



Midland Partner Report

Well Name: Fcu 7124

State: Texas
County: Andrews
Location: ~16.7 miles northwest of Andrews, TX
Rig Contr.:

API#: 4200345671
AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
600.00	600.00

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
	3,328.00	13.00

Daily Operations

3/9/2014 18:30 - 3/10/2014 06:00

Operation Summary # 1

Move and Rig up

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
18:30	08:00	13.50	13.50	RIGGING DOWN AND PREPARE TO MOVE TO FCU 7124



Midland Partner Report

Well Name: Fcu 7124

State: Texas

County: Andrews

Location: ~16.7 miles northwest of Andrews, TX

Rig Contr.: Pioneer 40

API#: 4200345671

AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
15,935.00	16,785.00

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
	3,328.00	13.00

Daily Operations

3/10/2014 06:00 - 3/11/2014 06:00

Operation Summary # 1

Move, rig up, replace torque convertor on #1drawworks motor, continue rig up

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	08:00	2.00	2.00	HELD SAFETY MEETING WITH BRILEY TRUCKING AND RIG CREWS, RIGGING DOWN AND MOVING OUT ON FCU 6928 WELL
08:00	15:30	7.50	9.50	MOVING IN AND RIGGING UP ON FCU 7124, PINNED DERRICK ON FLOOR AT 12:00, RAISED DERRICK 15:00, LEVEL SUB AND DERRICK, RELEASED BRILEY TRUCKING AT 15:30 HRS
15:30	21:30	6.00	15.50	INSTALL TORQUE CONVERTER ON # 1 FLOOR MOTOR, REPAIR AND REPLACE DRUM CLUTCH HOSE, REPLACE DRAWWORKS GUIDES WHILE RIGGING UP
21:30	06:00	8.50	24.00	RIGGING UP BACK YARD, MUD PITS AND RIG FLOOR, CONTACTED T.R.R.C. AT 11:45 A.M FOR APPROVAL TO SPUD AND SET SURFACE CASING JOB # 3652



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Location: ~16.7 miles northwest of Andrews, TX
Rig Contr.: Pioneer 40

API#: 4200345671

AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
70,568.05	87,353.05

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/11/2014 06:00 - 3/12/2014 06:00

Operation Summary # 1

Pre-spud inspection, N/U conductor, DRILL F/ 60' TO 1696' TD, ROP 1636' @ 96.2 FPH, WOB 10-15, RPM 70-95, GPM 300-420, PP 580, last survey @ 1214' degree 0.92

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	08:30	2.50	2.50	PRE-SPUD INSPECTION WITH CORRECTIONS, RIG ACCEPTED @ 08:30 ON 3-11-14
08:30	09:30	1.00	3.50	STRAP BHA AND M/U BIT
09:30	11:00	1.50	5.00	N/U CONDUCTOR AND TEST PUMP AND LINES
11:00	13:30	2.50	7.50	DRILL F/ 60' TO 281' ROP 221 @ 88.4 FPH, WOB 10-15, RPM 70-95, GPM 300-420, PP 175
13:30	14:00	0.50	8.00	WIRE LINE SURVEY @ 235' DEGREE 0.62
14:00	18:30	4.50	12.50	DRILL F/ 281' TO 781' ROP 500 @ 111 FPH, WOB 10-15, RPM 70-95, GPM 300-420, PP 480
18:30	19:00	0.50	13.00	WIRE LINE SURVEY @ 728' DEGREE 0.65
19:00	00:00	5.00	18.00	DRILL F/ 781' TO 1276' ROP 495' @ 111 FPH, WOB 10-15, RPM 70-95, GPM 300-420, PP 520
00:00	00:30	0.50	18.50	SERVICE RIG
00:30	01:00	0.50	19.00	WIRE LINE SURVEY @ 1214' DEGREE 0.92
01:00	06:00	5.00	24.00	DRILL F/ 1276' TO 1696' TD, ROP 420' @ 84 FPH, WOB 10-15, RPM 70-95, GPM 300-420, PP 580



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County: Andrews
Location: ~16.7 miles northwest of Andrews, TX
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API#: 4200345671

AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
58,912.77	146,265.82

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/12/2014 06:00 - 3/13/2014 06:00

Operation Summary # 1

CIRCULATE HOLE CLEAN, P.O.O.H. AND LAY DOWN 8" D.C., RUN 39 JOINTS OF 8 5/8 CASING TO 1,696', CIRCULATE HOLE CLEAN, CEMENT SURFACE CASING WITH CREST, DROPPED PLUG AND PUMPED 7 BBLs DISPLACEMENT PRESSURE INCREASED TO 2,400 PSI UNABLE TO DISPLACE CEMENT IN CASING, WOC 6 HRS, WELD ON LARKIN WELL HEAD, NIPPLE UP BOP STACK AND FUNCTION TEST O.K. FLUSH THROUGH BOP'S CHOKE MANIFOLD, GAS BUSTER AND PANIC LINE, PREPARE TO TEST BOP'S

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	07:30	1.50	1.50	CIRCULATE OUT SWEEP TO CLEAN HOLE FOR SURFACE CASING
07:30	10:00	2.50	4.00	P.O.O.H. AND LAY DOWN 8" D.C. AND 11" BIT, SURVEY AT 1,648' = 1.57°
10:00	10:30	0.50	4.50	HELD SAFETY MEETING WITH LEWIS LAY DOWN CREW, CASING CREW AND RIG CREW , RIG UP LEWIS CASING CREW
10:30	14:30	4.00	8.50	MAKE UP 8 5/8 SAW TOOTH SHOE, 1 JOINT OF 8 5/8" CASING, FLOAT COLLAR AND 2 JOINTS 8 5/8 CASING INSTALL SWEDGE AND ESTABLISHED CIRCULATION THROUGH SHOE TRACK O.K , CONTINUED RUNNING 8 5/8, 24 #, J-55, ST&C TO TIGHT SPOT AT 1,524' , WASHED DOWN LAST 4 JOINTS FROM 1,524' TO 1,696' (TOTAL JOINTS RAN 39)
14:30	15:30	1.00	9.50	CIRCULATE CASING AT 1,696' AT 6 BPM WITH RIG PUMP
15:30	16:00	0.50	10.00	HELD SAFETY MEETING WITH CREST AND RIG CREW, RIG UP CEMENT HEAD AND STEEL LINE
16:00	18:00	2.00	12.00	TESTED LINES TO 3,000 PSI, CREST MIXED AND PUMPED 555 SACKS CLASS C CEMENT + 4% GEL + 2% CACL2 + 0.25 # / SK CELLO FLAKES MIXED AT 13.5 PPG, YIELD 1.75 WITH 9.16 GPS FRESH WATER FOLLOWED BY 260 SACKS CLASS C CEMENT + 2% CACL2 + 0.25 # / SK CELLO FLAKES MIXED AT 14.8 PPG, YIELD 1.32 WITH 6.35 GPS FRESH WATER, DROPPED WIPER PLUG AND DISPLACED WITH 7 BBLs WATER AND PUMP PRESSURE INCREASED TO 2400 PSI, UNABLE TO DISPLACE CEMENT IN CASING WITH WATER DUE TO HIGH PRESSURE
18:00	00:00	6.00	18.00	WAITING ON CEMENT CALLED T.R.R.C. AT 20:00 HRS TALKED TO TOM FOUTS ABOUT PROBLEMS CEMENTING SURFACE CASING
00:00	02:00	2.00	20.00	P/U CONDUCTOR AND MAKE ROUGH CUT ON SURFACE CASING, LAY DOWN CUT OFF LANDING JOINT AND CONDUCTOR, MAKE FINAL CUT AND INSTALL LARKIN WELL HEAD AT GROUND LEVEL
02:00	05:30	3.50	23.50	INSTALL LARKIN WELL HEAD FLANGE AND NIPPLE UP BOP STACK, CHOKE LINE, KILL LINE, HYDRAULIC LINES, FLOWLINE, FUNCTION TEST BOP'S
05:30	06:00	0.50	24.00	FLUSH THROUGH BOP'S, GAS BUSTER, CHOKE MANIFOLD AND PANIC LINE, PREPARE TO TEST BOP'S



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AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
24,210.77	170,476.59

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/13/2014 06:00 - 3/14/2014 06:00

Operation Summary # 1

TEST BOP'S HAD 1 GOOD TEST ON BLIND RAMS AND OUTER VALVES ON CHOKE MANIFOLD 250 LOW 1500 HIGH , UNABLE TO GET ANY OTHER TEST OR FIND ANY LEAKS OR REASONS FOR FAILED TEST, LAY DOWN 10 D.C. OUT OF DERRICK, MAKE UP 7 7/8" BIT, DRILL CEMENT IN CASING FROM 87' TO 1,648' (TOP OF FLOAT COLLAR) CIRCULATE CLEAN , START OUT OF HOLE LAYING DOWN D.P.

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	11:00	5.00	5.00	TEST BOP'S HAD 1 GOOD TEST ON BLIND RAMS AND OUTER VALVES ON CHOKE MANIFOLD 250 LOW 1500 HIGH , UNABLE TO GET ANY OTHER TEST OR FIND ANY LEAKS OR REASONS FOR FAILED TEST
11:00	12:00	1.00	6.00	LAY DOWN 10 D.C. OUT OF DERRICK
12:00	12:30	0.50	6.50	MAKE UP BIT # 2, 7 7/8" , TAG FIRM CEMENT AT 87'
12:30	05:00	16.50	23.00	DRILL CEMENT 87' TO 145, DRILLED WIPER PLUG AT 145' CONTINUE DRILLING CEMENT IN CASING FROM 145' TO FLOAT COLLAR AT 1,648', WOB 10 / 14, RPM 70 / 80, PP 580, GPM 420
05:00	05:30	0.50	23.50	PUMP SWEEP AND CIRCULATE BOTTOMS UP
05:30	06:00	0.50	24.00	INSTALL BAILS AND ELEVATORS AND P.O.O.H. LAYING DOWN DP



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AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
16,996.00	245,093.59

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/16/2014 06:00 - 3/17/2014 06:00

Operation Summary # 1

DRILLED 7 7/8" HOLE FROM 2,621' TO 3,675' - 1,054' IN 22 HRS AVG ROP 47.9 FPH, LAST SURVEY AT 3,386' = 1.01°

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	08:30	2.50	2.50	DRILLED 7 7/8" HOLE FROM 2,621' TO 2,746', 125' AT 50 FPH, WOB 10, RPM 100, PP 950, GPM 420, SPM 120
08:30	09:00	0.50	3.00	WIRELINE SURVEY AT 2,684' = 1.95°
09:00	16:30	7.50	10.50	DRILLED 7 7/8" HOLE FROM 2,746' TO 3,025', 279' AT 37 FPH, WOB 10 - 12, RPM 100, PP 1000, GPM 420, SPM 120
16:30	17:00	0.50	11.00	SAERVICE RIG
17:00	17:30	0.50	11.50	WIRELINE SURVEY AT 2,979' = 1.1°, FUNCTION BOP'S
17:30	01:30	8.00	19.50	DRILLED 7 7/8" HOLE FROM 3,025' TO 3,427', 402' AT 50 FPH, WOB 18, RPM 100, PP 1000, GPM 420, SPM 120
01:30	02:00	0.50	20.00	WIRELINE SURVEY AT 3,386' = 1.01°
02:00	06:00	4.00	24.00	DRILLED 7 7/8" HOLE FROM 3,427' TO 3,675', 248' AT 62 FPH, WOB 18 - 20, RPM 100, PP 1020, GPM 420, SPM 120



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Location: ~16.7 miles northwest of Andrews, TX
Rig Contr.: Pioneer 40

API#: 4200345671

AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
21,156.00	228,097.59

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/15/2014 06:00 - 3/16/2014 06:00

Operation Summary # 1

FINISHED TESTING BOP'S, TEST CASING TO 1000 PSI FOR 1/2 HR FOR T.R.R.C. TEST O.K., T.I.H. WITH BIT # 2 RR, DISPLACE HOLE WITH 10 # BRINE WATER, DRILL OUT SHOE TRACK AND TEST TO 200 PSI = EMW 12.2 PPG, DRILL 7 7/8" HOLE FROM 1,696' TO 2,621', 925' IN 15.5 HRS AVG ROP 59.7 FPH, LAST SURVEY AT 2,405' = 2.24°

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	08:00	2.00	2.00	TEST HYDRIL, HCR AND KILL LINE VALVES 250 PSI LOW, 1,500 PSI HIGH, PREFORM ACCUMULATOR TEST WITH PUMPS OFF O.K.
08:00	08:30	0.50	2.50	TEST 8 5/8 CASING WITH 1,000 PSI AND FRESH WATER FOR 30 MINUTES FOR T.R.R.C. CASING TEST O.K.
08:30	10:30	2.00	4.50	MAKE UP BIT # 2 RR, 3 POINT REAMERS AT 30' AND 60' ABOVE BIT T.I.H. TO TOP OF FLOAT COLLAR, INSTALL ROTATING HEAD RUBBER
10:30	11:00	0.50	5.00	DISPLACE FRESH WATER IN CASING WITH 10 # BRINE WATER
11:00	11:30	0.50	5.50	RIG SERVICE AND MOVE FLOWLINE TO OUT SIDE RESERVE PIT
11:30	13:00	1.50	7.00	DRILL OUT SHOE TRACK 1,648' TO 1,696'
13:00	13:30	0.50	7.50	DRILL 7 7/8" HOLE 1,696' TO 1,706' , WOB 12, RPM 80
13:30	14:00	0.50	8.00	TESTED 8 5/8 CASING SHOE WITH 200 PSI AND 10 # BRINE FOR 10 MINUTES EMW = 12.2 PPG, HELD O.K.
14:00	21:00	7.00	15.00	DRILLED 7 7/8" HOLE FROM 1,706' TO 2,189', 483' AT 69 FPH, WOB 15, RPM 90, PP 875, GPM 420, SPM 120
21:00	21:30	0.50	15.50	WIRELINE SURVEY AT 2,125' = 1.89°
21:30	02:00	4.50	20.00	DRILLED 7 7/8" HOLE FROM 2,189' TO 2,467', 278' AT 61.7 FPH, WOB 10 / 12, RPM 90, PP 920, GPM 420, SPM 120
02:00	02:30	0.50	20.50	WIRELINE SURVEY AT 2,405' = 2.24°
02:30	06:00	3.50	24.00	DRILLED 7 7/8" HOLE FROM 2,467' TO 2,621', 154' AT 44 FPH, WOB 10, RPM 90 - 100, PP 940, GPM 420, SPM 120



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State: Texas
County: Andrews
Location: ~16.7 miles northwest of Andrews, TX
Rig Contr.: Pioneer 40

API#: 4200345671

AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
36,465.00	206,941.59

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/14/2014 06:00 - 3/15/2014 06:00

Operation Summary # 1

FINISHED P.O.O.H., RENEGADE WIRELINE RAN CEMENT BOND LOG FROM 1,647' TO SURFACE, CEMENT TOP AT 50', TEST BOP'S AND CHOKE MANIFOLD 250 PSI LOW, 1,500 PSI HIGH, 2 VALVES ON CHOKE MANIFOLD, 4" MANUAL NEXT TO STACK AND HYDRIL FAILED TO TEST, CHANGE OUT 2" VALVES, RIG UP CREST CEMENTERS AND RUN 1" PIPE TO 57' BELOW GROUND LEVEL, MIXED AND PUMPED 72 SACKS (17 BBLS) FOR TOP OUT JOB, REMOVED AND REPLACED HYDRIL AND 4" MANUAL VALVES, , RETEST CHOVE MANIFOLD VALVES, PREPARE TO TEST HYDRIL, REPAIR LEAK ON HYDRAULIC LINE

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	07:30	1.50	1.50	CONTINUED P.O.O.H. LAY DOWN D.P. STAND COLLARS BACK IN DERRICK
07:30	08:00	0.50	2.00	SERVICE RIG
08:00	11:30	3.50	5.50	HELD SAFETY MEETING WITH PIONEER RIG CREW AND RENEGADE WIRE LINE, RIG UP WIRELINE TRUCK RAN CEMENT BOND LOG FROM 1,647' TO SURFACE LOG SHOWED CEMENT AT 50', RIG DOWN WIRELINE TRUCK
11:30	18:30	7.00	12.50	MONAHANS NIPPLE UP TEST BOP VALVES, LINES, FLANGES, CHOKE MANIFOLD AND HYDRIL, 250 PSI LOW, 1,500 PSI HIGH, 2 VALVES ON CHOKE MANIFOLD, 4" VALVE ON BOP STACK AND HYDRIL, FAILED TO TEST, REMOVE VALVES ON CHOKE MANIFOLD AND REPLACE WHILE WAITING ON CREST TO DO TOP OUT CEMENT JOB
18:30	19:00	0.50	13.00	HELD SAFETY MEETING WITH CREST CEMENT TEAM AND PIONEER RIG CREW, RAN 1" PIPE TO 57' BELOW GROUND LEVEL AND R/U CREST PUMP TRUCK
19:00	20:00	1.00	14.00	CREST MIXED AND PUMPED 72 SACKS (17 BBLS) CLASS C CEMENT + 2% CACL2, AT 14.8 PPG, YIELD 1.32, WATER 6.35, HAD 8 BBLS (34 SACKS) GOOD RETURNS AT SURFACE
20:00	20:30	0.50	14.50	CLEAN CELLAR AND R/D CREST PUMP TRUCK
20:30	00:00	3.50	18.00	FINISHED TIGHTEN BOLTS ON CHOKE MANIFOLD, REMOVE ROTATING HEAD, HYDRIL AND 4" VALVE ON BOP STACK
00:00	04:30	4.50	22.50	INSTALL NEW HYDRIL AND 4" MANUEL VALVE, REINSTALL ROTATING HEAD, FLOWLINE, HCR, CHOKELINE, TURNBUCKLES AND KOOMY LINES
04:30	05:30	1.00	23.50	RETEST CHOKE MANIFOLD VALVES, 250 PSI LOW, 1,500 PSI HIGH O.K., P/U TEST JOINT TO TEST HYDRIL FOUND HYDRAULIC LEAK ON KOOMY LINE TO HYDRIL
05:30	06:00	0.50	24.00	REPAIR LEAK ON HYDRAULIC LINE TO HYDRIL



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API#: 4200345671

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Total Costs to Date	
Daily Cost Total	Cum Cost To Date
36,650.00	281,743.59

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/17/2014 06:00 - 3/18/2014 06:00

Operation Summary # 1

DRILLED 7 7/8" HOLE FROM 3,675' TO 4,852' - 1,177' IN 22 HRS, AVG ROP 53.5 FPH, LAST SURVEY AT 4,780' = 0.38°

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	09:30	3.50	3.50	DRILLED 7 7/8" HOLE FROM 3,675' TO 3,831', 156' AT 44.5 FPH, WOB 22 , RPM 95, PP 1050, GPM 420, SPM 120
09:30	10:00	0.50	4.00	SERVICE RIG
10:00	10:30	0.50	4.50	WIRELINE SURVEY AT 3,789' = 0.89°, FUNCTION BOP'S
10:30	20:30	10.00	14.50	DRILLED 7 7/8" HOLE FROM 3,831' TO 4,325', 494' AT 49.4 FPH, WOB 28 , RPM 95, PP 1050, GPM 420, SPM 120
20:30	21:00	0.50	15.00	WQIRELINE SURVEY AT 4,284' = 0.52°
21:00	05:30	8.50	23.50	DRILLED 7 7/8" HOLE FROM 4,325' TO 4,852', 527' AT 62 FPH, WOB 28 , RPM 95, PP 1,110, GPM 420, SPM 120
05:30	06:00	0.50	24.00	WIRELINE SURVEY AT 4,780 = 0.38°



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Location: ~16.7 miles northwest of Andrews, TX
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API#: 4200345671

AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
22,776.00	304,519.59

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/18/2014 06:00 - 3/19/2014 06:00

Operation Summary # 1

DRILLED 7 7/8" HOLE FROM 4,852' TO 6,185' - 1,333' IN 22.5 HRS., AVG ROP 59.2 FPH, LAST SURVEY AT 5,772' = 0.30°

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	13:00	7.00	7.00	DRILLED 7 7/8" HOLE FROM 4,852' TO 5,317', 465' AT 66 FPH, WOB 28 , RPM 95, PP 1,130, GPM 420, SPM 120
13:00	13:30	0.50	7.50	SERVICE RIG
13:30	14:00	0.50	8.00	WIRELINE SURVEY AT 5,275' = 0.34°, FUNCTION BOP'S
14:00	22:30	8.50	16.50	DRILLED 7 7/8" HOLE FROM 5,317' TO 5,813', 496' AT 58.3 FPH, WOB 28 , RPM 95, PP 1,150, GPM 420, SPM 120
22:30	23:00	0.50	17.00	WIRELINE SURVEY AT 5,772' = 0.30°
23:00	06:00	7.00	24.00	DRILLED 7 7/8" HOLE FROM 5,813' TO 6,185', 372' AT 53 FPH, WOB 28 , RPM 95, PP 1,210, GPM 420, SPM 120



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Location: ~16.7 miles northwest of Andrews, TX
Rig Contr.: Pioneer 40

API#: 4200345671

AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
101,519.67	427,535.26

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/20/2014 06:00 - 3/21/2014 06:00

Operation Summary # 1

CONTINUE P.O.O.H. FOUND WASHOUT AT 43 STANDS AND 1 SINGLE (3,077' WASHOUT IN TUBE, SLIP AREA) LAY DOWN SINGLE , T.I.H. DRILL 7,152' TO 7,252' , PUMP HI-VIS SWEEP AND CIRCULATE HOLE CLEAN (NO LOGS DUE TO HALLIBURTON TRUCKS OUT AS PER CHARLES WAY XTO GELOGIST) , P.O.O.H. LAY DOWN DP AND BHA, BRAKE DOWN KELLY, RIG UP CASING CREW AND RUNNING 5 1/2" CASING, 70 JOINTS IN HOLE AT REPORT TIME

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
06:00	08:30	2.50	2.50	CONTINUE P.O.O.H. TO 3,077' FOUND WASHOUT IN TUBE AT SLIP AREA 43 STANDS AND 1 SINGLE (4,075') , LAY DOWN WASH OUT JOINT
08:30	11:00	2.50	5.00	T.I.H. TO 7,092', REMOVE BAILS AND ELEVATORS
11:00	11:30	0.50	5.50	WASH AND REAM 7,092' TO 7,152'
11:30	14:00	2.50	8.00	DRILLED 7 7/8" HOLE FROM 7,152' TO 7,252', 100' AT 40 FPH, WOB 30 , RPM 95, PP 1,300, GPM 420, SPM 120
14:00	17:00	3.00	11.00	PUMP HI-VIS SWEEP AND CIRCULATE HOLE CLEAN, HELD SAFETY MEETING WITH RIG CREW AND LEWIS LAY DOWN CREW, RIG UP LAY DOWN MACHINE
17:00	02:00	9.00	20.00	DROP TOTCO, SET BACK KELLY, INSTALL BAILS AND ELEVATORS, P.O.O.H. LAYING DOWN DP AND BHA, BREAK KELLY , SURVEY AT 7,225' = 0.85°
02:00	03:00	1.00	21.00	HELD SAFETY MEETING WITH LEWIS CASING CREW, LAY DOWN CREW AND PIONEER RIG CREW, RIG UP CASING CREW
03:00	06:00	3.00	24.00	MAKE UP FLOAT SHOE, 1 JOINT, FLOAT COLLAR AND 2 JOINTS OF 5 1/2" O.D., 17 #, J-55, LT&C, CASING INSTAL SWEDGE AND BREAK CIRCULATION THROUGH SHOE TRACK O.K. CONTINUE RUNNING 5 1/2 CASING, 70 OF 165 JOINTS IN HOLE AT REPORT TIME



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State: Texas
County: Andrews
Location: ~16.7 miles northwest of Andrews, TX
Rig Contr.:

API#: 4200345671
AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
4,350.00	515,735.29

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/25/2014 18:00 - 3/26/2014 00:00

Operation Summary # 1

NOT VENTING #HSM# MI 15 frac tanks & MI light towers NU frac valve and goat head secure well SDFN CMIC D Taylor



Midland Partner Report

Well Name: Fcu 7124

State: Texas
County: Andrews
Location: ~16.7 miles northwest of Andrews, TX
Rig Contr.:

API#: 4200345671
AFE#: 1307124

Total Costs to Date	
Daily Cost Total	Cum Cost To Date
16,860.00	532,595.29

Spud Date	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
3/11/2014 11:00:00 AM	3,328.00	13.00

Daily Operations

3/26/2014 00:00 - 3/27/2014 00:00

Operation Summary # 1

NOT VENTING #HSM# 0 SICP MIRU Key PT pressured up CSG to 4500 psi held good for 5 minutes bled off RU Renegade WL RIH w/ WL to 7252' depth logged well up to surface (CBL, CCL, Gamma Ray & Cased hole Neutron) logged w/ 1,000 lbs psi on well bled psi RD PT RD WL secure well SDFN CMIC D Taylor