

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113DIVISION: TEXASEVENT: 1FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTXCONTRACTOR : CANELSONWI % : 100.0000 AFE # : 001458API # : 42-003-44219PLAN DEPTH : 11,480SPUD DATE : 06/20/2012DHC : \$989,912CWC : \$1,333,710AFE TOTAL : \$2,323,622FORMATION: HIT**REPORT DATE:** 06/20/2012 MD: 147 TVD: 147 DAYS: 1 MW: 9.2 VISC: 30DAILY : DC: \$120,806CC: \$0TC: \$120,806CUM : DC: \$120,806CC: \$0TC: \$120,806

DAILY DETAILS:

WAIT ON TRUCKS. WAIT ON TRUCKS. SAFETY MEETING WITH HOOPER & RIG CREW, (THREE TRUCKS). MOVE IN AND RIG UP ON THE UNIVERSITY CAMILLE 113. PRE SPUD SAFETY MEETING. DRILLING 17.5" SURFACE HOLE 0' - 147' (147' @ 39.2 FPH), WEIGHT - ALL, ROT - 80-90. CLEAN OUT MUD RING.

REPORT DATE: 06/21/2012 MD: 1,777 TVD: 1,777 DAYS: 2 MW: 9.8 VISC: 32DAILY : DC: \$117,841CC: \$0TC: \$117,841CUM : DC: \$238,647CC: \$0TC: \$238,647

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. DRILLING 17 1/2" SURFACE 147' TO 332' (185' @ 82.22 FPH) WT=ALL, ROT=90. WLS 1/4" @ 292'. DRILLING 17 1/2" SURFACE 332' TO 827' (495' @ 90 FPH), WT=25, ROT=90. RIG SERVICE FUNCTION TEST CROWN-O-MATIC. WLS 1/4" @ 787'. DRILLING 17 1/5" SURFACE 827' TO 1333' (506' @ 74.96 FPH), WT=30, ROT=90. WLS 1/4" @ 1290'. DRILLING 17 1/2" SURFACE 1333' TO 1460' (127' @ 63.5 FPH), WT=30, ROT=90. RIG SERVICE. DRILLING 17 1/2" SURFACE 1460' TO 1650' (190' @ 63.33 FPH), WT=30, ROT=90. RUN FLUID CALIPER. DRILLING 17 1/2" SURFACE 1650' TO 1777' (127' @ 56.44 FPH), WT=30, ROT=90.

REPORT DATE: 06/22/2012 MD: 1,808 TVD: 1,808 DAYS: 3 MW: 9.7 VISC: 34DAILY : DC: \$69,995CC: \$0TC: \$69,995CUM : DC: \$308,642CC: \$0TC: \$308,642

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. DRILLING 17 1/2" SURFACE 1777' TO 1808' (31' @ 62 FPH), WT=30, ROT=90. WLS 1/4" @ 1808'. CIRCULATE/CONDITION HOLE. TRIP OUT TO RUN 13 3/8" CASING, LOT OF DRAG. HAVE SAFETY MEETING WITH ALLENS CASING CREW & RIG CREW. RIG UP ALLENS CASING CREW & RAN 43 JTS 13 3/8" J-55 #54.5 STC CASING FROM 0' TO 1808', TOTAL PIPE 1813', HAD TO WASH DOWN THE LAST 2 JTS THAT TOOK 1 1/2 HR. HAVE SAFETY MEETING WITH BAKER. RIG UP BAKER TO CASING & TEST LINES TO 2500 PSI OK, PUMP 30 BBL FRESH WATER FOLLOWED BY LEAD 850 SX (264 BBL) 13.5 PPG, CLASS "C" + 4% BENTONITE, 2% CACL2, 1/4 PPS CF. TAIL 350 SX (83 BBL) 14.8 PPG CLASS "C", .5% CACL2, DROP PLUG & DISPLACE WITH 273 BBL FRESH WATER, BUMP PLUG @ 01:05 AM, WITH 1710 PSI. BLEED BACK 2 BBL, CIRC 16 BBL (51 SX) CEMENT, RIG DOWN BAKER. WAIT ON CEMENT WITH IT SHUT IN.

REPORT DATE: 06/23/2012 MD: 2,540 TVD: 2,540 DAYS: 4 MW: 9.7 VISC: 28DAILY : DC: \$30,808CC: \$0TC: \$30,808CUM : DC: \$339,449CC: \$0TC: \$339,449

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. WAIT ON CEMENT. CUT OFF & WELD ON 13 3/8 SOW X 11" 3M W/C-22 PROFILE WELL HEAD, TEST TO 500 PSI OK. NIPPLE UP BOP. TEST BLINDS, CHOKE MANIFOLD VALVES, HCR VALVE, KILL LINE VALVES, 300 PSI LOW, 1500 PSI HIGH 5 MIN EACH, TEST CASING 400 PSI 30 MIN. MAKE UP 10 5/8" BIT & BHA, TRIP IN HOLE TO 1645'. TEST PIPE RAMS, ANULLAR & MUD LINE BACK TO PUMP, 300 PSI LOW, 1500 PSI HIGH. BOP DRILL WITH NIGHT CREW. DRILL FLOAT COLLAR & CEMENT, TAG FLOAT @ 1764'. DRILLING 10 5/8" INT, HOLE 1808' TO 1970' (162' @ 81 FPH), WOB=5-25, ROT=55-70. RIG SERVICE. DRILLING 10 5/8" INT. HOLE 1970' TO 2287' (317' @ 105.66 FPH), WOB=25, ROT=70. WLS 1/2" @ 2244'. DRILLING 10 5/8" INT HOLE 2287' TO 2540' (253' @ 92 FPH), WOB=25, ROT=70.

REPORT DATE: 06/24/2012 MD: 4,474 TVD: 4,474 DAYS: 5 MW: 10 VISC: 29DAILY : DC: \$20,550CC: \$0TC: \$20,550CUM : DC: \$359,999CC: \$0TC: \$359,999

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. BOP DRILL WELL SECURE IN 1 MIN & 5 SEC. DRILLING 10 5/8" INT HOLE 2540' TO 2794' (254' @ 169.33 FPH), WT=25, ROT=90. WLS 1" @ 2750'. DRILLING 10 5/8" INT HOLE 2794' TO 3301' (507' @ 81.12 FPH), WT=20, ROT=90. RIG SERVICE FUNCTION TEST PIPE RAMS & STABING VALVE. WLS 1/4" @ 3258'. DRILLING 10 5/8" INT HOLE 3301' TO 3808' (507' @ 78 FPH), WT=27, ROT=90. WLS 3/4" @ 3766'. DRILLING 10 5/8" INT HOLE 3808' TO 3999' (191' @ 84.88 FPH), WT=27, ROT=90. RIG SERVICE FUNCTION TEST PIPE RAMS 4 SEC CLOSE/OPEN. DRILLING 10 5/8" INT HOLE 3999' TO 4316' (317' @ 105.66 FPH), WT=27, ROT=90. WLS 1/4" @ 4274'. DRILLING 10 5/8" INT HOLE 4316' TO 4474' (158' @ 63.2 FPH), WT=27, ROT=90.

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REPORT DATE: 06/25/2012 MD: 5.065 TVD: 5.065 DAYS: 6 MW: 10 VISC: 29
DAILY : DC: \$25,000CC: \$0TC: \$25,000CUM : DC: \$384,999CC: \$0TC: \$384,999

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. DRILLING 10 5/8" INT HOLE 4474' TO 4570' (96' @ 64 FPH), WT=25, ROT=90. RIG SERVICE. DRILLING 10 5/8" INT HOLE 4570' TO 4600' (30' @ 60 FPH), WT=30, ROT=90. INSTALL ROTATING HEAD. DRILLING 10 5/8" INT HOLE 4600' TO 4823' (223' @ 52.47 FPH), WT=30, ROT=90. WLS 1 1/4" @ 4779'. DRILLING 10 5/8" INT HOLE 4823' TO 5065' (242' @ 32.26 FPH), WT=30, ROT=90. CIRCULATE/CONDITION HOLE. WLS 1/4" @ 5033'. CIRCULATE/CONDITION HOLE TO RUN INT CASING. TRIP OUT OF HOLE TO D.C.. TRIP INSPECT 6 1/2" DC OUT (NO BAD D.C.). LAY OUT 8" DC & BHA. HAVE SAFETY MEETING WITH ALLENS CASING CREW & RIG CREW, RIG UP ALLENS & RUN 8 5/8" INT CASING 116 JTS FR:0' TO 5065', TOTAL PIPE 5075', 23 JTS HCK-55 #32 LTC & 93 JTS J-55 #32 LTC.

REPORT DATE: 06/26/2012 MD: 5.065 TVD: 5.065 DAYS: 7 MW: VISC:
DAILY : DC: \$175,862CC: \$0TC: \$175,862CUM : DC: \$560,862CC: \$0TC: \$560,862

DAILY DETAILS:

RAN 23 JTS 8 5/8" HCK-55 #32 LTC & 93 JTS J-55 #32 LTC, FR 0' TO 5065', TOTAL PIPE 5075', HCK-55 5065' TO 4071.20', CIRC @ 84', 993', 2743', 4503' & WASH THE LAST JT DOWN. TRRC TALKED TO CINDY OPER #4 17:38 PM, 6/24/2012. CIRCULATE/CONDITION HOLE. HAVE SAFETY MEETING WITH BAKER & RIG CREW, RIG UP BAKER TO 8 5/8" CASING, TEST LINES TO 3395 PSI OK, PUMP 20 BBL FRESH WATER SPACER FOLLOWED BY LEAD 1000 SX (422 BBL) 11.9 WT, 50:50 POZ "C", 10% GEL, 5% SALT, .1% FL-52, 1/4 PPS CELLO FLAKE, FOLLOWED BY TAIL 200 SX (47 BBL) 14.5 WT CLASS "C", HAD TROUBLE WITH TAIL COUGHT SAMPLE & WENT TO WEIGHT IT, BAKERS SCALE WOULD NOT LET HIM PSI UP ON THEM, IT SHOWED ONLY 12 LB, COUGHT TWO MORE SAMPLES, CALLED MIKE & LET HIM KNOW & ONE OF BAKERS HANDS CLEANED THE SCALES & FOUND SOME CEMENT, CLEANED IT OUT & WEIGHED THE SAMPLES, THEY WEIGHED 14.5+. DROPPED THE PLUG & DISPLACED WITH 306 1/2 BBL, BUMPED THE PLUG WITH 1766 PSI, BLEED BACK 1 1/2 BBL, FLOAT HELD. PRE JOB SAFETY MEETING WITH CREW. NU/ND BOP, HANG BOP SLIP HAND ARRIVED @ 20:30, SET SLIPS WEIGHT IND=150000, 80%=120000, LESS BLOCKS=10000, SET 110000 ON SLIPS. HAD TO WAIT ON BOP RING, SLIP HAND HAD TO GO GET ONE. INSTALL "B" SEC & NIPPLE UP BOP. SAFETY MEETING WITH MONAHANS NIPPLE-UP & RIG CREW. TEST BLINDS, PIPE, ANNULAR, ALL KILL LINE VALVES, ALL CHOKE MANIFOLD VALVES, HCR, & MUD LINE VALVES, 1500 HIGH, 300 LOW FOR 5 MIN EACH. HAD TO CHANGE PIPE RAMS FOUND CEMENT IN THEM.

REPORT DATE: 06/27/2012 MD: 6.032 TVD: 6.032 DAYS: 8 MW: 8.5 VISC: 28
DAILY : DC: \$50,490CC: \$0TC: \$50,490CUM : DC: \$611,352CC: \$0TC: \$611,352

DAILY DETAILS:

FINISH TESTING BOP, KELLY VALVES, ALL MUD LINE VALVES BACK TO PUMPS, 300 PSI LOW, 1500 PSI HIGH FOR 5 MIN. TEST CASING 1000 PSI FOR 5 MIN. SLIP & CUT 44' DRILL LINE. MAKE UP BIT, MOTOR & WAIT ON TELEDRIFT. TRIP IN HOLE TO 4923' & PICK UP 3 JTS TO PUT US @ 5018'. WASH TO 5020, DRILL FLOAT & CEMENT 5020' TO 5065'. DRILLING 7 7/8" PROD HOLE 5065' TO 5398' (333' @ 60.54 FPH), WT=5-25, ROT=30-45, MOTOR=453 GPM, 104 RPM. TELEDRIFT SURVEY 1/2" @ 5388'. DRILLING 7 7/8" PROD HOLE 5398' TO 5556' (158' @ 90.28 FPH), WT=25, ROT=45, MOTOR=453 GPM, 104 RPM. RIG SERVICE FUNCTION TEST ANNULAR 11 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 5556' TO 5905' (349' @ 82.11 FPH), WT=25, ROT=45, MOTOR=453 GPM, 104 RPM. TELEDRIFT SURVEY 1" @ 5895'. DRILLING 7 7/8" PROD HOLE 5905' TO 6032' (127' @ 84.66 FPH), WT=25, ROT=45, MOTOR=453 GPM, 104 RPM.

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DAILY DETAILS:

DRILLING 7 7/8" PROD HOLE 6032' TO 6223' (191' @ 95.5 FPH), WOB=25, ROT=45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 3/4" @ 6223'. DRILLING 7 7/8" PROD HOLE 6223' TO 6540' (317' @ 97.53 FPH), WOB=25, ROT=45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1/5" @ 6540'. DRILLING 7 7/8" PROD HOLE 6540' TO 6856' (316' @ 90.28 FPH), WOB=25, ROT=45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1/4" @ 6856'. RIG SERVICE FUNCTION TEST ANULLAR 14 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 6856' TO 7172' (316' @ 84.26 FPH), WOB=25, ROT=45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1/4" @ 7172'. DRILLING 7 7/8" PROD HOLE 7172' TO 7489' (317' @ 63.4 FPH), WOB=25, ROT=45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 2" @ 7489'. DRILLING 7 7/8" PROD HOLE 7489' TO 7521' (32' @ 32 FPH), WOB=15, ROT=45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1 1/4" @ 7521'. DRILLING 7 7/8" PROD HOLE 7521' TO 7616' (95' @ 42.22 FPH), WOB=15, ROT=45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1" @ 7616'. RIG SERVICE FUNCTION TEST HCR 3 SEC OPEN/CLOSE. DRILLING 7 7/8" PROD HOLE 7616' TO 7680' (64' 2 64 FPH), WOB=20, ROT=45, MOTOR=453 GPM, 131 RPM.

REPORT DATE: 06/29/2012 MD: 8,377 TVD: 8,377 DAYS: 10 MW: 8.7 VISC: 28DAILY : DC: \$20,801CC: \$0TC: \$20,801CUM : DC: \$653,879CC: \$0TC: \$653,879

DAILY DETAILS:

DRILLING 7 7/8" PROD HOLE 7680' TO 7712' (32' @ 32 FPH), WOB=25, ROT= 45, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1" @ 7703'. CONTROL DRILLING 7 7/8" PROD HOLE 7712' TO 8040' (328' @ 34.52 FPH), WOB=10-20, ROT=45-55, MOTOR=453 GPM, 131 RPM, TELEDRIFT SURVEYS=7829' 2 1/2", 7893' 2 1/2", 7925' 2 1/5", 7956' 3", 7989' 3". RIG SERVICE FUNCTION TEST PIPE RAMS 4 SEC CLOSE/OPEN. ACCUMULATED TELEDRIFT SURVEY TIME. CONTROL DRILLING 7 7/8" PROD HOLE 8040' TO 8182' (142' @ 27.04 FPH), WOB=10-17, ROT=50-60, MOTOR= 453 GPM, 131 RPM, TELEDRIFT SURVEYS=8028' 2", 8050' 2 1/4", 8088' 2", 8120' 2". ACCUMULATED TELEDRIFT SURVEY TIME. CONTROL DRILLING 7 7/8" PROD HOLE 8182' TO 8377' (195' @ 39 FPH), WOB=10-20, ROT=50-60, MOTOR= 453 GPM, 131 RPM, TELEDRIFT SURVEYS=8184' 1", 8247' 1", 8310' 1". ACCUMULATED TELEDRIFT SURVEY TIME. RIG SERVICE FUNCTION TEST ANNULAR 14 SEC CLOSE/OPEN.

REPORT DATE: 06/30/2012 MD: 9,380 TVD: 9,380 DAYS: 11 MW: 8.8 VISC: 29DAILY : DC: \$46,684CC: \$0TC: \$46,684CUM : DC: \$700,564CC: \$0TC: \$700,564

DAILY DETAILS:

DRILLING 7 7/8" PROD HOLE 8377' TO 8441' (64' @ 51.2 FPH), WT=15, ROT=60, MOROR= 453 GPM, 131 RPM. TELEDRIFT SURVEY 1" @ 8438'. DRILLING 7 7/8" PROD HOLE 8441' TO 8535' (94' @ 47 FPH), WT=15, ROT=60, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1/4" @ 8531'. DRILLING 7 7/8" PROD HOLE 8535' TO 8853' (318' @ 43.86 FPH), WT=15-20, ROT=60, MOTOR= 453 GPM, 131-RPM. TELEDRIFT SURVEY 1" @ 8843'. RIG SERVICE FUNCTION TEST PIPE RAMS 4 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 8853' TO 9170' (317' @ 45.28 FPH), WT=20, ROT=60, MOTOR=453-GPM, 131-RPM. TELEDRIFT SURVEY 11/4" @ 9166'. DRILLING 7 7/8" PROD HOLE 9170' TO 9265' (95' @ 42.22 FPH), WT=15-20, ROT=60, MOTOR=453-GPM, 131-RPM. RIG SERVICE FUNCTION TEST ANNULAR 14 SEC CLOSE/OPEN. TELEDRIFT SURVEY 3/4" @ 9261'. DRILLING 7 7/8" PROD HOLE 9265' TO 9380' (115' @ 46 FPH), WT=15-20, ROT=60, MOTOR=453-GPM, 131-RPM.

REPORT DATE: 07/01/2012 MD: 10,248 TVD: 10,248 DAYS: 12 MW: 8.8 VISC: 28DAILY : DC: \$25,027CC: \$0TC: \$25,027CUM : DC: \$725,591CC: \$0TC: \$725,591

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. DRILLING 7 7/8" PROD HOLE 9380' TO 9645' (265' @ 40.76 FPH), WT=25, ROT=60, MOTOR=453 GPM, 131 RPM. INSTALL ROTATING HEAD. DRILLING 7 7/8" PROD HOLE 9645' TO 9740' (95' @ 29.23 FPH), WT=25, ROT=60, MOTOR=453 GPM, 131 RPM. RIG SERVICE FUNCTION TEST HCR 2 SEC OPEN/CLOSE. TELEDRIFT SURVEY 1" @ 9732'. DRILLING 7 7/8" PROD HOLE 9740' TO 10216' (476' @ 39.66 FPH), WT=20-28, ROT=55-60, MOTOR=453 GPM, 131 RPM. TELEDRIFT SURVEY 1 1/4" @ 10207'. RIG SERVICE FUNCYION TEST ANNULAR 14 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 10216' TO 10248' (32' @ 42.66 FPH), WT=28, ROT=55-60, MOTOR=453 GPM, 131 RPM.

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DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. DRILLING 7 7/8" PROD HOLE 10248' TO 10533' (285' @ 42.22 FPH), WT=20-28, ROT=55, MOTOR=453 GPM, 131 RPM. RIG SERVICE FUNCTION TEST PIPE RAMS 4 SEC CLOSE/OPEN. TELEDIFT SURVEY 1 1/2" @ 10526'. DRILLING 7 7/8" PROD HOLE 10533' TO 10615' (82' @ 32.8 FPH), WT=20-28, ROT=55, MOTOR=453 GPM, 131 RPM. CALIBRATE TELEDIFT SURVEY 3/4" @ 10604'. DRILLING 7 7/8" PROD HOLE 10615' TO 10799' (184' @ 28.30 FPH), WT=28, ROT=55, MOTOR=453 GPM, 131 RPM. RIG SERVICE INSPECT PUMPS DUE TO LOST PRESSURE. PUMP SOFT LINE TO SEE IF WE GET A HIT, NO PRESSURE INCREASE IN PRESSURE, KICK PUMP OUT & FLOW CHECK, WELL HAD A FLOW. CIRCULATE BOTTOMS UP THROUGH GAS SEPERATOR NO FLARE PUMP 100 BBL #10 BRINE, NO FLOW. TRIP OUT DUE TO HOLE OR CRACKED DC TO 4992'. FLOW CHECK, WELL FLOWING 6 GPM. PUMP 83 BBL #10 BRINE TO STOP FLOW. FLOW CHECK NO FLOW.

REPORT DATE: 07/03/2012 MD: 11,039 TVD: 11,039 DAYS: 14 MW: 8.9 VISC: 33DAILY : DC: \$24,833CC: \$0TC: \$24,833CUM : DC: \$774,227CC: \$0TC: \$774,227

DAILY DETAILS:

TRIP OUT 20 STANDS DP. PUMP 20 BBL #10 BRINE FLOW CHECK NO FLOW. TRIP OUT OF HOLE & LAY OUT MOTOR & BIT. RIG SERVICE FUNCTION TEST BOP. MAKE UP NEW BIT, MOTOR & TRIP INSPECT BHA INTO HOLE, (FOUND NO BAD DC OR HEAVY WEIGHT DP). TRIP IN HOLE TO SHOE 5000'. CREW HAND OVER & SAFETY MEETING. SLIP & CUT 48' OF DRILL LINE. FLOW CHECK, NO FLOW PICK UP KELLY & FILL PIPE. TRIP IN HOLE 5000' TO 8966'. CIRCULATE BOTTOMS UP THROUGH SEPERATOR HAD A 3'-5' FLARE, (DERRICKMANS H2S MONITOR WENT TO HIGH LEVEL). TRIP IN HOLE 8966' TO 10743'. WASH/REAM 10743' TO 10799' ON PROBLEMS. DRILLING 7 7/8" PROD HOLE 10799' TO 11039' (240' @ 41.73 FPH), WT=5-25, ROT=55, MOTOR=453 GPM, 131 RPM, HAD A 5'-15' FLARE FOR BOTTOMS UP. RIG SERVICE FUNCTION TEST PIPE RAMS 4 SEC CLOSE/OPEN.

REPORT DATE: 07/04/2012 MD: 11,480 TVD: 11,480 DAYS: 15 MW: 8.85 VISC: 32DAILY : DC: \$23,801CC: \$0TC: \$23,801CUM : DC: \$798,029CC: \$0TC: \$798,029

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. DRILLING 7 7/8" PROD HOLE 11039' TO 11103' (64' @ 32 FPH), WT=20, ROT=55, MOTOR=453 GPM, 131 RPM. TELEDIFT SURVEY 1 1/4" @ 11091'. DRILLING 7 7/8" PROD HOLE 11103' TO 11357' (254' @ 33.86 FPH), WT=20, ROT=55, MOTOR=453 GPM, 131 RPM. RIG SERVICE FUNCTION TEST STABING VALVE. DRILLING 7 7/8" PROD HOLE 11357' TO 11480' T.D.(123' @ 21.39 FPH), WT=20, ROT=55, MOTOR=453 GPM, 131 RPM. RIG SERVICE FUNCTION TEST HCR 3 SEC OPEN/CLOSE. CIRCULATE/CONDITION HOLE TO LAY DOWN DP. TELEDIFT SURVEY 1 1/2" @ 11480'. FLOW CHECK (NO FLOW), PUMP 100 BBL #10 BRINE. LAY OUT 10 JTS DP. FLOW CHECK (NO FLOW). LAY DOWN DP, 60 JTS. FLOW CHECK (HAD JUST A TRICKEL), PUMP 80 BBL #10 BRINE. LAY DOWN DP.

REPORT DATE: 07/05/2012 MD: 11,480 TVD: 11,480 DAYS: 16 MW: 9 VISC: 34DAILY : DC: \$207,723CC: \$0TC: \$207,723CUM : DC: \$1,005,752CC: \$0TC: \$1,005,752

DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. TRIP OUT 62 STD TO GET ABOVE SAN ANDRES. PUMP 70 BBL #10 BRINE & FLOW CHECK, NO FLOW. LAY OUT 20 JTS. PUMP 30 BBL #10 BRINE, FLOW CHECK NO FLOW. LAY DOWN DP TO HEAVEY WEIGHT DP, FLOW CHECK, NO FLOW. TRIP 62 STANDS OUT OF DERRICK BACK INTO HOLE, FLOW CHECK, NO FLOW. LAY DOWN DRILL PIPE TO BHA, FLOW CHECK, NO FLOW. CREW HAND OVER & SAFETY MEETING. PICK UP KELLY & BRAKE, REMOVE ROTATING HEAD. LAY DOWN BHA. HAVE SAFETY MEETING WITH ARCHER CASING CREW & RIG CREW, RIG UP ARCHER CASING. CREW. RUN 262 JTS 5 1/2" N-80 #17 LTC CASING, 0' TO 11480', TOTAL PIPE=11489.64', MARKER JOINTS @ 9672' & 8612', FLINT COAT N-80 F/8612' TO 4958', CASING SET @ 11480', CIRCULATE AT 69', 1852', 3581', 5262' CIRC 2 HRS, 163 JTS IN HOLE AT REPORT TIME.

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MW:

VISC:

DAILY : DC: \$103,917CC: \$0TC: \$103,917CUM : DC: \$1,109,669CC: \$0TC: \$1,109,669**DAILY DETAILS:**

RUN 99 JTS 5 1/2" N-80 #17 CASING 6973' TO 11480', WASH LAST JT DOWN, CIRC @ 6973', 8778', 10585', 11037', TIME CIRCULATED 1 HR. RIG DOWN CASING CREW. CIRCULATE CASING, HAD A 6' FLARE UNTIL 6800 STKS, FLARE DIED, CIRC UNTIL GOOD WATER GOT TO LOCATION, CHLORIDES 3000 TO HIGH TO CEMENT WITH WATER IN RIG TANKS & FIRST TRUCK LOAD OF WATER. HAVE SAFETY MEETING WITH BAKER & RIG CREW, WITNESSED & CONFIRMED ACETIC ACID TITRATION 10.9%, SG=1.03, PH=2, COL=500, RIG BAKER UP TO 5 1/2" CASING, TEST LINES TO 4856 PSI OK, START CEMENT JOB, 10 BBL FRESH WATER, 100 BBL AQUAFRAC 5000, 15 #BBL LCM-1 + .8# BBL CF+BIOCIDE, 10 BBL FRESH WATER, 24 BBL SURE BOND III, 20 BBL FRESH WATER FOLLOWED BY LEAD 650 SX (197 BBL) 12.5 PPG, 60% POZ 40% CLASS "C", .5% SMS, .4% FL-62, .5% FL-52A, 1% R-3, 2 PPS KOL-SEAL & 1/8 PPS CELLOFLAKE, PUMP TIME 5 HR & 5 MIN.

TAIL 450 SX (101 BBL) 14.2 PPG, 50:50 H POZ, 2% GEL, .005 GPS FP13L, .2% FL-52A PUMP TIME 3 HR & 41 MIN. DROP PLUG & DISPLACE WITH 24 BBL ACETIC ACID & 246 BBL FRESH WATER 3 BBL OVER, BLEED BACK 2 BBL, BUMP PLUG @ 17:55 PM WITH 2475 PSI, COULD NOT HOLD PSI VALVE ON TRUCK LEAKING BACK, FLOATS HELD, RIG OUT BAKER. HAVE SAFETY MEETING & NIPPLE DOWN TO SET SLIPS ON 5 1/2" CASING. SET SLIPS ON 5 1/2" CASING, STRING WT=165,000, 80%=132,000, LESS BLOCKS 10,000, SET 123,000 ON SLIPS. SET OUT BOP & RELEASE RIG 22:00 PM 07/05/2012. RIG DOWN ON UNIVERSITY CAMILLE 113.

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113DIVISION: TEXASEVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTX

CONTRACTOR :

WI % : 100.0000 AFE # : 001458API # : 42-003-44219PLAN DEPTH : 11,480SPUD DATE : 06/20/2012DHC : \$1,082,295CWC : \$1,189,905AFE TOTAL : \$2,272,200FORMATION: HIT**REPORT DATE:** 08/02/2012 MD: 0TVD: 0

DAYS:

MW:

VISC:

DAILY : DC: \$0CC: \$5,717TC: \$5,717CUM : DC: \$0CC: \$5,717TC: \$5,717

DAILY DETAILS:

RU HALLIBURTON ON A CRANE TRUCK. GIH W/ A GR/CNL/RCBL TOOL STRING. FOUND TD AT 11,359' WL DEPTH. LOGGED A 300' REPEAT SECTION. MAIN PASS LOGGED A GR/CNL FROM 11,357'. LOGGED A GR/RCBL FROM 4500' TO 3100'. FOUND TOC AT 3350'. POOH RD.

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113DIVISION: TEXASEVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTX

CONTRACTOR :

WI % : 100.0000 AFE # : 001458API # : 42-003-44219PLAN DEPTH : 11,480SPUD DATE : 06/20/2012DHC : \$1,082,295CWC : \$1,189,905AFE TOTAL : \$2,272,200FORMATION: HITREPORT DATE: 08/23/2012 MD: 11,480TVD: 0

DAYS:

MW:

VISC:

DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$5,717TC: \$5,717

DAILY DETAILS:

(STAGE #1: ATOKA 1) THURSDAY AUG-23-2012, MIRU CASED HOLE SOLUTIONS WL, HELD SAFETY MEETING, RIH & PERFORATE STAGE #1, 11,260'-11,270', 6 SPF, 60 HOLES, 11,300'- 11,310', 6 SPF, 60 HOLES, 11,350'- 11,360', 6 SPF, 60 HOLES, 180 HOLES TOTAL, MIRU BAKER HUGHES & HELD SAFETY MEETING, PRESSURE TEST LINES TO 7500 PSI, IWHP= 202 PSI, SDH @ 07:20 HRS, PUMP 500 GALS 20# LINEAR BK DWN 5 BPM @ 4405 PSI, SPEAR HEAD 3000 GALS 10% HCL ACID 29 BPM @ 5096 PSI, SHUT DOWN, LEAK ON TREATING LINE, INCREASE RATE AFTER ACID ON FORMATION, PUMP 30,000 GALS 20# XLG PAD 59.6 BPM @ 5823 PSI, PUMP 26,000 GALS 20# XLG w/ 1.0# 20/40 ATLAS CRC SAND 70 BPM @ 5628 PSI, PUMP 21,000 GALS 20# XLG w/ 1.5# 20/40 ATLAS CRC SAND 70.1 BPM @ 5577 PSI, PUMP 25,000 GALS 20# XLG w/ 2.0# 20/40 ATLAS CRC SAND 70.1 BPM @ 5584 PSI, PUMP 17,000 GALS 20# XLG w/ 2.5# 20/40 ATLAS CRC SAND 70.3 BPM @ 5562 PSI, SPOT 2,000 GALS 10% HCL ACID 39.9 BPM @ 4702 PSI, PUMP 20# LINEAR GEL FLUSH 67.1 BPM @ 5982 PSI, WE DID NOT PUMP THE 3# SAND STAGE, RAN OUT OF SAND, BAKER WAS SHORT ON SAND AND DID NOT NOTICE UNTIL AFTER STAGE WAS PUMPED, RAN BJ SCALESORB 3 IN ALL ODD STAGES AND SPRABERRY STAGES, SHUT DOWN @ 08:45 HRS, ISIP= 4633 PSI, FG=0.85, MAX PSI= 6020 PSI, AVG PSI= 5628 PSI, MAX RATE= 70.3 BPM, AVG RATE= 70.1 BPM, TLTR= 3181 BBLs, TOTAL SAND= 150,000#, RIH SET CBP @ 11,220' & PERFORATE STAGE #2 @ 11,140'- 11,160', 6 SPF, 120 HOLES----- (STAGE #2: STRAWN 2) IWHP= 1793 PSI, SDH @ 10:00 HRS, PUMP 500 GALS 10# LINEAR BK DWN 5 BPM @ 4716 PSI, SPEAR HEAD 3000 GALS 10% HCL ACID 33.4 BPM @ 6122 PSI, PUMP 27,000 10# XLG PAD 58.3 BPM @ 6122 PSI, INCREASED GEL LOADING TO A 15# SYSTEM, PSI HIGH, EXTENDED PAD TO ALLOW GEL TO COME AROUND, PUMP 20,000 GALS 15# XLG w/ .25# 100 MESH SAND 59.4 BPM @ 6214 PSI, PUMP 22,000 GALS 15# XLG w/ 0.5# 100 MESH SAND 59.3 BPM @ 6210 PSI, PUMP 20,000 GALS 15# XLG w/ .7# 100 MESH SAND 59.4 BPM @ 6206 PSI, PUMP 30,000 GALS 25# XLG PAD 59.3 BPM @ 6308 PSI, PUMP 30,000 GALS 25# XLG w/ 0.3# 40/70 WHITE SAND 59.4 BPM @ 6341 PSI, PUMP 30,000 GALS 25# XLG w/ 0.5# 40/70 WHITE SAND 52 BPM @ 6108 PSI, PUMP SHUT DOWN ON .5# SAND STAGE, CUT SAND PSI ON THE INCREASE, CALLED OFFICE AND DECISION WAS MADE TO MOVE ON TO NEXT ZONE, SPOT 2,000 GALS 10% HCL ACID 45.9 BPM @ 5902 PSI, PUMP 25# LINEAR GEL FLUSH 48.2 BPM @ 6159 PSI, SHUT DOWN @ 11:35 HRS, ISIP= 4499 PSI, FG=0.89, MAX PSI= 6460 PSI, AVG PSI= 6216 PSI, MAX RATE= 59.4 BPM, AVG RATE= 58.2 BPM, TLTR= 5226 BBLs, TOTAL SAND= 67,000#, RIH SET CBP @ 11,110' & PERFORATE STAGE #3 @ 11,040' - 11,060', 6 SPF, 120 HOLES----- (STAGE #3: STRAWN 3) IWHP= 3076 PSI, SDH @ 12:50 HRS, PUMP 500 GALS 10# LINEAR BK DWN 6 BPM @ 3076 PSI, SPEAR HEAD 3000 GALS 10% HCL ACID 35.7 BPM @ 4123 PSI, PUMP 20,000 10# XLG PAD 70.7 BPM @ 4958 PSI, PUMP 20,000 GALS 10# XLG w/ .25# 100 MESH SAND 70.6 BPM @ 5031 PSI, PUMP 22,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 70.6 BPM @ 5031 PSI, PUMP 20,000 GALS 10# XLG w/ .7# 100 MESH SAND 70.7 BPM @ 4874 PSI, PUMP 30,000 GALS 25# XLG PAD ? BPM @ ? PSI, HAD TO TAKE PUMP OFF LINE ON .3# SAND STAGE, MADE UP RATE w/ THE OTHER PUMPS, PUMP 30,000 GALS 25# XLG w/ 0.3# 40/70 WHITE SAND 71.6 BPM @ 5105 PSI, PUMP 30,000 GALS 25# XLG w/ 0.5# 40/70 WHITE SAND 71.5 BPM @ 5075 PSI, PUMP 30,000 GALS 25# XLG w/ 0.7# 40/70 WHITE SAND 71.7 BPM @ 5070 PSI, PUMP 39,000 GALS 25# XLG w/ 1.0# 40/70 WHITE SAND 71.7 BPM @ 5070 PSI, PUMPED THE EXTRA 40/70 WHITE SAND THAT WAS NOT PUMPED INTO STAGE #2, SPOT 2,000 GALS 10% HCL ACID 44.5 BPM @ 4073 PSI, PUMP 25# LINEAR GEL FLUSH 70.3 BPM @ 4995 PSI, SHUT DOWN @ 14:20 HRS, ISIP= 3195 PSI, FG=0.75, MAX PSI= 5105 PSI, AVG PSI= 5027 PSI, MAX RATE= 71.7 BPM, AVG RATE= 71.1 BPM, TLTR= 6079 BBLs, TOTAL SAND= 114,000#, RIH SET CBP @ 10,980' & PERFORATE STAGE #4 @ 10,870' - 10,890', 4 SPF, 80 HOLES----- (STAGE #4: CLINE 1) IWHP= 2973 PSI, SDH @ 15:30 HRS, PUMP 500 GALS 10# LINEAR BK DWN 6 BPM @ 3297 PSI, PUMP 20,000 10# XLG PAD 72.2 BPM @ 5309 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 72.1 BPM @ 5217 PSI, PUMP 14,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 72.2 BPM @ 5156 PSI, PUMP 13,000 GALS 10# XLG w/ .7# 100 MESH SAND 72.1 BPM @ 5114 PSI, PUMP 20,000 GALS 20# XLG PAD 72.1 BPM @ 5323 PSI, PUMP 25,500 GALS 20# XLG w/ 1.0# 30/50 WHITE SAND 72.1 BPM @ 5037 PSI, PUMP 35,000 GALS 20# XLG w/ 2.0# 30/50 WHITE SAND 72.1 BPM @ 4808 PSI, PUMP 33,000 GALS 20# XLG w/ 2.5# 30/50 WHITE SAND 72.1 BPM @ 4790 PSI, PUMP 20,000 GALS 20# XLG w/ 3.0# 30/50 WHITE SAND 72.1 BPM @ 4704 PSI, PUMP 9,000 GALS 20# XLG w/ 4.0# 30/50 WHITE SAND 72.1 BPM @ 5020 PSI, CUT SAND NOLTE ON SHARP INCREASE, SPOT 2,000 GALS 10% HCL ACID 44.6 BPM @ 3822 PSI, PUMP 20# LINEAR GEL FLUSH 67.7 BPM @ 5174 PSI, SHUT DOWN @ 16:50 HRS, ISIP= 3218 PSI, FG=0.73, MAX PSI= 5323 PSI, AVG PSI= 5048 PSI, MAX RATE= 72.2 BPM, AVG RATE= 72.1 BPM, TLTR= 5082 BBLs, TOTAL SAND= 294,000#, RIH SET CBP @ 10,540' & PERFORATE STAGE #5 @ 10,460' - 10,480', 4 SPF, 80 HOLES----- (STAGE #5: LOWER WOLFCAMP 2) IWHP= 1395 PSI, SDH @ 17:55 HRS, PUMP 500 GALS 10# LINEAR BK DWN 4 BPM @ 3188 PSI, PUMP 20,000 10# XLG PAD 71.7 BPM @ 4703 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 71.9 BPM @ 4597 PSI, PUMP 14,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 71.6 BPM @ 4394 PSI, PUMP 13,000 GALS 10# XLG w/ .7# 100 MESH SAND 71.7 BPM @ 4270 PSI, PUMP 20,000 GALS 20# XLG PAD 71.8 BPM @ 4256 PSI, PUMP 30,000 GALS 20# XLG w/ 0.5# 20/40 WHITE SAND 71.7 BPM @ 4204 PSI, PUMP 30,000 GALS 20# XLG w/ 1.0# 20/40 WHITE SAND 71.8 BPM @ 4049 PSI, PUMP 30,000 GALS 20# XLG w/ 1.5# 20/40 WHITE SAND 71.8 BPM @ 3984 PSI, PUMP 15,000 GALS 20# XLG w/ 2.0# 20/40 WHITE SAND 71.6 BPM @ 3908 PSI, SPOT 2,000 GALS 10% HCL ACID 45 BPM @ 2940 PSI, PUMP 20# LINEAR GEL FLUSH 67.4 BPM @ 3947 PSI, SHUT DOWN @ 19:05 HRS, ISIP= 2332 PSI, FG=0.66, MAX PSI= 4703 PSI, AVG PSI= 4263 PSI, MAX RATE= 71.9 BPM, AVG RATE= 71.7 BPM, TLTR= 4660 BBLs,

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113

 DIVISION: TEXAS

 EVENT: 2

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : BEND 11,500'

 COUNTY & STATE : Andrews
TX

CONTRACTOR :

 WI % : 100.0000 AFE # : 001458

 API # : 42-003-44219

 PLAN DEPTH : 11,480

 SPUD DATE : 06/20/2012

 DHC : \$1,082,295

 CWC : \$1,189,905

 AFE TOTAL : \$2,272,200

 FORMATION: HIT

TOTAL SAND= 140,000#, RIH SET CBP @ 10,340' & PERFORATE STAGE #6 @ 10,240' - 10,260', 4 SPF, 80 HOLES----
 (STAGE #6: LOWER WOLFCAMP 1) IWHP= 2250 PSI, SDH @ 20:05 HRS, PUMP 500 GALS 10# LINEAR BK DWN 5 BPM
 @ 2371 PSI, PUMP 20,000 10# XLG PAD 72 BPM @ 4030 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 72.1
 BPM @ 3971 PSI, PUMP 14,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 72 BPM @ 3926 PSI, PUMP 13,000 GALS 10#
 XLG w/ .7# 100 MESH SAND 72.1 BPM @ 3880 PSI, PUMP 20,000 GALS 20# XLG PAD 72.1 BPM @ 4104 PSI, PUMP
 30,000 GALS 20# XLG w/ 0.5# 20/40 WHITE SAND 72 BPM @ 3987 PSI, PUMP 30,000 GALS 20# XLG w/ 1.0# 20/40
 WHITE SAND 72.2 BPM @ 3856 PSI, PUMP 30,000 GALS 20# XLG w/ 1.5# 20/40 WHITE SAND 72.3 BPM @ 3761 PSI,
 PUMP 15,000 GALS 20# XLG w/ 2.0# 20/40 WHITE SAND 72.1 BPM @ 3715 PSI, SPOT 2,000 GALS 15% HCL ACID 44.7
 BPM @ 2875 PSI, PUMP 20# LINEAR GEL FLUSH 72 BPM @ 4007 PSI, SHUT DOWN @ 21:10 HRS, ISIP= 2071 PSI,
 FG=0.64, MAX PSI= 4104 PSI, AVG PSI= 3914 PSI, MAX RATE= 72.3 BPM, AVG RATE= 72.1 BPM, TLTR= 4656 BBLS,
 TOTAL SAND= 140,000#, RIH SET CBP @ 10,160' & PERFORATE STAGE #7 @ 10,070' - 10,090', 4 SPF, 80 HOLES, SWI,
 SDFN, WILL RESUME FRIDAY 8/24/2012.

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113DIVISION: TEXASEVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTX

CONTRACTOR :

WI % : 100.0000 AFE # : 001458API # : 42-003-44219PLAN DEPTH : 11,480SPUD DATE : 06/20/2012DHC : \$1,082,295CWC : \$1,189,905AFE TOTAL : \$2,272,200FORMATION: HIT**REPORT DATE:** 08/24/2012 MD: 11,480TVD: 0

DAYS:

MW:

VISC:

DAILY : DC: \$0CC: \$871,549TC: \$871,549CUM : DC: \$0CC: \$877,266TC: \$877,266

DAILY DETAILS:

(STAGE #7: UPPER WOLFCAMP 2) FRIDAY 8/24/2012, CASEDHOLE WL, BAKER HUGHES PUMPING, SAFETY MEETING, IWHP= 2250 PSI, SDH @ 05:45 HRS, PUMP 500 GALS 20# LINEAR BK DWN 4 BPM @ 3069 PSI, PUMP 25,000 GALS 20# XLG PAD 72.3 BPM @ 4866 PSI, PUMP 40,000 GALS 20# XLG w/ 0.5# 20/40 WHITE SAND 72.4 BPM @ 4605 PSI, PUMP 70,000 GALS 20# XLG w/ 1# 20/40 WHITE SAND 72.4 BPM @ 4423 PSI, PUMP 30,000 GALS 20# XLG w/ 2# 20/40 WHITE SAND 72.5 BPM @ 4214 PSI, SPOT 2,000 GALS 10% HCL ACID 44.5 BPM @ 3222 PSI, PUMP 20# LINEAR GEL FLUSH 72.3 BPM @ 4478 PSI, SHUT DOWN @ 06:45 HRS, ISIP= 3746 PSI, FG=0.81, MAX PSI= 5632 PSI, AVG PSI= 4527 PSI, MAX RATE= 72.5 BPM, AVG RATE= 72.4 BPM, TLTR= 4177 BBLS, TOTAL SAND=150,000#, RIH SET CBP @ 10,030' & PERFORATE STAGE #8 @ 9,930' - 9,950', 4 SPF, 80 HOLES----- (STAGE #8: UPPER WOLFCAMP 1) IWHP= 2422 PSI, SDH @ 08:00 HRS, PUMP 500 GALS 20# LINEAR BK DWN 9 BPM @ 3093 PSI, PUMP 25,000 GALS 20# XLG PAD 72.1 BPM @ 5037 PSI, PUMP 102,100 GALS 20# XLG w/ 0.5# 20/40 WHITE SAND 63 BPM @ 5780 PSI, PSI ON THE INCREASE, HOLD .5# SAND, CUT SAND, CALLED OFFICE AND DECISION WAS MADE TO RE-PERF STAGE #8 @ 9,830' - 9,850', 4 SPF, 80 HOLES, SPOT 2,000 GALS 10% HCL ACID 44 BPM @ 5391 PSI, PUMP 20# LINEAR GEL FLUSH 44 BPM @ 5903 PSI, SHUT DOWN @ 08:50 HRS, ISIP= 5053 PSI, FG=0.95, IWHP= 2815 PSI, SDH @ 10:00 HRS, PUMP 500 GALS 20# LINEAR BK DWN 9 BPM @ 3040 PSI, PUMP 25,000 GALS 20# XLG PAD 72.5 BPM @ 4409 PSI, PUMP 122,100 GALS 20# XLG w/ 0.5# 20/40 WHITE SAND 72.5 BPM @ 4243 PSI, PUMP 10,000 GALS 20# XLG w/ 1# 20/40 WHITE SAND 72.5 BPM @ 4095 PSI, PUMP 40,000 GALS 20# XLG w/ 2# 20/40 WHITE SAND 72.6 BPM @ 3905 PSI, SPOT 2,000 GALS 10% HCL ACID 44.8 BPM @ 2882 PSI, PUMP 20# LINEAR GEL FLUSH 72.5 BPM @ 4114 PSI, SHUT DOWN @ 10:40 HRS, ISIP= 2124 PSI, FG=0.65, MAX PSI= 4985 PSI, AVG PSI= 4163 PSI, MAX RATE= 72.6 BPM, AVG RATE= 72.5 BPM, TLTR= 5710 BBLS, TOTAL SAND=151,050#, RIH SET CBP @ 9,760' & PERFORATE STAGE #8 @ 9,670' - 9,680', 4 SPF, 40 HOLES----- (STAGE #9: LOWER SPRABERRY 2) IWHP= 1242 PSI, SDH @ 11:35 HRS, PUMP 500 GALS 15# LINEAR BK DWN 9 BPM @ 3073 PSI, PUMP 20,000 GALS 15# XLG PAD 31.6 BPM @ 3398 PSI, PUMP 20,000 GALS 15# XLG w/ 1# 20/40 BROWN SAND 31.6 BPM @ 3157 PSI, PUMP 20,000 GALS 15# XLG w/ 2# 20/40 BROWN SAND 31.7 BPM @ 2856 PSI, PUMP 10,000 GALS 15# XLG w/ 3# 20/40 BROWN SAND 31.7 BPM @ 2563 PSI, SPOT 1,500 GALS 10% HCL ACID 32 BPM @ 2741 PSI, PUMP 12# LINEAR GEL FLUSH 31.6 BPM @ 3315 PSI, SHUT DOWN @ 12:35 HRS, ISIP= 1495 PSI, FG=0.59, MAX PSI= 3398 PSI, AVG PSI= 2994 PSI, MAX RATE= 32 BPM, AVG RATE= 31.7 BPM, TLTR= 1903 BBLS, TOTAL SAND= 90,000#, RIH SET CBP @ 9,550' & PERFORATE STAGE #10 @ 9,175' - 9,178', 4 SPF, 12 HOLES, 9,252' - 9,255', 4 SPF, 12 HOLES, 9,466' - 9,469', 4 SPF 12 HOLES, 36 HOLES TOTAL----- (STAGE #10: LOWER SPRABERRY 1) IWHP= 363 PSI, SDH @ 13:30 HRS, PUMP 500 GALS 15# LINEAR BK DWN 9 BPM @ 2430 PSI, SPEARHEAD 1,000 GALS 10% HCL ACID 33 BPM @ 2573 PSI, PUMP 30,000 GALS 15# XLG PAD 55.9 BPM @ 3319 PSI, PUMP 20,000 GALS 15# XLG w/ 1# 20/40 BROWN SAND 55.6 BPM @ 2896 PSI, PUMP 40,000 GALS 15# XLG w/ 2# 20/40 BROWN SAND 55.6 BPM @ 2563 PSI, PUMP 10,000 GALS 15# XLG w/ 3# 20/40 BROWN SAND 55.8 BPM @ 2396 PSI, PUMP 15# LINEAR GEL FLUSH 54.1 BPM @ 2068 PSI, SHUT DOWN @ 14:25 HRS, ISIP= 726 PSI, FG=0.51, MAX PSI= 3319 PSI, AVG PSI= 2794 PSI, MAX RATE= 55.9 BPM, AVG RATE= 55.7 BPM, TLTR= 2630 BBLS, TOTAL SAND= 130,000#, RIH SET CBP @ 9,010' & PERFORATE STAGE #11 @ 8,871' - 8,876', 4 SPF, 20 HOLES, 8,948' - 8,953', 4 SPF, 20 HOLES, 40 HOLES TOTAL----- (STAGE #11: UPPER SPRABERRY 2) IWHP= 1083 PSI, SDH @ 15:15 HRS, PUMP 500 GALS 15# LINEAR BK DWN 9 BPM @ 1833 PSI, SPEARHEAD 1,000 GALS 10% HCL ACID 39.5 BPM @ 2451 PSI, PUMP 30,000 GALS 15# XLG PAD 55.9 BPM @ 3009 PSI, PUMP 20,000 GALS 15# XLG w/ 1# 20/40 BROWN SAND 55.8 BPM @ 2589 PSI, PUMP 40,000 GALS 15# XLG w/ 2# 20/40 BROWN SAND 53.9 BPM @ 2025 PSI, PUMP 10,000 GALS 15# XLG w/ 3# 20/40 BROWN SAND 54 BPM @ 1948 PSI, PUMP 15# LINEAR GEL FLUSH 30.3 BPM @ 1273 PSI, SHUT DOWN @ 16:10 HRS, ISIP= 1321 PSI, FG=0.59, MAX PSI= 3659 PSI, AVG PSI= 2393 PSI, MAX RATE= 55.8 BPM, AVG RATE= 54.9 BPM, TLTR= 2619 BBLS, TOTAL SAND= 130,000#, RIH SET CBP @ 8,590' & PERFORATE STAGE #12 @ 8,500' - 8,510', 4 SPF, 40 HOLES----- (STAGE #12: UPPER SPRABERRY 1) IWHP= 1095 PSI, SDH @ 17:00 HRS, PUMP 500 GALS 15# LINEAR BK DWN 6 BPM @ 1940 PSI, PUMP 20,000 GALS 15# XLG PAD 31.2 BPM @ 1879 PSI, PUMP 20,000 GALS 15# XLG w/ 1# 20/40 BROWN SAND 31.1 BPM @ 1604 PSI, PUMP 20,000 GALS 15# XLG w/ 2# 20/40 BROWN SAND 30.4 BPM @ 1232 PSI, PUMP 10,000 GALS 15# XLG w/ 3# 20/40 BROWN SAND 30 BPM @ 961 PSI, PUMP 15# LINEAR GEL FLUSH 30 BPM @ 1784 PSI, SHUT DOWN @ 17:55 HRS, ISIP= 648 PSI, FG=0.51, MAX PSI= 1940 PSI, AVG PSI= 1420 PSI, MAX RATE= 31.2 BPM, AVG RATE= 30.7 BPM, TLTR= 1876 BBLS, TOTAL SAND= 90,000#, RIH SET CAP CBP @ 8,000'

REPORT DATE: 08/30/2012 MD: 11,480TVD: 0

DAYS:

MW:

VISC:

DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$877,266TC: \$877,266

DAILY DETAILS:

ROAD RIG TO LOC SET ANCHORS RIG UP RIG,N.U.71/16"X5,000#HYD BOP.UNLOAD 141 JTS 23/8"NEW L-80 TBG,99 JTS NEWJ-55 TBG & 115 JTS USED J-55 TBG FROM MIRANDA#1705.RIH W/ 43/4"COLLAR MILL,X-O,PUMP OFF SUB,TALLEY & P.U. 186 JTS TBG TOO 6027' & SION.

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113DIVISION: TEXASEVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTX

CONTRACTOR :

WI % : 100.0000 AFE # : 001458API # : 42-003-44219PLAN DEPTH : 11,480SPUD DATE : 06/20/2012DHC : \$1,082,295CWC : \$1,189,905AFE TOTAL : \$2,272,200FORMATION: HIT**REPORT DATE:** 08/31/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$877,266TC: \$877,266**DAILY DETAILS:**

Check for press "0" open well & cont to p.u. 61 jts tbg (247) total & tag Plug#1 7992' put string check in on 245 jts. P.U. swivel on jt 247 break cir start drlg on plug at 10:10 am got 1,000# press increase on tbg & csg 250# 7 came on up to 800#psi, flow rate 4 - 500bph. Got plug drilled at 11:55am, had to ream always to Plug #2 8593' at 2:45pm, plug out 3:15pm no change in press. Csg 500# flowing rate 4-500 bph. Tag Plug#3 9,005' cir clean, lay swivel down * POOH w/ 12 stds (24) jts mill at 8236' & SDUTue.

REPORT DATE: 09/04/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$877,266TC: \$877,266**DAILY DETAILS:**

Check press 840# csg, tbg 0 open well to gas buster flowing RIH w/ 12 stds tbg, p.u. swivel on jt 278. Break cir tag Plug# 3,9010' 8:34am, plug out 10:53am, 400#psi flowing press flow rate 4-500 bph. Run down & tag 9410' fill (140') c/o too Plug #4 (9550') 10:37 am, plug out 11:35am, pump 800#, csg flowing 300#psi. Run on down & tag 9733' c/o too Plug #5 at 11:35am, plug out 11:55 am. Run down tag fill 10,010' c/o to Plug #6 12:48am, plug out 1:05pm, flow rate 3-400 bph. Run on down tag fill 10,114' c/o too Plug #7 1:47pm plug out 2:12pm flow rate 2-300bph. Run on down & tag fill 10,283' c/o to Plug #8 10,340' 3:12pm, plug out 4:07pm flow rate 2-300bph. Cir 1 hr, lay swivel down & POOH w/ 33 stds tbg w/ mill at 8236' & SION.

REPORT DATE: 09/05/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$877,266TC: \$877,266**DAILY DETAILS:**

Check for press csg 500# & tbg 0, open to gas buster flowing RIH w/ 33 stds tbg & p.u. swivel on jt 321. Run on down & tag fill 10,480' c/o to Plug #9 (10,540') 9:08 am, plug out at 11:32am, gained 100# on csg & 400# on tbg, flow rate 2-300bph. Run on down tag fill 10,943' c/o to Plug #10 (10,980') 12:35pm plug out 1:20pm, flow rate same. Run on down tag fill 11,093' c/o to Plug #11 (11,110') 2:05 pm, plug out 2:52pm, csg 300#, flow rate 3-400bph. Run on down tag Plug #12 (11,220') 3:05 pm plug out 3:24pm. Got 500# increase on tbg to 1500#psi, flow on csg 300#, 3-400 bph, had to pull 3 jts before we could rotate. Work it back down & found PBT at 11368' solid. Cir from 4:00pm until 6:00 pm clean & getting oil on gas buster pit. Lay swivel 1 jt down & POOH w/ 49 stds tbg, mill at 8204' & SION.

REPORT DATE: 09/06/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$877,266TC: \$877,266**DAILY DETAILS:**

Check press 700# on csg open well to gas buster flowing 3-400bph, getting good show oil. Cont to POOH w/ 39 jts 23/8" L-80 tbg & string check, lay down 92 jts 23/8" J-55 tbg, RIH w/ mill, pump off sub, 122 jts 23/8" J-55 tbg, 4' L-80 marker sub, 140 jts 23/8" L-80 tbg, EOT at 8432'. N.D. Hyd, BOP & land tbg, N.U. well head. Pump sub off 2600# & flush w/ 40 bbls water. Rig down job complete. PBT at 11,368'. Final Report.

REPORT DATE: 09/23/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$877,266TC: \$877,266**DAILY DETAILS:**

3 BO, 48 BW, 12 MCF

REPORT DATE: 09/24/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:DAILY : DC: \$0CC: \$0TC: \$0CUM : DC: \$0CC: \$877,266TC: \$877,266**DAILY DETAILS:**

MI RU, csg psi 120. Pumped 30 bbl brine into csg and 15 bbl brine into tbg. Tbg on vacuum, csg psi 70. Wait on brine/vacuum truck. SDFN Will have additional brine on location tomorrow

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113DIVISION: TEXASEVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTX

CONTRACTOR :

WI % : 100.0000 AFE # : 001458API # : 42-003-44219PLAN DEPTH : 11,480SPUD DATE : 06/20/2012DHC : \$1,082,295CWC : \$1,189,905AFE TOTAL : \$2,272,200FORMATION: HIT
REPORT DATE: 09/28/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$0 TC: \$0

 CUM : DC: \$0 CC: \$877,266 TC: \$877,266

DAILY DETAILS:

Csg psi = 100, tbg psi = 120. Killed well w/brine, 55 bbl/csg and 12 bbl/tbg. NU BOP, POOH/talley tbg. RIH 2 jts tbg, RU depthometer/sandline, RIH to 11,360 ft. POOH, RIH completion assy, 2 3/8 BP, 2 jts J-55 tbg, 10 ft x #3 orifice Cavens Desander, 2 3/8 x 4 ft sub, SN, 2 jts TK-99 tbg, TAC w/ CS, 82 jts tbg per proposed WBD. Secured well, SDFWE.

REPORT DATE: 10/01/2012 MD: 11,480 TVD: 0 DAYS: 0 MW: VISC:

 DAILY : DC: \$0 CC: \$0 TC: \$0

 CUM : DC: \$0 CC: \$877,266 TC: \$877,266

DAILY DETAILS:

Killed 260 psi w/55 bbl brine in csg and 12 bbl in tubing. Resume RIH tbg, ND BOP, set TAC 14,000# tensio. MU/ secure wellhead, Dropped two biocide sticks into tbg. Mixed/pumped 10 gal chemical w/ 5 bbl water, displaced w/ 25 bbl produced water & 5 bbl brine. Offloaded & prepared rods for RIH. RIH pump, stabilizer, 12 kbars, 26 3/4 x D-90 rods, 230 3/4 x N-96 rods. Rig transmission malfunction, secured well, SDFN.

REPORT DATE: 10/02/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$0 TC: \$0

 CUM : DC: \$0 CC: \$877,266 TC: \$877,266

DAILY DETAILS:

Resume RIH rods, seat pump, hang well on, load tubing w/ 1/2 bbl produced water, test 500 psi, ok. Bled off to 200 psi, activated pump unit, repressured to 500 psi w/ 3 strokes. RD unit, MO. Notified roustabout crew to tie well in.

REPORT DATE: 10/11/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$0 TC: \$0

 CUM : DC: \$0 CC: \$877,266 TC: \$877,266

DAILY DETAILS:

6 BO, 160 BW, 14 MCF

REPORT DATE: 10/25/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$0 TC: \$0

 CUM : DC: \$0 CC: \$877,266 TC: \$877,266

DAILY DETAILS:

30 BO, 172 BW, 49 MCF

REPORT DATE: 10/29/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$0 TC: \$0

 CUM : DC: \$0 CC: \$877,266 TC: \$877,266

DAILY DETAILS:

37 BO, 7 BW, 0 MCF

REPORT DATE: 11/06/2012 MD: 11,480 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$0 TC: \$0

 CUM : DC: \$0 CC: \$877,266 TC: \$877,266

DAILY DETAILS:

48 BO, 22 BW, 109 MCF

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113
DIVISION: TEXASEVENT: 3FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTX

CONTRACTOR :

WI % : 100.0000 AFE # :API # : 42-003-44219PLAN DEPTH : 11,480SPUD DATE : 06/20/2012

DHC :

CWC :

AFE TOTAL :

FORMATION: HIT
REPORT DATE: 12/03/2012 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY : DC: \$0CC: \$6,870TC: \$6,870CUM : DC: \$0CC: \$6,870TC: \$6,870

DAILY DETAILS:

SET RIG MAT , MIRN, RIG UP PUMP TRK & PMP 35 BBLS BRINE DOWN TBG TO CONFIRM TBG LEAK, WELL WENT ON VAC, PUMP 30 BBLS WTR DOWN CSG, REMOVE H.H. TOH W/ 3- PONY RODS 6' 8' 8', 300-3/4" RODS N-96, 1-2'X3/4"N-96 PONY, 26-3/4" N-90 RODS, 12- 1 1/2" K-BARS, 1-3/4" RGS, 1/1 1/2"X 20' SSP, NDWH, NUBOP, UNSET TAC , PREP SCANOLOG TBG TUES AM, SECURE WELL, SION.

REPORT DATE: 12/04/2012 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY : DC: \$0CC: \$32,277TC: \$32,277CUM : DC: \$0CC: \$39,147TC: \$39,147

DAILY DETAILS:

BLEAD PRESS OFF WELL, PUMP 20 BBLS BRINE DOWN TBG, RIG UP TUBESCOPE , SCANOLOGE 140 JTS 2 3/8" L-80 TBG ,122 JTS 2 3/8" J-5 , FOUND 5 RED L-80 ,14GREEN L-80, 40 JTS GREEN J-5, 24 RED J-5 RIG DOWN TUBESCOPE, WAITED ON NEW TK-99 TO BE DELIVERED, UNOAD 87 JTS TK-99, SECURE WELL SION.

REPORT DATE: 12/05/2012 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY : DC: \$0CC: \$5,970TC: \$5,970CUM : DC: \$0CC: \$45,117TC: \$45,117

DAILY DETAILS:

BLEAD PRESS OFF WELL, TALLEY TK-99 TBG, TIH W/ 2- JTS 2 3/8" W/ B.P. FOR M.A., 1-10' DESANDER W/# 3 ORFICE, 1-2 3/8" X4' TBG SUB, 2- JTS 2 3/8" TK-99 TBG, 1-2 3/8"X5 1/2" TACW/ CARBIDE SLIPS, 82 JTS 2 3/8" TK-99 TBG, 54 JTS 2 3/8" J-5 BLUE TBG, 2 JTS 2 3/8" J-5 YELLOW TBG, 49- JTS 2 3/8" L-80 BLUE TBG , 72 JTS 2 3/8" L-80 YELLOW TBG, NDBOP, SET TAC W/ 14 PTS PULLED, NUWH, RIG UP ROD TOOLS, TIH W/ 2"X1 1/2"X 20' SSP, 1-3/4" RGS, 12- 1 1/4" K-BARS , 26-3/4" N-90 RODS, 300-3/4" N-96 RODS, 1- 6'-8'8' PONY, 1-1 1/4"X26'PR +1 1/2"X14' PRL, SPACE OUT RODS & HUNG ON PMP UNIT, RIG UP PMP TRK TEST TBG TO 500# HELD GOOD, PUMP UP W/ PMP UNIT TO 500# HELD GOOD, SET BPV ON 200#,left well on hand. FINAL REPORT. OBJECTIVE--REPAIR TBG LEAK-FOUND SPLIT JT 253 JTS DOWN. INSTALLED 84 JTS TK-99 TO PREVENT TBG WEAR.

WELL CHRONOLOGY REPORT

WELL NAME : UNIVERSITY CAMILLE 113DIVISION: TEXAS EVENT: 4FIELD : SPRABERRY (TREND AREA)LOCATION : BEND 11,500'COUNTY & STATE : AndrewsTXCONTRACTOR : DAKOTA WELL SERVICE/FEDILWI % : 100.0000 AFE # :API # : 42-003-44219PLAN DEPTH : 11,480 SPUD DATE : 06/20/2012

DHC :

CWC :

AFE TOTAL :

FORMATION: HIT
REPORT DATE: 01/22/2013 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY : DC: \$0 CC: \$4,654 TC: \$4,654CUM : DC: \$0 CC: \$4,654 TC: \$4,654

DAILY DETAILS:

AOL & MI RIG MAT & RU WSU & BLED WELL INTO VACUUM TRK & UNHUNG UNITS HEAD. LAID DOWN PR & RU FLOOR & POH WITH 202 3/4" N-96 & WAS PARTED @ THE UPSET OF THE 202 ROD. PU RIH WITH A 1-5/8" FISHING TOOL & RIH & LATCHED ONTO FISH. UNSEATED PUMP & POH SLOWLY WITH FISH. LAID DOWN FISH & FINISH COMING OUT WITH RODS. HAD IN THE HOLE 300 3/4" N-96, 26 D-90 3/4", 12 1-1/4" K-BARS & 2"X1.5"X20 PUMP. SDFN CHANGE ROD DESIGN

REPORT DATE: 01/23/2013 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY : DC: \$0 CC: \$5,254 TC: \$5,254CUM : DC: \$0 CC: \$9,908 TC: \$9,908

DAILY DETAILS:

AOL & CHKD TBG PRES 50 PSI. BLED PRES DOWN TO 0. OPEN TBG RU ROD STRIPER HEAD. PU RIH 2"X1-1/4"X20' PUMP & 4'X3/4" G/S, 12 1.25" K-BARS, 26 3/4" D-90 RODS RIH CHKG THE N-96 RODS AFTER CLEANING PARAFFIN OFF OF THE BODY OF THE RODS FOUND THE BOTTOM 214 N-96 RODS WITH PITTS AROUND THE FLAT PART WHERE ROD WRENCH GOES & ON THE BODY. LAID ALL 300 N-96 & HUNG THE 26 D-90 IN DEREK. LAID DOWN THE 12 K-BARS & PUMP ON GROUND. POUR 5 GALS OF BICITE & 6 STICKS OF CORRISION INHIPTTER IN TBG & SDFN.

REPORT DATE: 01/24/2013 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY : DC: \$0 CC: \$5,254 TC: \$5,254CUM : DC: \$0 CC: \$15,162 TC: \$15,162

DAILY DETAILS:

AOL & CHKD TBG PRES 50 PSI. BLED DOWN TO 0. PU A 2"X1.25"X20' PUMP WITH A 4'X3/4" G/S, 12 1.25" K-BARS, RIH OUT OF THE DEREK WITH 26 D-90 3/4" RODS, 123 NEW 3/4" D-90 W/FHSM, 1 2'X3/4" N-97 PONY SUB, 177 3/4" N-97 RODS W/FHSM, 1-8'X6'X4'X4' 3/4" PONY SUBS. PU POLISH ROD & HUNG THE UNITS HEAD & HUNG WELL ON. RU PUMP TRK & LOADED TBG WITH 17 BBLs OF PW. PRES UP TO 500 PSI HELD GOOD. BLED WELL DOWN TO 50 PSI & CHKD PUMP ACTION PUMPED UP TO 500 PSI IN 5 STRKS GOOD PUMP ACTION. RD PUMP TRK & WSU & PUT WELL ON HAND CALLED JERRY & NOTIFIED HIM WELL WAS PUMPING ON HAND. MOVE RIG TO THE MATTIE 2010.

RODS:

1-4'X4'X6'X8' 3/4" P/S:	22'
177- 3/4" N-97 RDS/FHSM:	4425'
1-3/4"X2' P/S	2'
149-3/4" D-90 RDS/FHSM:	3725'
12-1.25" K-BARS:	300'
1-2'X3/4" G/S:	2'
2"X1.25"X20 PUMP:	20'
	8496'