



Midland Partner Report

Well Name: Fcu 7234

State: Texas
County: Andrews
Location: ~15.6 miles NW of Andrews
Rig Contr.: Basic 40

API#: 4200345964
AFE#: 1404972

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
63,209.00	108,209.00

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/18/2014 06:00 - 12/19/2014 06:00

Operation Summary # 1

FINISH RIG MOVE AND RU. SPUD IN AT 05:30. DRILL TO 76'.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	11:30	5.50	5.50	HOLD SAFETY MEETING AND GO OVER PROCESS WITH SAFETY PERSONEL, RIG CREW, AND TRUCKING CREW. FINISH RD OF BACKYARD AND MOVE OUT GENERATOR, WATER TANKS, MUD PUMPS, PIPE, AND PIPE RACKS,
11:30	14:30	3.00	8.50	RD DRAW WORKS AND ENGINES FROM FLOOR, LAY DERRICK OVER, AND MOVE DERRICK FROM FCU 5536 TO FCU 7234.
14:30	17:30	3.00	11.50	BASIC TRUCKS ARRIVED ON LOCATION AT 12:30, MOVE IN AND RIGGED UP BASIC RIG 40, PIN DERRICK ON FLOOR AT 14:30, RAISED DERRICK AT 15:30, RELEASED TRUCKS AT 16:30
17:30	23:30	6.00	17.50	RU BACKYARD AND FILL RIG TANKS. WELD ON CONDUCTOR, INSTALL FLOW LINE, INSTALL PVC PIPE TO RESERVE PIT.
23:30	02:00	2.50	20.00	START FILLING UP FRAC TANKS.
02:00	05:30	3.50	23.50	STRAP BHA AND MIX SPUD MUD.
05:30	06:00	0.50	24.00	DRILL TO 76'.



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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
31,837.23	196,272.32

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/21/2014 06:00 - 12/22/2014 06:00

Operation Summary # 1

TEST ALL BOPE TO 250 LOW AND 1500 HIGH FOR 5 MINTES EACH TEST, TEST BOP, VALVES, CHOKES, MANIFOLD VALVES, INSPECT ALL BLIND AND ADAPTER FLANGES FOR LEAKS, INSPECT ACCUMULATOR FOR PRECHARGE PRESSURES AND OIL LEVELS. LINE UP FOR HARD SHUT IN, TALLEY DIRECTIONAL BHA, PU SAME, TIH TO 677', SLIP AND CUT DRILL LINE, TEST CASING FOR 30 MINUTES PER TRRC. FLUSH CHOKE & KILL LINE. TIH TO 1658', TAG CEMENT, INSTALL ROT. HEAD, DRILL OUT FLOAT EQUIP. & CEMENT, DRILL & SLIDE FROM 1696' TO 2392'.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	06:30	0.50	0.50	TEST BOPE , MANIFOLD, CHOKES, LINES, VALVES TO 1500 PSI HIGH AND 250 PSI LOW FOR 5 MINUTES. CHOKE LINED UP FOR HARD SHUT IN.
06:30	10:30	4.00	4.50	TALLEY DIRECTIONAL BHA & TEST TOOLS & MWD, PU STEERABLE BHA, BIT, MOTOR, UBHO, 2 NON-MAG DC'S,
10:30	12:00	1.50	6.00	TIH TO 677'. DIRECTIONAL BHA, 18 RIG COLLARS, & 1 JT. DP.
12:00	15:30	3.50	9.50	SLIP & CUT DRILL LINE, MECHANICS WORKED ON BOTH GENERATORS & #1 PUMP MOTOR. WHILE CREW SLIPPED AN CUT DRILL LINE.
15:30	16:00	0.50	10.00	TEST CASING TO 1000 PSI FOR 30 MINUTES PER TEXAS RRC.
16:00	17:00	1.00	11.00	FINISH TIH & TAG CEMENT AT 1648'. INSTALL ROT. HEAD RUBBER.
17:00	18:30	1.50	12.50	DRILL CEMENT & FLOAT EQUIPMENT FROM 1648' TO 1696'.
18:30	19:30	1.00	13.50	DRILL ROTATE FROM 1696' TO 1748'. WOB 6, ROT 60, GPM 408, SPP 1144
19:30	20:30	1.00	14.50	DRILL SLIDE FROM 1748' TO 1765'. WOB 10, SPM 100, SPP 854, GPM 408
20:30	21:00	0.50	15.00	DRILL ROTATE FROM 1765' TO 1796'. WOB 6, RPM 55, GPM 385, SPP 1067.
21:00	21:30	0.50	15.50	DRILL SLIDE FROM 1796' TO 1815', SPM 100, SPP 1397, WOB 10, GPM 403
21:30	01:00	3.50	19.00	DRILL ROTATE FROM 1815' TO 2079', WOB 13, ROT 100, SPM 140, GPM 489 SPP 1370
01:00	01:30	0.50	19.50	DRILL SLIDE FROM 2079' TO 2090', WOB 11, ROT 70, GPM 411, SPM 115
01:30	02:00	0.50	20.00	DRILL ROTATE FROM 2090' TO 2173', WOB 13, ROT., 70, SPM 115, SPP 1042
02:00	02:30	0.50	20.50	DRILL SLIDE FROM 2173' TO 2178' WOB 5, GPM 515, SPP 1231
02:30	04:00	1.50	22.00	DRILL ROTATE FROM 2178' TO 2266', WOB 13, GPM, 515, SPP 1615
04:00	04:30	0.50	22.50	DRILL SLIDE FROM 2266' TO 2275', WOB 5, ROT 70, SPM 495, SPP 1615
04:30	06:00	1.50	24.00	DRILL SLIDE FROM 2275' TO 2392', WOB 15, GPM 518, SPP 1726
06:00	06:00		24.00	



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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
72,643.40	164,435.09

Spud Date 12/19/2014 5:30:00 AM	Ground/Corrected Ground Elevation (ft) 3,294.00	KB-Ground Distance (ft) 13.00
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Daily Operations

12/20/2014 06:00 - 12/21/2014 06:00
 Operation Summary # 1
 POOH WITH DRILL STRING, LD 8" DC'S, RU AND RUN 138 JT.S OF 8-5/8 CSG.J-55, 24#, STC SURFACE PIPE TO 1696', RU BASIC CEMENTERS AND CEMENT W/ 460 SXS LEAD AND 260 SXS TAIL. 52 BBL.S/156 SXS OF GOOD RETURNS. BUMP PLUG & HOLE @ 1200 PSI, FLOATS HELD, RD CEMENTERS, PREP FOR BRINE OPERATIONS, CO 8-5/8, WO LARKIN HEAD, NU BOPE, RU VES TO RUN GYRO SURVEY.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	08:30	2.50	2.50	POOH TO RUN SURFACE CASING.
08:30	09:00	0.50	3.00	RU LEWIS LD MACHINE AND LAY DOWN 8" DRILL COLLARS.
09:00	10:00	1.00	4.00	HOLD SAFETY MEETING WITH LEWIS CASING CREW & BASIC RIG CREW. RU CASING CREW EQUIPMENT.
10:00	14:00	4.00	8.00	RAN SURFACE CASING AS FOLLOWS: RAN SAW TOOTH GUIDE SHOE, 1 JOINT 8 5/8 CASING 24#, J-55, STC ,FLOAT COLLAR AND 1 JOINT CASING INSTALLED CIRCULATING SWEDGE AND CIRCULATE THROUGH SHOE TRACK O.K. CONTINUED RUNNING 1701.35', A TOTAL OF 39 JOINTS OF 8 5/8 O.D. 24# , J-55, ST&C CASING TO 1696', RAN CENTRALIZERS ON FIRST 2 JOINTS AND EVERY 4TH JOINT TO SURFACE. WASH DOWN FROM 1516' TO 1696'. RD LEWIS CASING & LD MACHINE.
14:00	15:00	1.00	9.00	CIRCULATE WELL CLEAN. HOLD SAFETY MEETING WITH RIG CREW AND BASIC CEMENTERS. RU CEMENTERS
15:00	18:30	3.50	12.50	TESTED LINES TO 2,500 PSI O.K. PUMP 20 BBL.S OF FW SPACER, THEN BASIC CEMENTED 8 5/8 CASING AT 1,799' WITH 460 SACKS65-35-6 CLASS C CEMENT + 6% GEL + 0.25 PPS CELLO FLAKES 5% SALT + 2/10% C-41P MIXED AT 12.8, YIELD 1.87, WITH 10.14 GPS FRESH WATER, 153.2 BBL.S,FOLLOWED BY 260 SACKS CLASS C CEMENT + 0.25 PPS CELLO FLAKE MIXED AT 14.8, YIELD 1.33, WITH 6.31 GPS FRESH WATER, 61.6 BBL.S, DISPLACED WITH 105.4 BBL.S OF FW. BUMPED PLUG AT 05:52 PM. WITH 1200 PSI, 500 PSI OVER PUMP PRESSURE 12-20-2014, RELEASED PRESSURE FLOATS HELD O.K, BLEED BACK 1 BBL HAD 52 BBL.S OF 12.8 PPG, 156 SXS, OF GOOD CEMENT RETURNS TO SURFACE. TOP OF LEAD WAS SURFACE AND TOP OF TAIL WAS 340'. GOOD RETURNS THROUGHOUT JOB. RD BASIC AND RELEASE.
18:30	20:30	2.00	14.50	JET AND CLEAN PITS TO PREPARE FOR BRINE OPERATIONS. UNLOAD AND GO OVER DIRECTIONAL TOOL DELIVERY. MOVE RETURN LINES IN PITS. MOVE TRANSFER PUMP FROM FW TO BRINE PIT.
20:30	22:30	2.00	16.50	RUN HYDRAULIC LINES AND CHARGE ACCUMULATOR. LAY OUT BLOOEY LINE.
22:30	01:00	2.50	19.00	CUT OFF 8-5/6 SURFACE PIPE. WELD ON LARKIN HEAD. INSTALL ADAPTER FLANGE FROM LARKIN HEAD TO BOPE.
01:00	04:00	3.00	22.00	NU BOPE, INSTALL CHOKE AND KILL LINES, INSTALL FLOWLINE, AND ROTATING HEAD AND MAKE CHANGES TO FLOW NIPPLE.
04:00	06:00	2.00	24.00	HOLD SAFETY MEETING WITH RIG CREW AND VES GYRO CREW. RU GYRO EQUIPMENT AND RIH TO AND RUN GYRO SURVEY TO PREPARE TO RUN DIRECTIONAL TOOLS.



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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
28,582.69	91,791.69

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/19/2014 06:00 - 12/20/2014 06:00

Operation Summary # 1

FINISH DRILLING TO 1696', CIRCULATE WELL CLEAN, START POOH.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	11:30	5.50	5.50	DRILLING FROM 76' TO 500'. WOB 12, ROT. 80, SPM 100, GPM 350
11:30	12:00	0.50	6.00	SURVEY @ 460', .70 DEGREE.
12:00	12:30	0.50	6.50	RIG SERVICE.
12:30	20:00	7.50	14.00	DRILLING FROM 500' TO 992'. WOB 15, ROT 95, SPM 100, GOM 365, SPP 635
20:00	20:30	0.50	14.50	SURVEY @ 951' = .79 DEGREE
20:30	02:30	6.00	20.50	DRILLING FROM 992' TO 1492'. WOB 20, ROT 100, SPM 100, 334 GPM, SPP 691
02:30	03:00	0.50	21.00	SURVEY @ 1451', .90 DEGREE
03:00	05:00	2.00	23.00	DRILLING FROM 1492' TO 1696'. wob 25, rot 100, spm 100, GPM 345, SPP 690
05:00	06:00	1.00	24.00	CIRCULATE WELL CLEAN. PUMP SWEEP.



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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
128,012.51	327,042.83

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/22/2014 06:00 - 12/23/2014 06:00

Operation Summary # 1

CONTINUE DRILLING TO 3800'. AT REPORT TIME 5.05 RIGHT, 1.45 BELOW

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	06:30	0.50	0.50	DRILL ROTATE FROM 2392' TO 2456' (64'), WOB 20, ROT 80, SPM 115, GPM 475, SPP 1350 PSI.
06:30	07:00	0.50	1.00	SLIDE FROM 2456' TO 2470'(14), WOB 5, SPM 115, SPM 115, GPM 475, PSI 1350 PSI
07:00	07:30	0.50	1.50	DRILL ROTATE FROM 2470' TO 2551' (81'), WOB 20, ROT 210, GPM 475, SPP 1350
07:30	08:00	0.50	2.00	DRILL SLIDE FROM 2551' TO 2563', (12'), WOB 15, SPM 110, ROT. 175, GPM 450, SPP 1225
08:00	09:00	1.00	3.00	DRILL ROTATE FROM FROM 2563' TO 2645', (82'), WOB 20, ROT 175, SPM 110, GPM 450, SPP 1325.
09:00	09:30	0.50	3.50	DRILL SLIDE FROM 2645' TO 2660' (15'), WOB 5, ROT 175, SPM 110, SPM 450, SPP 1225
09:30	13:30	4.00	7.50	DRILL ROTATE FROM 2660' TO 2929', (269), WOB 20 ROT 175, SPM 110, S, 450, SPP 1150 PSI
13:30	14:00	0.50	8.00	DRILL SLIDE FROM 2929' TO 2935' (6'), WOB 9, ROT 135, SPM 110, GPM 450, SPP 1300 PSI.
14:00	16:30	2.50	10.50	DRILLING ROTATE FROM 2935' TO 3118' (183'), WOB 20, ROT 175, SPM 110, GPM 450, SPP 1400 PSI
16:30	17:00	0.50	11.00	SERVICE RIG
17:00	01:45	8.75	19.75	DRILL ROTATE FROM 3118' TO 3591'. WOB 17, ROT 165, SPM 113, GPM 375, SPP 1635 PSI.
01:45	02:15	0.50	20.25	DRILL SLIDE FROM 3591' TO 3603' (12'). WOB 15, ROT 175, SPM 113, 375 GPM, SPP 1690 PSI.
02:15	06:00	3.75	24.00	DRILL ROTATE FROM 3603' TO 3800'. WOB 17, ROT 164, SPM 113, SPP 1690 PSI



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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
49,351.77	387,394.60

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/23/2014 06:00 - 12/24/2014 06:00

Operation Summary # 1

DRILL TO 4343', TAKE FINAL SURVEY @ 4301', .5 DEGREE, AZ. 269.9, 3.15 DLS. POOH, LD DIRECTIONAL TOOLS, PU SEMI PACKED BHA, CHANGE NOZZLES TO 16'S, TIH AND RESUME DRILLING AT 4343' TO 4359'.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	14:00	8.00	8.00	DRILL ROTATE FROM 3800' TO 4250'. WOB 15, SPM 110, GPM 365, ROT 170, SPP 1725 PSI.
14:00	15:00	1.00	9.00	DRILL SLIDE FROM 4250' TO 4270' (20'), WOB 25, SPM 110, GPM 350, SPP 1450 PSI.
15:00	16:30	1.50	10.50	DRILL, ROTATE, FROM 4270' TO 4343', WOB 20, ROT 165, SPM 110, GPM 365, SPP 1450
16:30	17:30	1.00	11.50	CIRCULATE WELL CLEAN AND PUMP HIGH VIS SWEEP.
17:30	22:30	5.00	16.50	POOH WITH DIRECTIONAL BHA. LD BHA, CHANGE BIT NOZZLES FROM 18'S TO 16'S.
22:30	23:30	1.00	17.50	CHANGE OUT SURVEY MACHINE LINE. LOAD OUT DIRECTIONAL TOOLS.
23:30	05:00	5.50	23.00	TIH, PICKING UP SEMI-PACKED BHA, BIT, DC, REAMER, DC, REAMER, 19 DC'S, AND DRILL PIPE TO 4343'.
05:00	06:00	1.00	24.00	DRILL FROM 4343' TO 4359'. WOB 20, ROT 80, SPM 110, GPM 435, SPP 1180.



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API#: 4200345964
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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
20,992.44	408,387.04

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/24/2014 06:00 - 12/25/2014 06:00

Operation Summary # 1

DRILL FROM 4359' TO 5645'.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	15:00	9.00	9.00	DRILLING FROM 4359' TO 4829'. WOB 25, ROT 80, SPM 150, SPM 520, SPP 2025 PSI.
15:00	15:30	0.50	9.50	RIG SERVICE
15:30	16:00	0.50	10.00	SURVEY @ 4787' = .56 DEGREES.
16:00	23:00	7.00	17.00	DRILLING FROM 4829' TO 5269' WOB 25, ROT. 75, SPM 150, GPM 510, SPP 2050 PSI.
23:00	23:30	0.50	17.50	SURVEY AT 5226' = .77 DEGREE
23:30	06:00	6.50	24.00	DRILLING FROM 5269' TO 5645' WOB 25, ROT 80, SPM 75/75, GPM 520, SPP 2130 PSI



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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
16,557.14	424,944.18

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/25/2014 06:00 - 12/26/2014 06:00

Operation Summary # 1

DRILL FROM 5645' TO 6628'.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	08:30	2.50	2.50	DRILLING FROM 5645' to 5739'. WOB, ROT 75, SPM 75/75, GPM 500, SPP 2450 PSI.
08:30	09:00	0.50	3.00	RUN SURVEY AT 5696' = .23 DEGREE
09:00	16:00	7.00	10.00	DRILLING FROM 5739' TO 6114'. WOB 25, ROT 80, SPM 75/75, GPM 510, SPP 2450 PSI.
16:00	16:30	0.50	10.50	RIG SERVICE.
16:30	18:30	2.00	12.50	DRILLING FROM 6114' TO 6178'. WOB 25, ROT 75, SPM 75/75, GPM 500. SPP 2450 PSI.
18:30	19:00	0.50	13.00	SURVEY AT 6135' = .20 DEGREE
19:00	06:00	11.00	24.00	DRILLING FROM 6178' TO 6628'. WOB 26, ROT 75, SPM 72/72, GPM 485, SPP 2250 PSI.



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API#: 4200345964
AFE#: 1404972

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
154,792.00	655,352.37

Spud Date 12/19/2014 5:30:00 AM	Ground/Corrected Ground Elevation (ft) 3,294.00	KB-Ground Distance (ft) 13.00
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Daily Operations

12/28/2014 06:00 - 12/28/2014 22:00

Operation Summary # 1

CONTINUED RUNNING 5 1/2" , 17#, J-55 CASING TO 7,050', CIRCULATE HOLE CLEAN, BASIC CEMENTED CASING AT 7,049', HAD 62 BBLS, 129 SACKS CEMENT RETURNS TO SURFACE, NIPPLE DOWN BOP'S AND SET CASING ON SIPS WITH 87 K STRING WEIGHT, CUT OFF CASING AND INSTALL LARKIN WELL HEAD PACKOFF WASHED MUD PITS, RELEASED RIG AT 22:00 HRS 12-28-14, RIGGING DOWN

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	12:30	6.50	6.50	AFTER SHOE TRACK RAN CASING AS FOLLOWS, 158 JOINTS OF 5 1/2" J-55, 17#, LT&C (7,008.02') TOTAL OF 159 JOINTS 7,054.95 SET AT 7,049'
12:30	14:30	2.00	8.50	CIRCULATE WITH RIG PUMP
14:30	17:30	3.00	11.50	TEST LINES TO 4500 PSI, PUMP 20 BBLS FW SPACER AHEAD OF 450 SX LEAD, 50/50 POZ C CEMENT, DENSITY 11.5 PPG, YIELD 2.7 @ 6 BBL/ M @ 225 PSI, FOLLOWED BY 685 SX OF TAIL SUPER H CEMENT C, DENSITY 13.2 PPG, YIELD 1.82 @ 6 BBL/M @ 270 PSI, BUMP PLUG 500 PSI OVER @ 3 BBL/M, FINAL BUMP 2,350 PSI RELEASED PSI, BLED BACK 1.5 BBLS TO TANKS, FLOATS HELD. CIRCULATED 129 SACKS OF CEMENT TO SURFACE. FULL RETURNS DURING JOB
17:30	21:00	3.50	15.00	NIPPLE DOWN AND HANG BOP STACK ON ROTARY BEAMS, SET 5 1/2 CASING ON SLIPS WITH 87 K STRING WEIGHT WELDER CUT OFF CASING AND LAYED DOWN LANDING JOINT AND BOP STACK, INSTALLED LARKIN WELL HEAD PACKOFF
21:00	22:00	1.00	16.00	CLEAN MUD TANKS, RELEASED RIG AT 22:00 HRS ON 12-28-14, FINAL FUEL READING 1,540 GALLONS



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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
45,734.60	500,560.37

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/27/2014 06:00 - 12/28/2014 06:00

Operation Summary # 1

WORK OUT OF TIGHT HOLE, BACK REAM 2,448' - 2,350' AND 1,927' TO 1,696', FINISHED LAYING DOWN DRILL PIPE AND BHA, BREAK KELLY, LAST SURVEY AT 7,049' = 0.50°, HALLIBURTON RAN TRIPLE COMBO LOG FROM 6,991' TO 1,693', RIG UP LEWIS CASING CREW AND RUNNING 5 1/2, 17#, J-55, LT&C CASING

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	10:00	4.00	4.00	PICK UP KELLY, WORK STUCK PIPE AND BACK REAM OUT OF TIGHT HOLE FROM 2,448' TO 2,350', PUMP HI-VIS SWEEPS
10:00	12:00	2.00	6.00	WHILE WORKING PIPE ELEVATORS HIT DERRICK AND BROKE EAR OFF ELEVATORS AND DAMAGED LATCH, WAIT 2 HOURS FOR NEW ELEVATORS
12:00	13:00	1.00	7.00	P.O.O.H. LAYING DOWN DRILL PIPE FROM 2,350' TO 1,927', HIT TIGHT SPOT
13:00	15:30	2.50	9.50	PICK UP KELLY, WORK STUCK PIPE AND BACK REAM OUT OF TIGHT HOLE FROM 1,927' TO 1,696' (SURFACE CASING), PUMP HI-VIS SWEEPS
15:30	19:00	3.50	13.00	CONTINUE P.O.O.H. LAYING DOWN DP, BREAK KELLY AND LAY DOWN DRILL COLLARS, 3-POINT REAMERS AND 7 7/8" BIT, SURVEY AT 7,049' = 0.5°
19:00	02:30	7.50	20.50	HELD PRE JOB SAFETY MEETING WITH HALLIBURTON AND BASIC RIG CREW, RIG UP LOGGING UNIT AND RUN TRIPLE COMBO LOGGING TOOL FOUND BOTTOM AT 7,045' LOGGED FROM 6,991' TO 1,693' BOTTOM HOLE TEMPERATURE = 110°, RIG DOWN HALLIBURTON
02:30	04:00	1.50	22.00	RIG UP LEWIS CASING CREW AND LAY DOWN MACHINE
04:00	06:00	2.00	24.00	HELD PJSM AND RUN 5 1/2 CASING AS FOLLOWS 1 - 5 1/2 FLOAT SHOE (1.10'), 1 JOINT 5 1/2" J-55, 17 #, LT&C (44.46'), FLOAT COLLAR (1.37') CIRCULATE THROUGH SHOE TRACK WITH RIG PUMP O.K. NOW RUNNING 5 1/2 CASING



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 County: Andrews
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 Rig Contr.: Basic 40

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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
25,331.59	454,825.77

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
12/19/2014 5:30:00 AM	3,294.00	13.00

Daily Operations

12/26/2014 06:00 - 12/27/2014 06:00

Operation Summary # 1

DRILL FROM 6628' TO 7050'. CIRCULATE WELL BORE CLEAN. RU LD MACHINE AND POOH LD DP, GOT STUCK AT 2456', WORKED PIPE, CIRCULATED WELL, REAMED AND PUMPED SWEEPS AFTER FREEING PIPE. SET KELLY BACK TO RESUME LD DP.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	07:30	1.50	1.50	DRILLING FROM 6628' TO 6648'. WOB 28, ROT 80, 72/72, GPM 480, SPP 2400 PSI.
07:30	08:00	0.50	2.00	RUN SURVEY AT 6606' = .70 DEGREE.
08:00	16:30	8.50	10.50	DRILLING FROM 6648' TO 6929'. WOB 22, ROT 85, SPM 75/75, SPP 2450 PSI.
16:30	17:00	0.50	11.00	RIG SERVICE.
17:00	20:00	3.00	14.00	DRILLING FROM 6929' TO 7050'. WOB 24, ROT 85, SPM 115, SPM 395, SPP 1425 PSI. STARCH UP AND RAISE VIS TO 32. WL 15.6
20:00	21:00	1.00	15.00	CIRCULATE HIGH VIS SWEEP AND CIRCULATE WELL BORE CLEAN.
21:00	01:00	4.00	19.00	HOLD SAFETY MEETING WITH THOMPSON LD CREW & BASIC RIG CREW. POOH LD DP. HAD TIGHT SPOTS AT 4186' & 3109', GOT STUCK AT 2456'.
01:00	06:00	5.00	24.00	COULD NOT GO UP OR BACK DOWN. ATTEMPTED TO ROTATE BUT WAS UNSUCCESSFUL. CIRCULATED HOLE AND COULD NOT GET FREE. PUMPED HIGH VIS SWEEP IN AN ATTEMPT TO GET FREE. SAW 2' OF MOVEMENT, CONTINUED PUMPING SWEEPS, CAME FREE. LAY DOWN SINGLE AND REAM THROUGH TIGHT SPOT. PU & REAM THREE SINGLES DOWN PUMPING SWEEPS. SET KELLY BACK TO RESUME POOH LAYING DOWN,.