, CD BURST WITH 1,700 PSI, CD 3 BURST WITH 2,200 PSI.
03:00	04:00	1.00	RIGD	ACTIVE	RDMO ESCO WSU 233.
04:00	06:00	2.00	FLWTST	ACTIVE	LEAVE WELL WITH FB CREW FOR FLOWBACK OPERATIONS.



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 32 Date: 5/17/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$9,141	Cum To Date (Cost) \$4,112,731	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	11.48	\$9,141	\$2,140,549	\$0	

Daily Operations

Rig ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft) 0.00	End Depth (ftKB) 11,626.0	End Depth (TVD) (ftKB) 6,871.5	DFS (days) 45.63	Report Number 32	Report End Date 5/17/2014
Last Casing String PRODUCTION 1, 11,626.0ftKB					
Status at 6 AM WSI			24 Hour Forecast FLOWTEST		

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	08:00	2.00	RIGU	ACTIVE	STILL RU WELL, LAYING GAS LINES
08:00	06:00	22.00	FLWTST	ACTIVE	CK: W/O TUB PSI: 300 CSG PSI: 750 WATER: 2,144 OIL: 432 GAS: .306 CH: 67,555 WELL OPENED AT 1030 AM



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

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Partner Report

Report # 34 Date: 5/18/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,130,113	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	12.81	\$8,691	\$2,157,931	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	46.63	34	5/18/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 90 PSI CSG: 750 PSI WATER: 942 BBLS OIL: 240 BBLS GAS: 0.0 MCF CHLORIDES: 71,111



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 35 Date: 5/19/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,138,804	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	13.81	\$8,691	\$2,166,622	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	47.63	35	5/19/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 230 PSI CSG: 1050 PSI WATER: 1276 BBLS OIL: 471 BBLS GAS: 280 MCF CHLORIDES: 71,111



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 37 Date: 5/21/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,156,186	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	15.81	\$8,691	\$2,184,004	\$0	

Daily Operations

Rig											
ENERGY SERVICE, 233											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,626.0	End Depth (TVD) (ftKB)	6,871.5	DFS (days)	49.63	Report Number	37	Report End Date	5/21/2014
Last Casing String											
PRODUCTION 1, 11,626.0ftKB											
Status at 6 AM						24 Hour Forecast					
FLOWTEST						FLOWTEST					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 180 PSI CSG: 975 PSI WATER: 1066 BBLS OIL: 290 BBLS GAS: .327 MCF CHLORIDES: 67,555



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 38 Date: 5/22/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,164,877	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	16.81	\$8,691	\$2,192,695	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	50.63	38	5/22/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 160 PSI CSG: 975 PSI WATER: 946 BBLS OIL: 312 BBLS GAS: .302 MCF CHLORIDES: 67,311



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 39 Date: 5/23/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,173,568	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	17.81	\$8,691	\$2,201,386	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	51.63	39	5/23/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 220 PSI CSG: 1000 PSI WATER: 1038 BBLS OIL: 350 BBLS GAS: .489 MCF CHLORIDES: 67,311



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 40 Date: 5/24/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,182,259	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	18.81	\$8,691	\$2,210,077	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	52.63	40	5/24/2014

Last Casing String
PRODUCTION 1, 11,626.0ftKB

Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 220 PSI CSG: 1000 PSI WATER: 1067 BBLS OIL: 363 BBLS GAS: .546 MCF CHLORIDES: 67,311



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 41 Date: 5/25/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,190,950	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	19.81	\$8,691	\$2,218,768	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	53.63	41	5/25/2014

Last Casing String
PRODUCTION 1, 11,626.0ftKB

Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 210 PSI CSG: 1000 PSI WATER: 1108 BBLS OIL: 340 BBLS GAS: .431 MCF CHLORIDES: 67,311



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 42 Date: 5/26/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,199,641	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	20.81	\$8,691	\$2,227,459	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	54.63	42	5/26/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 210 PSI CSG: 1000 PSI WATER: 1076 BBLS OIL: 352 BBLS GAS: .684 MCF CHLORIDES: 67,311



UNIVERSITY 48-11 2H

Wellbore Name: OH

WEST UNRESTRICTED

CONFIDENTIAL

Partner Report

Report # 43 Date: 5/27/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,208,332	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	21.81	\$8,691	\$2,236,150	\$0	

Daily Operations

Rig						
ENERGY SERVICE, 233						
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date	
0.00	11,626.0	6,871.5	55.63	43	5/27/2014	

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 210 PSI CSG: 1000 PSI WATER: 1024 BBLS OIL: 332 BBLS GAS: .678 MCF CHLORIDES: 68,740



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
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Partner Report

Report # 44 Date: 5/28/2014 06:00

District	County	Field Name	Project Group	State/Province			
PERMIAN BASIN	REAGAN	LIN (WOLFCAMP)	PB TEXAS EAST	TX			
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Ground Elev...	KB - GL (ft)	Orig KB Elev (ft)	Tubing Head Elevation (ft)
SEC 11, BLK 48, UL	4238338645	31° 6' 12.265" N	101° 18' 59.351" W	2,684.00	25.00	2,709.00	

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,217,023	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
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Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	22.81	\$8,691	\$2,244,841	\$0	

Daily Operations

Rig					
ENERGY SERVICE, 233					
Drilled Last 24 Hours (ft)	End Depth (ftKB)	End Depth (TVD) (ftKB)	DFS (days)	Report Number	Report End Date
0.00	11,626.0	6,871.5	56.63	44	5/28/2014

Last Casing String PRODUCTION 1, 11,626.0ftKB
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Status at 6 AM FLOWTEST	24 Hour Forecast FLOWTEST
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Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	CK: W/O TBG: 70 PSI CSG: 900 PSI WATER: 627 BBLS OIL: 145 BBLS GAS: .0.0 MCF CHLORIDES: 68,740 NOTE: COMPRESSOR DOWN



UNIVERSITY 48-11 2H
Wellbore Name: OH

WEST UNRESTRICTED
CONFIDENTIAL

Partner Report

Report # 45 Date: 5/29/2014 06:00

District PERMIAN BASIN	County REAGAN	Field Name LIN (WOLFCAMP)	Project Group PB TEXAS EAST	State/Province TX			
Surface Legal Location SEC 11, BLK 48, UL	API/UWI 4238338645	Latitude (°) 31° 6' 12.265" N	Longitude (°) 101° 18' 59.351" W	Ground Elev... 2,684.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 2,709.00	Tubing Head Elevation (ft)

Jobs

Job Category DRILLING/COMPLETIONS	Authorized Depth (ftKB) 11,641.0	Authorized Depth TVD (ftKB)	API/UWI 4238338645
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Costs

WBS Number XX-101057.01.SLC;XX-101057.01.DRL;XX-101057.01.CMP;XX-101057.01.EQP;XX-101057.01.TIE	Planned Days (days) 14.70	Daily Cost (Cost) \$8,691	Cum To Date (Cost) \$4,225,714	Total WBS+Sup (Cost) \$4,339,797	Job % Complete (%)
Job Phase	Cum Duration (days)	Field Est this Report (Cost)	Cum Phase Costs (Cost)	Planned Cost (Cost)	Cost Variance (Cost)
DRILLING	17.92	\$0	\$1,972,182	\$1,234,000	(\$738,182)
COMPLETION	23.81	\$8,691	\$2,253,532	\$0	

Daily Operations

Rig											
ENERGY SERVICE, 233											
Drilled Last 24 Hours (ft)	0.00	End Depth (ftKB)	11,626.0	End Depth (TVD) (ftKB)	6,871.5	DFS (days)	57.63	Report Number	45	Report End Date	5/29/2014
Last Casing String											
PRODUCTION 1, 11,626.0ftKB											
Status at 6 AM						24 Hour Forecast					
FLOWTEST						FLOWTEST					

Time Log

Start Time	End Time	Dur (hr)	Operation	Ops Status	Description
06:00	06:00	24.00	FLWTST	ACTIVE	TBG 250 CSG 1000 H2O 857 OIL 266 MCF 547 CHL 68740