

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**DIVISION: TEXAS EVENT: 1FIELD : SPRABERRY (TREND AREA)LOCATION : SEC 1, BLK 3, 1980' N, 1760' WCOUNTY & STATE : AndrewsTXCONTRACTOR : CANELSONWI % : 100.0000 AFE # : 001331API # : 42-003-44217PLAN DEPTH : 11,500SPUD DATE : 09/05/2012DHC : \$1,032,295CWC : \$1,189,905AFE TOTAL : \$2,222,200FORMATION: RP**REPORT DATE:** 09/06/2012 MD: 677 TVD: 677 DAYS: 1 MW: 9.1 VISC: 31DAILY : DC: \$168,374CC: \$0TC: \$168,374CUM : DC: \$168,374CC: \$0TC: \$168,374

## DAILY DETAILS:

MOB/DEMOB, HOOPER COULD NOT GET TO US THEY RUN INTO A PROBLEM. HAVE SAFETY MEETING WITH HOOPER TRUCKING & RIG CREW. RIG DOWN & MOVE OFF THE UNIVERSITY FRANCES 4014. MOVE IN & RIG UP ON THE UNIVERSITY CAMILLE 106. WAIT ON WATER, (COW GOT INTO THE RESERVE & RIPPED THE PLASTIC). HAVE PRE SPUD MEETING & INSPECTION. DRILLING 12 1/4 SURFACE HOLE 40' TO 304' (264' @ 70.4 FPH) WT=ALL, ROT=90. RIG SERVICE. WIRE LINE SURVEY 1/4" @ 261'. DRILLING 12 1/4" SURFACE HOLE 304' TO 677' (373' @ 99.46 FPH) WT=15, ROT=90.

**REPORT DATE:** 09/07/2012 MD: 1,792 TVD: 1,792 DAYS: 2 MW: 9.15 VISC: 31DAILY : DC: \$75,993CC: \$0TC: \$75,993CUM : DC: \$244,367CC: \$0TC: \$244,367

## DAILY DETAILS:

CREW HAND OVER & SAFETY MEETING. DRILLING 12 1/4" SURFACE HOLE 677' TO 801' ( 124' @ 124 FPH) WT=15, ROT=90. WIRE LINE SURVEY 1/4" @ 757'. DRILLING 12 1/4" SURFACE HOLE 801' TO 1303' (502' @ 118.11 FPH) WT=15, ROT=90. WIRE LINE SURVEY 1/2" @ 1260'. RIG SERVICE. DRILLING 12 1/4" SURFACE HOLE 1303' TO 1556' (253' @ 101.2 FPH) WT=15, ROT=90. SAFETY STAND DOWN BY CANELSON OFFICE. DRILLING 12 1/4" SURFACE HOLE 1556' TO 1792' (236' @ 72.61 FPH) WT=15-24, ROT=90, PUMPED A FLUID CALIPER LOG @ 1573'. WIRE LINE SURVEY 1/2" @ 1767'. CIRCULATE/CONDITION HOLE, PUMPED 100 BBL HIGH VIS SWEEP TO CLEAN HOLE. TRIP OUT TO RUN 9 5/8" CASING, HAD TO BACK REAM 1148' TO 1120', PICK UP KELLY & PUMP OUT 1120' TO 1011' (4 JTS), LAY OUT 8", RMR & BIT. HAVE SAFETY MEETING WITH SMITH CASING & RIG CREW, RIG UP CASING CREW & RUN 43 JTS 9 5/8" #40 J-55 LTC CASING 0' TO 1792', TOTAL PIPE 1797.61', CIRC @ 128', 464', 800', 1007', FILL PIPE ON THE FLY, 24 JTS RAN @ REPORT TIME 1007'.

**REPORT DATE:** 09/08/2012 MD: 1,792 TVD: 1,792 DAYS: 3 MW: VISC:DAILY : DC: \$60,747CC: \$0TC: \$60,747CUM : DC: \$305,114CC: \$0TC: \$305,114

## DAILY DETAILS:

RUN LAST 19 JTS OF 43 JTS 9 5/8" #40 J-55 LTC CASING TO 1792', HAD TO WASH LAST 4 JTS TO BOTTOM 1629, TO 1792' TIGHT & ALOT OF FILL. CIRCULATE/CONDITION HOLE. HAVE SAFETY MEETING WITH BAKER & RIG CREW, RIG UP BAKER TO CASING, TEST LINES TO 4700 OK, PUMP 30 BBL FRESH WATER, LEAD 600 SX (180 BBL) 13.5 PPG CLASS "C" + 4% BENTONITE, 2% CAC12, 1/4 PPS CF PUMP TIME 3 HR & 11 MIN, TAIL 150 SX (37 BBL) 14.8 PPG CLASS "C" .5% CACL2 PUMP TIME 2 HR & 21 MIN, DISPLACED WITH 133 BBL FRESH WATER, 2 BBL EARLY, BUMP PLUG WITH 1203 PSI, BLEED BACK 1/2 BBL, FLOAT HELD, CIRC 15 BBL (48 SX) TO RESERVE. PLUG DOWN @ 12:49 PM. WOC. CUT OFF 9 5/8" CASING & WELD ON 9 5/8" SOW 11" 3M W/C-22 PROFILE HEAD, TEST TO 500 PSI (OK). NIPPLE UP BOP & CHOKE MANIFOLD. RIG UP MONAHANS NIPPLE-UP & TEST SURFACE CASING 400 PSI FOR 30 MIN, TEST BLINDS, PIPE, ANNULAR, ALL VALVES BACK TO PUMPS, KELLY & FLOOR VALVES, 300 PSI LOW 5 MIN EACH, 1500 PSI HIGH 5 MIN. INSTALL WEAR BUSHING. STRAP, PICK UP & MAKE UP BIT & BHA, TRIP IN HOLE.

**REPORT DATE:** 09/09/2012 MD: 3,592 TVD: 3,592 DAYS: 4 MW: 9.9 VISC: 28DAILY : DC: \$24,646CC: \$0TC: \$24,646CUM : DC: \$329,761CC: \$0TC: \$329,761

## DAILY DETAILS:

CREW HAND OVER & SAFETY MEEITNG. TRIP IN HOLE TO 1598'. SLIP & CUT 44' DRILLING LINE. BOP DRILL WITH CREW, PICK UP 5 JTS TO 1724'. PICK UP KELLY, FILL PIPE & WASH DOWN, TAG @ 1748' & DRILL FLOAT & CEMENT 1748' TO 1792'. DRILLING 7 7/8" PROD HOLE 1792' TO 2262' (470' @ 117.5 FPH) WT=4-18, ROT=40-55, MOTOR=182. TELEDRIFT SURVEY 1" @ 2252'. RIG SERVICE FUNCTION TEST ANULLAR 14 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 2262' TO 2515' (253' @ 92 FPH) WT=18, ROT=55, MOTOR=182. CREW HAND OVER & SAFETY MEETING & BOP DRILL WITH CREW. DRILLING 7 7/8" PROD HOLE 2515' TO 2800' (285' @ 285 FPH) WT=18, ROT=55, MOTOR=182. TELEDRIFT SURVEY 1" @ 2791'. DRILLING 7 7/8" PROD HOLE 2800' TO 3307' (507' @ 126.75 FPH) WT=18, ROT=55, MOTOR=127. TELEDRIFT SURVEY 1/2" @ 3297'. RIG SERVICE FUNCTION TEST PIPE RAMS 3 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 3307' TO 3592' (285' @ 47.5 FPH) WT=18-29, ROT=55, MOTOR=127.

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**DIVISION: TEXAS EVENT: 1FIELD : SPRABERRY (TREND AREA)LOCATION : SEC 1, BLK 3, 1980' N, 1760' WCOUNTY & STATE : AndrewsTXCONTRACTOR : CANELSONWI % : 100.0000 AFE # : 001331API # : 42-003-44217PLAN DEPTH : 11,500SPUD DATE : 09/05/2012DHC : \$1,032,295CWC : \$1,189,905AFE TOTAL : \$2,222,200FORMATION: RP**REPORT DATE:** 09/10/2012 MD: 5,554 TVD: 5,554 DAYS: 5 MW: 8.9 VISC: 45DAILY : DC: \$28,181CC: \$0TC: \$28,181CUM : DC: \$357,942CC: \$0TC: \$357,942**DAILY DETAILS:**

CREW HAND OVER & SAFETY MEETING. DRILLING 7 7/8" PROD HOLE 3592' TO 3813' (221' @ 110.5 FPH) WT=18-20, ROT=55, MOTOR=127. TELEDRIFT SURVEY 3/4" @ 3803'. DRILLING 7 7/8" PROD HOLE 3813' TO 4319' (506' @ 106.52 FPH) WT=18-29, ROT=55, MOTOR=127. RIG SERVICE FUNCTION TEST PIPE RAMS 4 SEC CLOSE/OPEN. TELEDRIFT SURVEY 3/4" @ 4313'. DRILLING 7 7/8" PROD HOLE 4319' TO 4826' (507' @ 81.12 FPH) WT=18-30, ROT=55, MOTOR=127. TELEDRIFT SURVEY 1 1/2" @ 4816'. DRILLING 7 7/8" PROD HOLE 4826' TO 4953' (127' @ 101.6 FPH) WT=28, ROT=55, MOTOR=127. TELEDRIFT SURVEY 1/2" @ 4943'. DRILLING 7 7/8" PROD HOLE 4953' TO 5080' (127' @ 63.5 FPH) WT=28, ROT=55 MOTOR=127. RIG SERVICE FUNCTION TEST PIPE RAMS 4 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 5080' TO 5459' (379' @ 84.22 FPH) WT=28, ROT=55, MOTOR=127, MUD UP @ 5238' 51 MIN. TELEDRIFT SURVEY 1/2" @ 5450'. DRILLING 7 7/8" PROD HOLE 5459' TO 5554' (95' @ 76 FPH) WT=28, ROT=55, MOTOR=127.

**REPORT DATE:** 09/11/2012 MD: 7,265 TVD: 7,265 DAYS: 6 MW: 9 VISC: 40DAILY : DC: \$28,066CC: \$0TC: \$28,066CUM : DC: \$386,008CC: \$0TC: \$386,008**DAILY DETAILS:**

CREW HAND OVER & SAFETY MEETING. DRILLING 7 7/8" PROD HOLE 5554' TO 5586' (32' @ 64 FPH) WT=19, ROT=55, MOTOR=123. INSTALL ROTATING HEAD & SLICK SAVER SUB. DRILLING 7 7/8" PROD HOLE 5586' TO 5967' (381' @ 76.2 FPH) WT=19, ROT=55, MOTOR=123. TELEDRIFT SURVEY 1" @ 5957'. RIG SERVICE FUNCTION TEST HCR 2 SEC OPEN/CLOSE. DRILLING 7 7/8" PROD HOLE 5957' TO 6473' (516' @ 86 FPH) WT=19-28, ROT=55, MOTOR=123. TELEDRIFT SURVEY 1/4" @ 6464'. DRILLING 7 7/8" PROD HOLE 6473' TO 6885' (412' @ 82.4 FPH) WT= 28, ROT=55, MOTOR=123. RIG SERVICE FUNCTION TEST ANULLAR 10 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 6885' TO 6980' (95' @ 126.66 FPH) WT=28, ROT=55, MOTOR=123. TELEDRIFT SURVEY 3/4" @ 6971'. DRILLING 7 7/8" PROD HOLE 6980' TO 7202' (222' @ 74 FPH) WT=28, ROT=55, MOTOR=123. TELEDRIFT SURVEY 3/4" @ 7192'. DRILLING 7 7/8" PROD HOLE 7202' TO 7265 (63' @ 36 FPH) WT=28, ROT=55, MOTOR=123.

**REPORT DATE:** 09/12/2012 MD: 8,404 TVD: 8,404 DAYS: 7 MW: 9.8 VISC: 41DAILY : DC: \$29,737CC: \$0TC: \$29,737CUM : DC: \$415,745CC: \$0TC: \$415,745**DAILY DETAILS:**

CREW HAND OVER & SAFETY MEETING. DRILLING 7 7/8" PROD HOLE 7265' TO 7518' (253' @ 56.22 FPH) WT=29, ROT=55, MOTOR=123. TELEDRIFT SURVEY 1" @ 7509'. DRILLING 7 7/8" PROD HOLE 7518' TO 7740' (222' @ 55.5 FPH) WT=29, ROT=55, MOTOR=123. RIG SERVICE FUNCTION TEST ANNULAR 12 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 7740' TO 8024' (284' @ 47.33 FPH) WT=28, ROT=55, MOTOR=123. TELEDRIFT SURVEY 1 1/4" @ 8014'. DRILLING 7 7/8" PROD HOLE 8024' TO 8119' (95' @ 42.22 FPH) WT=28, ROT=55, MOTOR=123. RIG SERVICE & FUNCTION TEST PIPE RAMS 3 SEC CLOSE/OPEN. DRILLING 7 7/8" PROD HOLE 8119' TO 8404' (285' @ 47.5 FPH) WT=28, ROT=55, MOTOR=123.

**REPORT DATE:** 09/13/2012 MD: 9,354 TVD: 9,354 DAYS: 8 MW: 9.7 VISC: 42DAILY : DC: \$27,898CC: \$0TC: \$27,898CUM : DC: \$443,643CC: \$0TC: \$443,643**DAILY DETAILS:**

PRE TOUR SAFETY MEETING W/CREW HAND OVER. DRILLING 7 7/8 8404' TO 8499', [95' @ 54 FPH], RPM 50, MTR RPM 125, WOB 28K. TELEDRIFT SURVEY @ 8490'- 3/4 DEGREE. RIG SERVICE & FUNCTION ANNULAR. DRILLING 7 7/8 8499' TO 8911', [412' @ 43 FPH], RPM 50, MTR RPM 125, WOB 28K. PRE TOUR SAFETY MEETING W/CREW HAND OVER. DRILLING 7 7/8 8911' TO 8974', [63' @ 42 FPH], RPM 50, MTR RPM 125, WOB 28K. WLS @ 8931'- 1 1/2 DEGREE, TELEDRIFT QUIT WORKING. DRILLING 7 7/8 8974' TO 9132', [158' @ 49 FPH], RPM 50, MTR RPM 125, WOB 28K. RIG SERVICE & FUNCTION ANNULAR. DRILLING 7 7/8 9132' TO 9227', [95' @ 42 FPH], RPM 50, MTR RPM 125, WOB 28K. WLS @ 9184'- 1 1/2 DEGREE. DRILLING 7 7/8 9227' TO 9354', [127' @ 42 FPH], RPM 50, MTR RPM 125, WOB 28K.

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**
DIVISION: TEXAS EVENT: 1FIELD : SPRABERRY (TREND AREA)LOCATION : SEC 1, BLK 3, 1980' N, 1760' WCOUNTY & STATE : AndrewsTXCONTRACTOR : CANELSONWI % : 100.0000 AFE # : 001331API # : 42-003-44217PLAN DEPTH : 11,500SPUD DATE : 09/05/2012DHC : \$1,032,295CWC : \$1,189,905AFE TOTAL : \$2,222,200FORMATION: RP
**REPORT DATE:** 09/14/2012 MD: 9,934 TVD: 9,934 DAYS: 9 MW: 9.75 VISC: 45
DAILY : DC: \$27,159CC: \$0TC: \$27,159CUM : DC: \$470,802CC: \$0TC: \$470,802

## DAILY DETAILS:

PRE TOUR SAFETY MEETING W/CREW HAND OVER. DRILLING 7 7/8 9354' TO 9480',[126' @ 46 FPH],RPM 50/55, MTR RPM 125, WOB 28/29K. WLS @ 9437'- 1/2 DEGREE. DRILLING 7 7/8 9480' TO 9734',[254' @ 38 FPH], RPM 50/55, MTR RPM 125, WOB 29K. RIG SERVICE & FUNCTION PIPE RAMS. DRILLING 7 7/8 9734' TO 9765',[31' @ 25 FPH], RPM 50/55, MTR RPM 125, WOB 29K. PRE TOUR SAFETY MEETING & CREW HAND OVER. DRILLING 7 7/8 9765' TO 9934',[169' @ 38 FPH], RPM 50/55, MTR RPM 125, WOB 29K. CIRCULATE/CONDITION HOLE F/BIT TRIP #2, CHECKED F/FLOW. TRIP OUT OF HOLE W/ BIT #2, WORK TIGHT HOLE F/6730' TO 6250', HAD TO BACKREAM A COUPLE OF SPOTS & WAS PULLING 40K OVER.

**REPORT DATE:** 09/15/2012 MD: 9,934 TVD: 9,934 DAYS: 10 MW: 9.9 VISC: 43
DAILY : DC: \$34,499CC: \$0TC: \$34,499CUM : DC: \$505,301CC: \$0TC: \$505,301

## DAILY DETAILS:

PRE TOUR SAFETY MEETING & CREW HANDOVER. TRIP OUT OF HOLE W/BIT #2 TO 4007'. DRILL STRING GOT STUCK W/BIT @4007', DRILLER PULLED INTO SPOT W/40K OVER,PICKED UP HAMMER TOOL & JARRED DOWN UNTILL WE DAMAGED TOOL. CIRCULATE/CONDITION HOLE, JARRED DOWN W/DRILL STRING & WAIT ON LIVE OIL. SPOT 100 BBLS OF LIVE OIL W/70 BBLS OUTSIDE PIPE & 30 BBLS INSIDE,MOVED FLUID 5 BBLS @ A TIME EVERY 30 MIN UNTILL OIL WAS OUT OF PIPE, THEN MOVED 10 BBLS EVERY 30 MIN,JARRED PIPE W/DRILLSTRING. PRE TOUR SAFETY MEETING & CREW HANDOVER. CONTINUE TO MOVE OIL UP HOLE 10 BBLS EVERY 30 MINUTES W/20K SITTING ON DRILLSTRING & 7500 PPF TORQUE ON IT, WAIT ON WIRE LINE TRUCK TO RUN FREE POINT. RIG UP WIRE LINE TRUCK TO RUN FREE POINT,HAD TO MAKE 2 RUNS BECAUSE 1ST TOOL FAILED, FREE POINT WAS @ 3158'. HOLD SAFETY MEETING W/WIRELINE OPERATORS. RIGGED UP CHARGE & BACKED OFF @ 3127',LEFT 19 -6 1/4 DCS,2-REAMERS,MOTOR,BIT,TELEDRIPT & 1 JT OF DP IN HOLE, [860']. TRIP OUT OF HOLE TO P/U FISHING COLLARS,JARS & SCREW IN SUB.

**REPORT DATE:** 09/16/2012 MD: 9,934 TVD: 9,934 DAYS: 11 MW: 9.9 VISC: 44
DAILY : DC: \$65,079CC: \$0TC: \$65,079CUM : DC: \$570,381CC: \$0TC: \$570,381

## DAILY DETAILS:

PRE TOUR SAFETY MEETING & CREW HAND OVER. FINISH TIH TO P/U FISHING TOOLS. PICK UP FISHING TOOLS & 8 DC'S. TRIP IN HOLE W/ JARS & SCREW IN SUB. WASH OVER TOP OF FISH & SCREW IN @ 3127'. JARRED ON DRILLSTRING 3 TIMES & KNOCKED FISH FREE. PUMPED OUT 1 JT W/ KELLY & TRIP OUT OF HOLE SLOW. PRE TOUR SAFETY MEETING & CREW HAND OVER. LAY DOWN FISHING TOOLS & 8 FISHING COLLARS. FINISH TRIP OUT OF HOLE TO XO BIT #2. CHANGE OUT BIT, MOTOR & TRIP IN HOLE TO 4500'. INSTALL NEW ROTATING BEARING & RUBBER. CIRCULATE/CONDITION HOLE @ 4500'. TRIP IN HOLE TO 5860'. WASH/REAM F/5860' TO 6100', HOLE BRIDGED OFF.

**REPORT DATE:** 09/17/2012 MD: 9,934 TVD: 9,934 DAYS: 12 MW: 9.95 VISC: 40
DAILY : DC: \$29,472CC: \$0TC: \$29,472CUM : DC: \$599,852CC: \$0TC: \$599,852

## DAILY DETAILS:

PRE TOUR SAFETY MEETING & CREW HAND OVER. WASH/REAM 6100' TO 6685'. LAY DOWN 12 JTS OF DRILLPIPE & TRIP BACK IN 6 STANDS. PICKED KELLY UP TO START REAMING AGAIN @ 6685', DRILLSTRING WAS STUCK, WORKED STUCK PIPE @ 25K INTERVALS OVER STRING WT, CAME FREE @ 100K OVERPULL, LAYED DOWN 1 JT WITH KELLY TO 6660'. CIRCULATE/CONDITION HOLE,START GETTING MUD READY TO BRING WATER LOSS DOWN. PRE TOUR SAFETY MEETING & CREW HAND OVER. CIRCULATE/CONDITION HOLE,MIX MUD @6660', MOVE DRILLSTRING EVERY 15 MIN.

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**DIVISION: TEXAS EVENT: 1FIELD : SPRABERRY (TREND AREA)LOCATION : SEC 1, BLK 3, 1980' N, 1760' WCOUNTY & STATE : AndrewsTXCONTRACTOR : CANELSONWI % : 100.0000 AFE # : 001331API # : 42-003-44217PLAN DEPTH : 11,500SPUD DATE : 09/05/2012DHC : \$1,032,295CWC : \$1,189,905AFE TOTAL : \$2,222,200FORMATION: RP**REPORT DATE:** 09/18/2012 MD: 10,495 TVD: 10,495 DAYS: 13 MW: 9.95 VISC: 48DAILY : DC: \$29,729CC: \$0TC: \$29,729CUM : DC: \$629,581CC: \$0TC: \$629,581

## DAILY DETAILS:

PRE TOUR SAFETY MEETING & CREW HANDOVER. CIRCULATE/CONDITION HOLE & MIX MUD. WASH/REAM F/6660' TO 7104'. TRIP IN HOLE F/7104' TO 9386'. LAY DOWN 13 JTS OF DP & TIH 6 STDS. WASH/REAM F/9386' TO 9934'. PRE TOUR SAFETY MEETING & CREW HANDOVER. TELEDRIFT SURVEY @ 9934'--1 1/4 DEGREE. DRILLING 9934' TO 10,179', [245' @ 47 FPH], RPM 45/50, MTR RPM 110, WOB 26/29. RIG SERVICE & FUNCTION ANNULAR. DRILLING 10,179' TO 10,400', [221' @ 59 FPH], RPM 45/50, MTR RPM 110, WOB 26/29. TELEDRIFT SURVEY @ 10,390'--1 1/4 DEGREE. DRILLING 10,400' TO 10,495', [95' @ 48 FPH], RPM 45/50, MTR RPM 110, WOB 26/29.

**REPORT DATE:** 09/19/2012 MD: 11,098 TVD: 11,098 DAYS: 14 MW: 9.9 VISC: 54DAILY : DC: \$28,617CC: \$0TC: \$28,617CUM : DC: \$658,198CC: \$0TC: \$658,198

## DAILY DETAILS:

PRE TOUR SAFETY MEETING & CREW HAND OVER. DRILLING 7 7/8 10,495' TO 10,591', [96' @ 18 FPH], RPM 45/50, MTR RPM 110, WOB 28/30K. RIG SERVICE & FUNCTION PIPE RAMS. DRILLING 7 7/8 10,591' TO 10,718', [127' @ 34 FPH], RPM 45/50, MTR RPM 110, WOB 28/30K. TELEDRIFT SURVEY @ 10,708'--1 3/4 DEGREE. DRILLING 7 7/8 10,718' TO 10,781', [63' @ 36 FPH], RPM 45/50, MTR RPM 110, WOB 28K. PRE TOUR SAFETY MEETING & CREW HAND OVER. DRILLING 7 7/8 10,781' TO 10,940', [159' @ 30 FPH], RPM 45/50, MTR RPM 110, WOB 28K. TELEDRIFT SURVEY @ 10,930'--3/4 DEGREE. RIG SERVICE & FUNCTION PIPE RAMS. DRILLING 7 7/8 10,940' TO 11,098', [158' @ 26 FPH], RPM 45/50, MTR RPM 110, WOB 28/30K.

**REPORT DATE:** 09/20/2012 MD: 11,514 TVD: 11,514 DAYS: 15 MW: 10.1 VISC: 45DAILY : DC: \$28,684CC: \$0TC: \$28,684CUM : DC: \$686,882CC: \$0TC: \$686,882

## DAILY DETAILS:

PRE TOUR SAFETY MEETING & CREW HANDOVER. DRILLING 7 7/8 11,098' TO 11,225, [127' @ 30 FPH], RPM 45/50, MTR RPM 110, WOB 28/31. TELE DRIFT SURVEY @ 11,214'--1/2 DEGREE. DRILLING 7 7/8 11,225' TO 11,320', [95' @ 17 FPH], RPM 45, MTR RPM 110, WOB 31K. RIG SERVICE & FUNCTION PIPE RAMS. DRILLING 7 7/8 11,320' TO 11,332', [12' @ 10 FPH], RPM 45, MTR RPM 110, WOB 31K. PRE TOUR SAFETY MEETING & CREW HAND OVER. DRILLING 7 7/8 11,332' TO 11,514' TD, [182' @ 18 FPH], RPM 45/50, MTR RPM 110, WOB 28/31K. RIG SERVICE & FUNCTION ANNULAR. CIRCULATE/CONDITION HOLE TO LDDP & DC'S. TELE DRIFT SURVEY @ 11,505'--3/4 DEGREE.

**REPORT DATE:** 09/21/2012 MD: 11,514 TVD: 11,514 DAYS: 16 MW: 10.2 VISC: 44DAILY : DC: \$26,302CC: \$0TC: \$26,302CUM : DC: \$713,184CC: \$0TC: \$713,184

## DAILY DETAILS:

PRE TOUR SAFETY MEETING & CREW HAND OVER. CIRCULATE/CONDITION HOLE @ 11,514' TO LDDP & DC'S. LAY DOWN DRILL PIPE, WORKED TIGHT HOLE F/6800' TO 6000'. PRE TOUR SAFETY MEETING & CREW HAND OVER. LAY DOWN DRILL PIPE, WORKED TIGHT HOLE F/3400' TO 2800'. TAKE ROTATING HEAD OFF & BREAK KELLY. LAY DOWN 19 DC'S, 2-STABILIZERS, MOTOR & BIT. PREP FLOOR FOR CASING RUN & TAKE OUT WEAR BUSHING, FUNCTION TEST BLIND RAMS. HOLD S/M W/ALLENS CASING & RIG CREW, RIG UP & RUN 66 JTS OF 17# N-80 LTC 5 1/2 CASING, WILL HAVE DETAILED CSG RUN ON TOMMOROWS REPORT.

## WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**

 DIVISION: TEXAS EVENT: 1

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : SEC 1, BLK 3, 1980' N, 1760' W

 COUNTY & STATE : Andrews
TX

 CONTRACTOR : CANELSON

 WI % : 100.0000 AFE # : 001331

 API # : 42-003-44217

 PLAN DEPTH : 11,500

 SPUD DATE : 09/05/2012

 DHC : \$1,032,295

 CWC : \$1,189,905

 AFE TOTAL : \$2,222,200

 FORMATION: RP
**REPORT DATE:** 09/22/2012 MD: 11,514 TVD: 11,514 DAYS: 17 MW: VISC:

 DAILY : DC: \$288,878

 CC: \$0

 TC: \$288,878

 CUM : DC: \$1,002,062

 CC: \$0

 TC: \$1,002,062
**DAILY DETAILS:**

PRE TOUR SAFETY MEETING &amp; CREW HAND OVER, TALKED TO AUDREY W/TRRC OPER #2 W/TRRC @ 06:00 9/21/12.

RUN 256 JTS OF 5 1/2 17# LTC N-80 CASING W/WEATHERFORD FLOAT COLLAR &amp; SHOE 11,525.85' OF TOTAL PIPE, SET @ 11,514' W/ 11.85' STICK, CIRC LAST 2 JTS TO BOTTOM. NO FILL. TOP OF MJ'S @9638' &amp; 8577', FLINT COAT FROM 8577' TO 4826',CIRC 1 1/2 HRS @ 4500', 1/2 HR @ 6500', 1/4 HR @ 8500', HAD FULL CIRC DURING ENTIRE CASING RUN. CIRCULATE/CONDITION HOLE TO CEMENT PRODUCTION CASING. HELD SAFETY MEETING W/ BAKER SERVICES,RIGGED IN LINES TO CEMENT,WITNESSED AND CONFIRMED ACETIC ACID TITRATION PH=1 1/2, SG=1,0125 PRESSURE TESTED LINES TO 4000 PSI,CEMENTED PROD CASING AS FOLLOWS; PUMPED 10 BBLS FW, 24 BBLS SURE BOND III AND 20 BBLS FW SPACER;CEMENTED W/ 600 SX (182 BBLS) OF 60/40 POZC (12.5#, 1.70YLD) &amp; TAILED IN W/ 450 SX (101BBLS) OF 50/50 POZ H (14.2#, 1.26 YLD) ,DROPPED PLUG AND DISPLACED CASING W/24 BBLS ACID &amp; 242 BBLS OF FW,BUMPED PLUG @ 1 BBL UNDER CALCULATED DISPLACEMENT,PLUG DOWN @ 18:30 HRS 9/21/12. NIPPLE DOWN,SET SLIPS @ 80% STRING WT W/145 K ON THEM,LAY OUT STACK &amp; JET PITS, CANELSON #29 RELEASED FROM UNIVERSITY CAMILLE #106 @ 00:00 HRS 9/22/12. MOVE TO MATTIE 2008 ON 9/22/12.

## WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**

 DIVISION: TEXAS EVENT: 2

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : SEC 1, BLK 3, 1980' N, 1760' W

 COUNTY & STATE : Andrews
TX

 CONTRACTOR : MASON WELL SERVICE/ WES #203

 WI % : 100.0000 AFE # :

 API # : 42-003-44217

 PLAN DEPTH : 11,500 SPUD DATE : 09/05/2012

DHC : CWC :

AFE TOTAL :

 FORMATION: RP
**REPORT DATE:** 10/03/2012 MD: 0 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0

 CC: \$5,962

 TC: \$5,962

 CUM : DC: \$0

 CC: \$5,962

 TC: \$5,962
**DAILY DETAILS:**

RU HALLIBURTON ON A CRANE TRUCK. GIH W/ A GR/CNL/RCBL TOOL STRING. FOUND TD AT 11,456' WL DEPTH. LOGGED A 300' REPEAT SECTION. MAIN PASS LOGGED A GR/CNL FROM 11,454' TO 4000'. LOGGED A GR/RCBL FROM 5500' TO 4100'. FOUND TOC AT 4350'. POOH RD.

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**

 DIVISION: TEXAS EVENT: 2

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : SEC 1, BLK 3, 1980' N, 1760' W

 COUNTY & STATE : Andrews TX

 CONTRACTOR : MASON WELL SERVICE/ WES #203

 WI % : 100.0000 AFE # :

 API # : 42-003-44217

 PLAN DEPTH : 11,500 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

 FORMATION: RP
**REPORT DATE:** 10/22/2012 MD: 11,514 TVD: 0 DAYS: 1 MW: VISC:

 DAILY : DC: \$0

 CC: \$0

 TC: \$0

 CUM : DC: \$0

 CC: \$5,962

 TC: \$5,962
**DAILY DETAILS:**

(STG #1: ATOKA 1) MONDAY OCT-22-2012, ON LOC @ 06:00 HRS, DELAYED PERFORATING STG #1, DUE TO BAD STORM, MIRU CASED HOLE SOLUTIONS WL, HELD SAFETY MEETING, RIH & PERFORATE 11,250-11,280', 6 SPF, 60 HOLES, 11,300-11,310', 6 SPF, 60 HOLES & 11,395-11,405', 6 SPF, 60 HOLES, 180 HOLES TOTAL @ 07:00 HRS, MIRU BAKER HUGHES FRAC, HELD SAFETY MEETING, PRESSURE TEST LINES TO 7,000 PSI, IWHP=132 PSI, SDH @ 07:55 HRS, BK DWN @ 5095 PSI, SPEAR HEAD 3,000 GALS 15% HCL ACID 37.2 BPM @ 5650 PSI, PUMP 30,000 GALS 20# XLG PAD 63.6 BPM @ 6575 PSI, PUMP 26,000 GALS 20# XLG w/ 1# CRC 20/40 SAND 65.7 BPM @ 6572 PSI, ON SCHEDULE, PUMP 21,000 GALS 20# XLG w/ 1.5# CRC 20/40 SAND 70.1 BPM @ 6450 PSI, ON SCHEDULE, PUMP 25,000 GALS 20# XLG w/ 2# CRC 20/40 SAND 70.3 BPM @ 6362 PSI, ON SCHEDULE, PUMP 25,000 GALS 20# XLG w/ 2.5# CRC 20/40 SAND 70.5 BPM @ 6336 PSI, ON SCHEDULE, PUMP 10,000 GALS 20# XLG w/ 3# CRC 20/40 SAND 71.4 BPM @ 6430 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 3,000 GALS 15% HCL ACID & FLUSHED, RAN BAKER CHEMICAL SCALESORB-3 ON ALL STAGES, SHUT DOWN @ 09:00 HRS, ISIP=5328#, FG=0.91, MAX PSI=6575#, AVG PSI=6252#, MAX RATE=71.5 BPM, AVG RATE=65.8 BPM, TLTR=3609 BBLS, TOTAL SAND=200,000#, RIH SET CBP PLUG @ 11,200' & PERFORATE STG #2 @ 11,110-11,130', 4 SPF, 80 HOLES TOTAL. --- (STG #2: STRAWN 2) IWHP=2661 PSI, SDH @ 09:55 HRS, BK DWN @ 4859 PSI, PUMP 20,000 GALS 10# XLG PAD 55.2 BPM @ 6483 PSI, NOLTE CLIMBING, INCREASE GEL TO 12# XLG, START PUMPING 20,000 GALS 12# XLG w/ 0.25# 100 MESH SAND 55.2 BPM @ 6499 PSI, w/ 17,062 GALS 12# XLG w/ 0.25# 100 MESH SAND (4,266#) PSI & NOLTE CLIMBING FAST, CUT SAND, DID NOT PUMP 23,000 GALS 10# XLG w/ 0.5# 100 MESH SAND, DID NOT PUMP 20,000 GALS 10# XLG w/ 0.7# 100 MESH SAND, DID NOT PUMP 30,000 GALS 25# XLG PAD, DID NOT PUMP 30,000 GALS 25# XLG w/ 0.3# 40/70 WHITE SAND, DID NOT PUMP 30,000 GALS 15# XLG w/ 0.5# 40/70 WHITE SAND, DID NOT PUMP 30,000 GALS 25# XLG w/ 0.7# 40/70 WHITE SAND DID NOT PUMP 15,000 GALS 25# XLG w/ 1# 40/70 WHITE SAND, SPOT 3,000 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 10:16 HRS, ISIP=5671#, FG=0.95, MAX PSI=6869#, AVG PSI=6633#, MAX RATE=55.2 BPM, AVG RATE=43.6 BPM, TLTR=1156 BBLS, TOTAL SAND=4,266#, RIH & PERFORATE STG #3 @ 11,010-11,030', 6 SPF, 120 HOLES TOTAL. --- (STG #3: STRAWN 1) IWHP=3360 PSI, SDH @ 10:55 HRS, BK DWN @ 3720 PSI, PUMP 20,000 GALS 10# XLG PAD 71.2 BPM @ 5627 PSI, PUMP 20,000 GALS 10# XLG w/ 0.25# 100 MESH SAND 72.4 BPM @ 5587 PSI, ON SCHEDULE, PUMP 22,000 GALS 10# XLG w/ 0.7# 100 MESH SAND 72.4 BPM @ 5589 PSI, ON SCHEDULE, PUMP 20,000 GALS 10# XLG w/ 0.9# 100 MESH SAND 73.1 BPM @ 5492 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG PAD 73.3 BPM @ 5436 PSI ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 0.3# 40/70 WHITE SAND 73.4 BPM @ 5544 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 0.5# 40/70 WHITE SAND 73.5 BPM @ 5472 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 0.7# 40/70 WHITE SAND 73.7 BPM @ 5410 PSI, ON SCHEDULE, PUMP 15,000 GALS 15# XLG w/ 1# 40/70 WHITE SAND 73.9 BPM @ 5367 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 3,000 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 12:55 HRS, ISIP=3771#, FG=0.78, MAX PSI=5627#, AVG PSI=5359#, MAX RATE=74.4 BPM, AVG RATE=69.9 BPM, TLTR=5436 BBLS, TOTAL SAND=98,400#, RIH SET CBP PLUG @ 10,940' & PERFORATE STG #4 @ 10,855-10,875', 4 SPF, 80 HOLES TOTAL. --- (STG #4: WFMP D 1) IWHP=3094 PSI, SDH @ 13:55 HRS, BK DWN @ 3282 PSI, PUMP 20,000 GALS 10# XLG PAD 71.6 BPM @ 6003 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 71.8 BPM @ 5687 PSI, ON SCHEDULE, PUMP 14,000 GALS 10# XLG w/ 0.7# 100 MESH SAND 72.1 BPM @ 5510 PSI, ON SCHEDULE, PUMP 13,000 GALS 10# XLG w/ 0.9# 100 MESH SAND 72.4 BPM @ 5506 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG PAD 72.5 BPM @ 5674 PSI, PUMP 25,500 GALS 15# XLG w/ 1# 30/50 WHITE SAND 72.6 BPM @ 5520 PSI, ON SCHEDULE, PUMP 35,000 GALS 15# XLG w/ 2# 30/50 WHITE SAND 72.7 BPM @ 5440 PSI, ON SCHEDULE, PUMP 33,000 GALS 15# XLG w/ 2.5# 30/50 WHITE SAND 72.7 BPM @ 5330 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG w/ 3# 30/50 WHITE SAND 72.8 BPM @ 5250 PSI, ON SCHEDULE, PUMP 8,000 GALS 15# XLG w/ 4# 30/50 WHITE SAND 73.1 BPM @ 5280 PSI, ON SCHEDULE, PUMP 6,000 GALS 15# XLG w/ 5# 30/50 WHITE SAND 73.4 BPM @ 5193 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 2,000 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 15:15 HRS, ISIP=3578#, FG=0.77, MAX PSI=6003#, AVG PSI=5353#, MAX RATE=74.1 BPM, AVG RATE=70.1 BPM, TLTR=5205 BBLS, TOTAL SAND=325,400#, RIH SET CBP PLUG @ 10,710' & PERFORATE STG #5 @ 10,630-10,650', 4 SPF, 80 HOLES TOTAL. --- (STG #5: WFMP C 1) IWHP=1677 PSI, SDH @ 16:10 HRS, BK DWN @ 4796 PSI, PUMP 20,000 GALS 10# XLG PAD 71.4 BPM @ 6178 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 71.6 BPM @ 5630 PSI, ON SCHEDULE, PUMP 14,000 GALS 10# XLG w/ 0.7# 100 MESH SAND 71.8 BPM @ 5420 PSI, ON SCHEDULE, PUMP 13,000 GALS 10# XLG w/ 0.9# 100 MESH SAND 72.3 BPM @ 5410 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG PAD 72.3 BPM @ 5580 PSI, PUMP 30,000 GALS 15# XLG w/ 0.5# 30/50 WHITE SAND 72.5 BPM @ 5562 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1# 30/50 WHITE SAND 72.7 BPM @ 5538 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1.5# 30/50 WHITE SAND 72.9 BPM @ 5464 PSI, ON SCHEDULE, PUMP 15,000 GALS 15# XLG w/ 2# 30/50 WHITE SAND 73.4 BPM @ 5457 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 2,000 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 17:15 HRS, ISIP=3995#, FG=0.81, MAX PSI=6178#, AVG PSI=5463#, MAX RATE=74.4 BPM, AVG RATE=69.8 BPM, TLTR=4665 BBLS, TOTAL SAND=145,400#, RIH & PERFORATE STG #6 @ 10,440-10,460', 4 SPF, 80 HOLES TOTAL. --- (STG #6: WFMP B 1) IWHP=3281 PSI, SDH @ 18:00 HRS, BK DWN @ 3351 PSI, PUMP 20,000 GALS 10# XLG PAD 71.3 BPM @ 5902 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 71.5 BPM @ 5386 PSI, ON SCHEDULE, PUMP 14,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 71.9 BPM @ 5190 PSI, ON SCHEDULE, PUMP 13,000 GALS 10# XLG w/

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**

 DIVISION: TEXAS EVENT: 2

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : SEC 1, BLK 3, 1980' N, 1760' W

 COUNTY & STATE : Andrews
TX

 CONTRACTOR : MASON WELL SERVICE/ WES #203

 WI % : 100.0000 AFE # :

 API # : 42-003-44217

 PLAN DEPTH : 11,500 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

 FORMATION: RP

0.7# 100 MESH SAND 72.3 BPM @ 5050 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG PAD 72.3 BPM @ 4999 PSI, PUMP 30,000 GALS 15# XLG w/ 0.5# 30/50 WHITE SAND 73.4 BPM @ 5258 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1# 30/50 WHITE SAND 73.5 BPM @ 5046 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1.5# 30/50 WHITE SAND 73.6 BPM @ 4845 PSI, ON SCHEDULE, PUMP 15,000 GALS 15# XLG w/ 2# 30/50 WHITE SAND 74.1 BPM @ 4680 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 2,000 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 19:15 HRS, ISIP=2833#, FG=0.71, MAX PSI=5902#, AVG PSI=4966#, MAX RATE=74.3 BPM, AVG RATE=70.2 BPM, TLTR=4656 BBLS, TOTAL SAND=140,000#, RIH SET CBP PLUG @ 10,160' & PERFORATE STG #7 @ 10,080-10,100', 4 SPF, 80 HOLES TOTAL. SWI / SDFN. --- (STG #7: WFMP 2) TUESDAY OCT-23-2012, CONTINUE FRAC w/ CASEHOLE SOLUTIONS WL & BAKER HUGHES FRAC, HELD SAFETY MEETING, PRESSURE TEST LINES TO 7,000 PSI, IWHP=2064 PSI, SDH @ 06:35 HRS, BK DWN @ 2874 PSI, PUMP 20,000 GALS 10# XLG PAD 72.2 BPM @ 4577 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 72.5 BPM @ 4446 PSI, ON SCHEDULE, PUMP 14,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 72.3 BPM @ 4350 PSI, ON SCHEDULE, PUMP 13,000 GALS 10# XLG w/ 0.7# 100 MESH SAND 72.2 BPM @ 4256 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG PAD 72.7 BPM @ 4512 PSI, PUMP 30,000 GALS 15# XLG w/ 0.5# 30/50 WHITE SAND 72.2 BPM @ 4411 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1# 30/50 WHITE SAND 72.3 BPM @ 4282 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1.5# 20/40 WHITE SAND 72.5 BPM @ 4170 PSI, ON SCHEDULE, PUMP 15,000 GALS 15# XLG w/ 2# 30/50 WHITE SAND 72.5 BPM @ 4116 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 2,000 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 07:46 HRS, ISIP=2767, FG=0.71, MAX PSI=4512, AVG PSI=4234, MAX RATE=72.7 BPM, AVG RATE=72.3 BPM, TLTR=4652 BBLS, TOTAL SAND=140,000#, RIH SET CBP PLUG @ 9,980' & PERFORATE STG #8 @ 9,890-9,910', 4 SPF, 80 HOLES TOTAL. --- (STG #8: WFMP 1) IWHP=564 PSI, SDH @ 08:15 HRS, BK DWN @ 3358 PSI, PUMP 20,000 GALS 10# XLG PAD 72.5 BPM @ 4770 PSI, PUMP 13,000 GALS 10# XLG w/ 0.3# 100 MESH SAND 72.4 BPM @ 4537 PSI, ON SCHEDULE, PUMP 14,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 72.3 BPM @ 4474 PSI, ON SCHEDULE, PUMP 13,000 GALS 10# XLG w/ 0.7# 100 MESH SAND 72.3 BPM @ 4450 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG PAD 72.9 BPM @ 4664 PSI, PUMP 30,000 GALS 15# XLG w/ 0.5# 30/50 WHITE SAND 73.4 BPM @ 4656 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1# 30/50 WHITE SAND 72.2 BPM @ 4560 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG w/ 1.5# 30/50 WHITE SAND 72.2 BPM @ 4457 PSI, ON SCHEDULE, PUMP 15,000 GALS 15# XLG w/ 2# 30/50 WHITE SAND 72.4 BPM @ 4424 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 2,000 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 09:44 HRS, ISIP=2325, FG=0.67, MAX PSI=4770, AVG PSI=4554, MAX RATE=73.4 BPM, AVG RATE=72.5 BPM, TLTR=4646 BBLS, TOTAL SAND=140,000#, RIH & PERFORATE STG #9 @ 9,655-9,665', 4 SPF, 40 HOLES TOTAL. --- (STG #9: LOWER SPRABERRY 2) IWHP=1220 PSI, SDH @ 10:20 HRS, BK DWN @ 3336 PSI, PUMP 20,000 GALS 10# XLG PAD 50 BPM @ 3350 PSI, PUMP 6,500 GALS 10# XLG w/ 0.3# 100 MESH SAND 49.8 BPM @ 3326 PSI, ON SCHEDULE, PUMP 7,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 50.2 BPM @ 3301 PSI, ON SCHEDULE, PUMP 6,500 GALS 10# XLG w/ 0.7# 100 MESH SAND 49.9 BPM @ 3186 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG PAD 50.1 BPM @ 3336 PSI, PUMP 20,000 GALS 15# XLG w/ 1# 20/40 B SAND 50.3 BPM @ 3125 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG w/ 2# 20/40 B SAND 50.6 BPM @ 2848 PSI, ON SCHEDULE, PUMP 10,000 GALS 15# XLG w/ 3# 20/40 B SAND 50.8 BPM @ 2585 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 1,500 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 11:22 HRS, ISIP=1818, FG=0.63, MAX PSI=3350, AVG PSI=3132, MAX RATE=50.8 BPM, AVG RATE=50.2 BPM, TLTR=2854 BBLS, TOTAL SAND=100,000#, RIH SET CBP PLUG @ 9,470' & PERFORATE STG #10 @ 9,395-9,405', 4 SPF, 40 HOLES TOTAL. --- (STG #10: LOWER SPRABERRY 1) IWHP=450 PSI, SDH @ 12:14 HRS, BK DWN @ 3529 PSI, PUMP 20,000 GALS 10# XLG PAD 51.6 BPM @ 3048 PSI, PUMP 6,500 GALS 10# XLG w/ 0.3# 100 MESH SAND 51.5 BPM @ 3013 PSI, ON SCHEDULE, PUMP 7,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 51.7 BPM @ 2954 PSI, ON SCHEDULE, PUMP 6,500 GALS 10# XLG w/ 0.7# 100 MESH SAND 51.5 BPM @ 2865 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG PAD 51.6 BPM @ 2958 PSI, PUMP 20,000 GALS 15# XLG w/ 1# 20/40 B SAND 51.9 BPM @ 2721 PSI, ON SCHEDULE, PUMP 20,000 GALS 15# XLG w/ 2# 20/40 B SAND 52.1 BPM @ 2463 PSI, ON SCHEDULE, PUMP 10,000 GALS 15# XLG w/ 3# 20/40 B SAND 52.2 BPM @ 2288 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, SPOT 1,500 GALS 15% HCL ACID & FLUSHED, SHUT DOWN @ 13:15:00 HRS, ISIP=1303, FG=0.58, MAX PSI=3048, AVG PSI=2676, MAX RATE=52.2 BPM, AVG RATE=51.7 BPM, TLTR=2848 BBLS, TOTAL SAND=100,000#, RIH SET CBP PLUG @ 9,190' & PERFORATE STG #11 @ 8,830-8,833', 4 SPF, 12 HOLES, 8,940-8,943', 4 SPF, 12 HOLES & 9,120-9,123', 4 SPF, 12 HOLES, 36 HOLES TOTAL. --- (STG #11: UPPER SPRABERRY 1) IWHP=166 PSI, SDH @ 14:20 HRS, BK DWN @ 2245 PSI, SPEAR HEAD 1,000 GALS 15% HCL ACID 24.3 BPM @ 1939 PSI, PUMP 20,000 GALS 10# XLG PAD 56.4 BPM @ 2628 PSI, PUMP 6,500 GALS 10# XLG w/ 0.3# 100 MESH SAND 56.4 BPM @ 2522 PSI, ON SCHEDULE, PUMP 7,000 GALS 10# XLG w/ 0.5# 100 MESH SAND 56.3 BPM @ 2488 PSI, ON SCHEDULE, PUMP 6,500 GALS 10# XLG w/ 0.7# 100 MESH SAND 56.4 BPM @ 2437 PSI, ON SCHEDULE, PUMP 30,000 GALS 15# XLG PAD 56.2 BPM @ 2506 PSI, PUMP 20,000 GALS 15# XLG w/ 1# 20/40 B SAND 56.6 BPM @ 2294 PSI, ON SCHEDULE, PUMP 40,000 GALS 15# XLG w/ 2# 20/40 B SAND 56.7 BPM @ 2161 PSI, ON SCHEDULE, PUMP 10,000 GALS 15# XLG w/ 3# 20/40 B SAND 56.6 BPM @ 2098 PSI, ON SCHEDULE, PUMPED DESIGNED VOLUMES, PUMPED FLUSH, SHUT DOWN @ 15:30 HRS, ISIP=1323, FG=0.58, MAX PSI=2628, AVG PSI=2391, MAX RATE=56.7 BPM, AVG RATE=56.4 BPM, TLTR=3581 BBLS, TOTAL SAND=100,000#, RIH SET CAP CBP PLUG @ 8,280', SWI @ 16:20 HRS, JOB COMPLETED TUESDAY OCT-23-2012, RDMO ALL EQUIP, ---



## WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**

 DIVISION: TEXAS EVENT: 2

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : SEC 1, BLK 3, 1980' N, 1760' W

 COUNTY & STATE : Andrews
TX

 CONTRACTOR : MASON WELL SERVICE/ WES #203

 WI % : 100.0000 AFE # :

 API # : 42-003-44217

 PLAN DEPTH : 11,500 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

 FORMATION: RP
**REPORT DATE:** 10/23/2012 MD: 11,514 TVD: 0 DAYS: 2 MW: VISC:

 DAILY : DC: \$0

 CC: \$0

 TC: \$0

 CUM : DC: \$0

 CC: \$5,962

 TC: \$5,962
**DAILY DETAILS:**

DR WSU FROM THE MIRANDA 1707 TO THE UNIV. CAMILLE 106 & SPOTTED RIG & WAITED FOR THE ANCHORS TO BE SET. RU WSU & MI THE L-80 TBG ON THE TBG SEALS & COULD NOT UNLOAD THE TBG OFF THE LOAD TRK PU WRONG PIPE FROM WAREHOUSE SENT BACK TO ODESSA. J-55 TBG WILL BE ON LOC FIRST AM FRI. WH ARRIVED & ND 10 FRAC HEAD & NU 5K WH. MI HYDRO BOP & CHKD TBG RAMS GOOD BLINDS GOOD. SDFN REV RIG WILL BE HERE FIRST AM.

**COST:**

CONSULTANT: \$ 200.00

MASON WSU: \$1800.00

**REPORT DATE:** 10/26/2012 MD: 11,514 TVD: 0 DAYS: 3 MW: VISC:

 DAILY : DC: \$0

 CC: \$8,619

 TC: \$8,619

 CUM : DC: \$0

 CC: \$14,581

 TC: \$14,581
**DAILY DETAILS:**

AOL & CHKD CSG PRES 0. RACK THE 2-3/8" J-55 248 JTS TOTAL. TALLIED TBG & CALIPER THE 4-3/4" COMP MUSER BIT & THE POS. RU REV UNIT & HAD GANG TIE INTO THE GAS BUSTER & TEST TANKS. RIH WITH TBG & POS 248 JTS OF J-55 2-3/8" TBG L:8134.32' W/TOOLS & A 4'X2-3/8" L-80 SB & 5 JTS OF 2-3/8" L-80 & TAGGED THE 1ST CBP @ 8280' WITH 14' OUT ON THE 253 JT. PU STRIPER HEAD & RU TBG SWIVEL & NU STRIPER HEAD. SDFW BE READY TO DRILL PLUGS FIRST MON AM.

**REPORT DATE:** 10/29/2012 MD: 11,514 TVD: 0 DAYS: 4 MW: VISC:

 DAILY : DC: \$0

 CC: \$11,000

 TC: \$11,000

 CUM : DC: \$0

 CC: \$25,581

 TC: \$25,581
**DAILY DETAILS:**

AOL & CHKD TBG PRES 0, CSG PRES 0. PU JT 253 & TBG SWIVEL LOADED TBG WITH BW RIH TO 8280' & STARTED TO DRILL ON PLUG # 1 @ 10:57 AM DRILL 8" WHEN WE SAW A 800 PSI INCREASE @ THE PUMP. DRILL 4" WHEN PRES STARTED TO PUSH TBG UP THE HOLE. SIW & LET IT EQUALIZE FOR 10 MIN & OPEN WELL BEGAN DRILLING ON PLUG @ 11:47 AM & PLUG DRILL THROUGH @ 12:02PM. DRILL IN 15 IMNS RIH ALL THE WAY TO THE TOP OF THE SLIPS & WENT TO BLEED TBG OFF & PRESS WOULD NOT BLEED OFF. PUMPED 10 BBLS TO CLEAR TRASH OUT OF THE POS & WORKED TBG & IT WOULD NOT SEAL OFF. SIW & SERGE TBG & IT WOULD NOT HOLD. HAD REV HAND ORDER A SPRING FLP BOTTOM TBG VALVE CIR WELL WITH BW UNTIL 3:30 PM WHEN VALVE ARRIVED. BLED TBG ENOUGH TO PU 1JT WITH FLP VALVE ON TOP OF JT & SCREWED JT TOGETHER WITH TBG SWIVEL & RIH WITH JT & LAID DOWN TBG SWIVEL & RU TONGS & RIH WITH 25 JTS & TAGGED @ 9146' HAD 44' OF SAND ON TOP OF THE # 2 PLUG & WASH DOWN TO 9190' & CIR HOLE FOR 1HR WHEN FLOW LINE PLUG & TURN WELL TO EARTH PIT FROM THE SOUTH VALVE WHILE CREW WORK ON UNPLUGGING THE LINE WORK ON IT FOR 1.5 HR & UNPLUGGED IT. CIR BOTTOM UP & RD TBG SWIVEL & POH WITH 25 JTS TO THE FLP VALVE ABOVE PERF & SDFN. RECOVERED 3726 BBLS TOTAL ISIP: 1200 PSI.

## WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**
DIVISION: TEXAS EVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : SEC 1, BLK 3, 1980' N, 1760' WCOUNTY & STATE : AndrewsTXCONTRACTOR : MASON WELL SERVICE/ WES #203WI % : 100.0000 AFE # :API # : 42-003-44217PLAN DEPTH : 11,500 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

FORMATION: RP
**REPORT DATE:** 10/30/2012 MD: 11,514 TVD: 0 DAYS: 5 MW: VISC:
DAILY : DC: \$0 CC: \$11,780 TC: \$11,780CUM : DC: \$0 CC: \$37,361 TC: \$37,361

## DAILY DETAILS:

AOL & 7:30AM CHKD CSG PRES 1000 PSI, TBG PRES 0. OPEN WELL TO TEST TANK & BLED PRES DOWN TO 300 PSI OPEN TBG RAMS & RIH WITH 12 STDS OUT OF DEREK & RU TBG SWIVEL WITH JT 281. LOADED TBG WITH BW. BEGAN DRILLING ON PLUG #2 @ 8:45AM. 9:14 AM DRILL OUT PLUG #2 SAW NO PRES INCREASE ALL WTR. 9:30 AM RD TBG SWIVEL & RIH WITH 8 JTS & JT 289 & 10' OUT & TAGGED @ 9452' HAVE 18' OF FILL & PART OF PLUG #2 TO FINISH DRILLING OUT. 10:08AM FINISH DRILLING PLUG #2 & WASH SAND DOWN TO PLUG #3 @ 9470'. 11:31AM DRILL OUT PLUG 3, ALL WTR & SOME ACID GAS NO PRES INCREASE. PLUG DRILLED IN 1 HR 20 MINS. 11:50 AM STARTED TO SHOW OIL CUT 1% RD TBG SWIVEL & RU TONGS & PU 16 JTS & RIH & TAGGED FILL @ 1:06 PM @ 9953' HAD 27' OF FILL & PART OF COMP 3. 1:30 PM FLOW LINE PLUG OPEN WELL TO PITT & BROKE DOWN FLOW LINE & FOUND 2 PEACES OF COMP PLUG UPPER SLIPS. PUT LINE TOGETHER @ 2PM & OPEN WELL TO TEST TANK. DRILLED UP THE REST OF PLUG 3 & WASH SAND DOWN TO 9980' TO PLUG #4. 3:12 PM DRILLED THE TOP SLIPS OF PLUG 4 & STARTED TO PUSH TBG UP HOLE. SIW FOR 10 MINS PRES CLIMBED TO 890 PSI. 3:30 PM OPEN WELL & TRIED TO DRILL PLUG. PRES WOULD STOP TBG SWIVEL & WOULD LOOSE WEIGHT ON THE INDICATOR. SIW AGAIN FOR 20 MIN. 3:50 OPEN WELL TRIED TO DRILL PLUG NO LUCK PRES WOULD STOP SWIVEL. 4:15 PM FLOW LINE PLUG OPEN WELL TO PITT & BROKE DOWN FLOW LINE & FOUND PEACES OF HOLE SLIPS FROM COMP PLUGS. SLIPS LOOK LIKE THEY ARE COMING APART BEFORE DRILLING SLIPS UP & PLUGGING LINE WHEN BOTTOM REACH SURFACE. 5:30 PM OPEN WELL & CHKD TBG WEIGHT PRES STILL PUSHING TBG UP HOLE. POH WITH 22 STDS & PU ABOVE PERF& SDFN TO LET WELL EQUALIZE OVER NIGHT. TOTAL FL: 3206 BBLS HR: 246.62 BBLS RATE: 4.1 BPM OIL: 1%.

**REPORT DATE:** 10/31/2012 MD: 11,514 TVD: 0 DAYS: 6 MW: VISC:
DAILY : DC: \$0 CC: \$13,887 TC: \$13,887CUM : DC: \$0 CC: \$51,248 TC: \$51,248

## DAILY DETAILS:

AOL & CHKD CSG PRES 1000 PSI, CHKD TBG PRES 0 PSI. OPEN FLOW LINE TO TEST TANKS & BLED PRES DOWN TO 300 PSI. RIH WITH 2 STDS & TAGGED UP LAID DOWN 1 JT & PU TBG SWIVEL BEGAN DRILLING ON IT & FELL THROUGH. RIH WITH 20 STDS OUT OF DEREK DOWN TO 9980' & TAGGED PLUG 4. HAD GAS BUSTER FILL UP IN 20 MIN 250 BBLS 99% WTR & 1% OIL LOTS OF GAS. RU TBG SWIVEL & PUMP 10 BBLS OF BW & BEGAN DRILL PLUG 4 PRES KEEP STOPPING TBG SWIVEL DRILL SLOWLY & FELL THROUGH. CHASE PLUG DOWN TO 10150' HAD 10' OF FILL. WASH SAND DOWN TO 10160'. CIR HOLE FOR 15 MIN & BEGAN DRILLING ON PLUG # 5 @ 10:50 AM & FELL THROUGH @ 11:27 AM SAW A 100 PSI INCREASE & STRONGER FLOW GAS & 2% OIL & 98% WTR. 12:02 AM RIH & TAGGED UP 10690'. HAD 20' OF FILL ON PLUG #6. BROKE CIR & FINISH DRILLING PLUG #5 & WASH SAND TO 10710' & CIR BOTTOM FOR 40 MIN. 1: PM STARTED TO DRILL ON PLUG #6. DRILL 8 " WHEN IT SHOWED 300 PSI INCREASE & BEGAN TO PUSH TBG UP HOLE STOPPING SWIVEL & LOOSE TBG WEIGHT. SIW FOR 10 MIN & PRES CLIMBED TO 1000 PSI. OW & BEGAN TO DRILL PLUG HAD TO CHOKE VALVE TO GET TBG WEIGHT BACK & STARTED TO DRILL PLUG 6. 3:23 PM PLUG DRILL LOOSE & CHASE PLUG TO 10923' & TAGGED FILL & PART OF PLUG 6. HAD STRONG FLOW OF FLD & FORMATION GAS & 2% OIL HAD TO GET 2 MORE HAUL TRKS TO KEEP UP WITH TANKS. FINISH DRILLING UP PLUG 6 & WASH SAND DOWN TO 10940'. CIR BOTTOM UP FOR 30 MIN. STARTED TO DRILL PLUG 7 @ 4:07 PM. 5:12PM PLUG 7 DRILL LOOSE DID NOT SEE PRES INCREASE OR FLOW. CHASE THE REST OF PLUG 7 TO 11080' & TOOK 3 PTS & PLUG 8 CAME FREE CHASED BOTH PLUGS TO 11197' TAGGED UP. PUH & CIR BOTTOM UP FOR 1 HR & FLOW LINE PLUG UP. HAD TO SD & OPEN WELL TO PITT & BROKE DOWN FLOW LINE. WORKED ON FLOW LINE FOR 1 HR & UNPLUG LINE. RD TBG SWIVEL & POH ABOVE THE PREF SDFN. TOTAL BBLS: 5206 BBLS, 372 BBLS HR, OIL: 2% FLOW: 6.2 BPM.

**REPORT DATE:** 11/01/2012 MD: 11,514 TVD: 0 DAYS: 7 MW: VISC:
DAILY : DC: \$0 CC: \$12,487 TC: \$12,487CUM : DC: \$0 CC: \$63,735 TC: \$63,735

## DAILY DETAILS:

AOL & 7:30 AM CHKD CSG PRES 700 PSI, TBG PRES 700 PSI. BLED CSG OFF TO 300 PSI & PUMPED 10 BBLS OF BW KILL TBG RIH TO 11197' & RU TBG SWIVEL BROKE CIR & BEGAN DRILLING UP PLUG 7 & 8. 9:40 AM PLUGS DRILL THROUGH & WASH SAND DOWN TO 11200' & CIR HOLE FOR 30 MIN. BEGAN DRILLING PLUG 9 @ 10:30 AM DRILL 8 " & BEGAN TO LOOSE STRONG FLOW HAD TO RELEASE 2 TRKS BECAUSE OF FLOW. FLOWED ALL WTR PLUG DRILL LOOSE @ 11:30 AM CHASE PLUG DOWN TO 11368' & BEGAN DRILLING UP THE REST OF THE PLUG 9 & WASH SAND DOWN TO 11456' TO PBTD. STARTED TO CIR BOTTOM UP @ 12PM FOR 3HRS. STOP CIR @ 3PM 2% OIL & HOT WTR. RD TBG SWIVEL & POH TO FLP VALVE & CHK TBG PRES 0 UNSCREWED FLP VALVE & FINISH POH WITH L-80 TBG. SDFN & BE READY TO LAY DOWN 90 JTS OF J-55 TBG. TOTAL BBLS: 4260 BBLS, OIL: 2%, HR: 355 BBLS, FLOWED: 5.91 BPM.

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**DIVISION: TEXAS EVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : SEC 1, BLK 3, 1980' N, 1760' WCOUNTY & STATE : AndrewsTXCONTRACTOR : MASON WELL SERVICE/ WES #203WI % : 100.0000 AFE # :API # : 42-003-44217PLAN DEPTH : 11,500 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

FORMATION: RP**REPORT DATE:** 11/02/2012 MD: 11,514 TVD: 0 DAYS: 8 MW: VISC:DAILY : DC: \$0 CC: \$12,487 TC: \$12,487CUM : DC: \$0 CC: \$76,222 TC: \$76,222

## DAILY DETAILS:

AOL & CHKD CSG PRES 600, TBG PRES 400 PSI. RU REV UNIT ON THE TBG & PUMP 10 OF BW & KILL TBG & BLED CSG DOWN TO 150 PSI. OPEN BOP & LAY DOWN 90 JTS OF 2-3/8" J-55 TBG. RIH WITH 110 JTS OF 2-3/8" L-80 L:3565.47', 1-4'X2-3/8" L-80 SUB AS A MARKER SUB. CIR 180 BBLS BW DOWN THE TBG & PITCH CSG TO KILL WELL. OPEN CSG TO EARTH PIT TO CHK FOR FLOW BLED TO 0 & PUT IN WRAP AROUND THROUGH BOP & LOCK IN HOLD DOWN SCREWS. RD FLOOR & ND HYDRO BOP & NU WH. RU REV UNIT & PUMPED 1 BBL THEN DROPPED THE S.S. BALL & PUMPED 15 BBLS & PRES UP TO 2100 PSI WHEN THE POS PUMPED OFF & CHASED IT WITH 50 BBLS OF BW. HAD RUSTABOUT TO COME IN NU FLOW LINE & RD WSU & HAD WTR TRKS HAUL THE WTR OFF. MOVE WELL SERICE UNIT THE RUTH 403.

## Tubing Detail (top to bottom)

Joints	Description	Footage	Depth
1	KB	14.00	14.00
110	2-3/8" L-80 8 RD TBG	3,565.47	3,579.47
1	4'X2-3/8" L-80 SUB	4.00	3,583.47
158	2-3/8" J-55 8 RD TBG	5,188.36	8,771.83
1	POS	1.86	8,773.69

**REPORT DATE:** 11/26/2012 MD: 11,514 TVD: 0 DAYS: 9 MW: VISC:DAILY : DC: \$0 CC: \$6,739 TC: \$6,739CUM : DC: \$0 CC: \$82,961 TC: \$82,961

## DAILY DETAILS:

AOL & RU WSU & CHKD TBG PRES 80 PSI, CSG PRES 140 PSI. RU VAC TRK ON CSG & OPEN VALVE & STARTED BLEEDING CSG DOWN & OPEN TBG TO GAS BUSTER & TRIED TO BLED TBG OFF IT WOULD NOT BLED OFF. RU PUMP TRK & PUMPED 15 BBLS OF BW DOWN THE TBG & WENT IN A VAC. KEPT BLEEDING DOWN CSG TO VAC TRK & BLED DOWN TO 50 PSI & ND WH & NU BOP & BACK OFF SET SCREW FOR THE WRAP AROUND & POH WITH WRAP AROUND & CLOSED TBG RAMS. RU PUMP TRK ON CSG & PUMPED 15 BBLS OF BW SLOWLY WITH OUT CHARGING FORMATION UP WELL WENT IN A VAC & POH WITH TBG & SDFN. BE READY TO RIH WITH BAILER FIRST AM.

**REPORT DATE:** 11/27/2012 MD: 11,514 TVD: 0 DAYS: 10 MW: VISC:DAILY : DC: \$0 CC: \$7,728 TC: \$7,728CUM : DC: \$0 CC: \$90,689 TC: \$90,689

## DAILY DETAILS:

AOL & CHKD CSG PRES 200 PSI BLED WELL DOWN TO GAS BUSTER 100 PSI WELL KEPT GAS & FLOWING OIL. RU PUMP TRK & PUMPED 40 BBLS OF BW & KILL WELL & RU VAC TRK ON CSG & HOLD A VACUUM. PU RIH WITH 4-3/4" NONE SKIRTED BIT & RIH WITH 30 JTS OF 2-3/8" CAVITY PU BAILER & FL, DS, 4'X2-3/8" HANDLING SUB. RIH WITH THE REST OF TBG & TAGGED UP AT 11451' BAIL IT TO 11456' HAD A TOTAL OF 5' OF FILL. POH WITH 110 JTS OF L-80 & LAID DOWN 89 JTS OF J-55 TBG 2-3/8" TBG. SDFN BE READY TO FINISH POH WITH REST OF TBG & BAILER.

**REPORT DATE:** 11/28/2012 MD: 11,514 TVD: 0 DAYS: 11 MW: VISC:DAILY : DC: \$0 CC: \$7,728 TC: \$7,728CUM : DC: \$0 CC: \$98,417 TC: \$98,417

## DAILY DETAILS:

AOL & CHKD CSG PRES 220 PSI, TBG PRES 200 PSI. RU VACUUM TRK ON THE CSG & BLED WELL DOWN IN TRK & OPEN TBG TO GAS BUSTER BLED DOWN TBG. PUT A VACUUM ON THE CSG & OPEN BOP & FINISH POH WITH J-55 TBG & DRAIN BALER. PU & RIH WITH 2 JTS OF 2-3/8" TBG FOR BPMA, 2-3/8"X10' CAVINS DESANDER WITH A 32 ORPHEUS, 2-3/8"X4' J-55 SUB, 2-3/8" SN, 2 JTS OF TK-99 2-3/8", 2-3/8"X5.5" TAC 158 JTS OF J-55 2-3/8" TBG 8RD EUE, 110 JTS OF L-80 2-3/8" TBG 8RD EUE & SET END OF TBG @ 8901.61'. ND BOP & SET 5.5 TAC WITH 13 PTS OF TENSION & NU WH & DROP 4 CHEMICAL STICKS & MIX 10 GALS OF CORROSION EXHIBITER WITH 5 BBLS OF PW & FOLLOWED BY 44 BBLS OF BW. RD VAC TRK & RELEASE IT. PERP TO RIH WITH RDS. PU A 2'X1.5"X20' PUMP WITH A 4' 3/4" GUIDED SUB, 12-1.25" K-BARS, 39 3/4" N-90 CHKD TORQUE ON RDS, 1-2'X3/4" N-97 MARKER SUB, 56-3/4" N-96 & SDFN.

# WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**DIVISION: TEXAS EVENT: 2FIELD : SPRABERRY (TREND AREA)LOCATION : SEC 1, BLK 3, 1980' N, 1760' WCOUNTY & STATE : AndrewsTXCONTRACTOR : MASON WELL SERVICE/ WES #203WI % : 100.0000 AFE # :API # : 42-003-44217PLAN DEPTH : 11,500 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

FORMATION: RPREPORT DATE: 11/29/2012 MD: 11,514 TVD: 0 DAYS: 12 MW: VISC:DAILY : DC: \$0CC: \$3,928TC: \$3,928CUM : DC: \$0CC: \$102,345TC: \$102,345

## DAILY DETAILS:

AOL & CHKD TBG PRESS 50 PSI, BLED WELL TO 0 ALL GAS. LAID DOWN POLISH RD & FINISH RIH WITH WITH 244-3/4" N-96 RDS & SPACED WELL & ADDED 1-8'-6'-4'X3/4" N-97 ROD SUBS & HWO & RU PUMP TRK & LD THE TBG WITH 10 BBLs OF BW & PRESS UP ON TBG TO 500 PSI TBG HELD GOOD. BLED PRESS OFF & CHKD PUMP ACTION IT PUMP UP TO 500 PSI IN 6 STRKS. BLED PRESS OFF & LET THE GANG RU FLOW LINE & LET THE WELL PUMP FOR 30 MIN TO MAKE IT WAS PUMPING FINE. RD WSU & MOVE TO THE BILLIE 1811.

## Tubing Detail (top to bottom)

Joints	Description	Footage	Depth
110	2-3/8 L-80 TBG EUE 8RD	3,565.47	3,565.47
1	2-3/8 L-80 TBG SUB 4'	4.10	3,569.57
158	2-3/8 J-55 TBG EUE 8RD	5,188.36	8,757.93
1	2-3/8 X 5-1/2 TAC W/ CS	2.70	8,760.63
2	2-3/8 TK-99 EUE 8RD	64.50	8,825.13
1	2-3/8 SN		1.10 8,826.23
1	2-3/8 J-55 TBG EUE 8RD 4' Sub	4.10	8,830.33
1	2-3/8 x 10' Cavins Desander W/ #3 orifice	10.00	8,840.33
2	2-3/8 J-55 TBG EUE 8RD BPMA	63.50	8,903.83

## Rod Detail (top to bottom)

Rods	Description	Footage	Depth
1	1-1/4 X 26' POLISH ROD W/ 16' PRL	18.00	18.00
3	3/4 X8',6',4' N-97 PONY ROD W/FHSM	18.00	36.00
300	3/4 N-96 RODS W/FHSM	7,500.00	7,536.00
1	3/4 X 2' N-97 PONY W/FHSM		2.00 7,538.00
39	3/4 NORRIS N-90 RODS W/FHSM	975.00	8,513.00
12	1-1/4" K- BARS	300.00	8,813.00
1	2 X 1-1/2 x 20' RHBC DV	20.00	8,833.00
	1" x 12" Strainer Nipple		8,833.00



## WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**

 DIVISION: TEXAS EVENT: 3

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : SEC 1, BLK 3, 1980' N, 1760' W

 COUNTY & STATE : Andrews
TX

CONTRACTOR :

 WI % : 100.0000 AFE # :

 API # : 42-003-44217

 PLAN DEPTH : 11,500

 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

 FORMATION: RP
**REPORT DATE:** 02/07/2013 MD: 0 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$7,700 TC: \$7,700

 CUM : DC: \$0 CC: \$7,700 TC: \$7,700
**DAILY DETAILS:**

MIRU, REMOVE HH, BLEAD PRESS OF WELL, TOH W/61-3/4" N-96 RODS , (BODY BREAK 61 RODS DOWN-6' FROM WRENCH FLAT , VERRY SMALL CORR PIT), JUST AS WE GOT OUT OF HOLE WELL BLOWED OUT & COVERED DRAW WORKS & ENGINE W/ OIL , SHUT DOWN & GOT STEAMER TO CLEAN RIG, RIG UP PUMP TRK PUMPED 7 BBLS BRINE DOWN TBG ,TIH W/ 2" FISH TOOL W/ 1 5/8" SLEAVE & 61 RODS , LATCHED ONTO FISH & UNSEATED SSP, PUMPED 16 BBW DOWN TBG , TOH W/ 300-N-96 RODS 1-3/4"X2' PONY, 39- 3/4" N-90 RODS, 12- K-BARS 1-2"X1 1/2"X20' SSPW/12" STRAINER NIPPLE. TIH W/ 2"X1 1/2"X20' SSPW/ 12"STRAINER NIPPLE , 12- 1 1/2" K-BARS, ( CHANGED ROD BOXES ON K- BARS ) PICKED UP PL & SB & CLOSED WELL IN ,SION

**REPORT DATE:** 02/09/2013 MD: 0 TVD: 0 DAYS: MW: VISC:

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

 CUM : DC: \$0 CC: \$7,700 TC: \$7,700
**DAILY DETAILS:**

BLEAD PRESS OFF WELL, POUR 5 GAL-BIocide & 5 GAL CORR CHEM DOWN TBG & FLUSH W/ 35 BBW, @ 1 BPM, TIH W/39 3/4" N-90 RODS, 1-3/4"X2' N-97 PONY ROD, 300- 3/4" N-96 RODS , 4'-6'-8'-N-97 PONY RODS, 1-1 1/4"X26'PR& 1 1/2" PRL, HUNG ON PUMPING UNIT,RIG UP PUMP TRK LOAD TBG W/20 BBW, TEST TBG TO 500# HELD GOOD, PRESS UP W/PUMP UNIT TO 500# HELD GOOD , SET BPV ON 200# ,LEFT WELL PUMP ON HAND, RDMO, NOTIFIED PUMPER WELL WAS BACK ON, FINAL REPORT.

OBJECTIVE- REPAIR R/P, INSPECT RODS & FOUND NO MORE CORR & ROD BOXES NOT WORN, REEF CAME BY & PICKED UP ROD SAMPLES

**REPORT DATE:** 02/11/2013 MD: 0 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0 CC: \$4,075 TC: \$4,075

 CUM : DC: \$0 CC: \$11,775 TC: \$11,775
**DAILY DETAILS:**

MIRU, REMOVE HH, BLEAD PRESS OFF WELL, TOH W/ 69 3/4"N-96 RODS, ROD # 69 N-96 BODY BREAK 5" FROM WRENCH FLAT ( CORR PITTING ), CALLED REEF CHEM TO PICK UP ROD SAMPLE, TIH W/ 2" FISHING TOOLW/ 1 5/8" SLEEVE & 69 3/4" N-96 RODS , LATCHED ONTO FISH UNSEAT SSP, TOH W/302 3/4" N-96 RODS & LAYED DOWN N-96 RODS, HUNG 38 3/4" N-90 RODS IN DERRICK,LAYED DOWN 12 1 1/2" SINKER BARS, 1-3/4" RGSX4', 1-2"X1 1/2"X20' SSP, 12" STRAINER NIPPLE, SECURE WELL SION,

## WELL CHRONOLOGY REPORT

**WELL NAME : UNIVERSITY CAMILLE 106**

 DIVISION: TEXAS EVENT: 4

 FIELD : SPRABERRY (TREND AREA)

 LOCATION : SEC 1, BLK 3, 1980' N, 1760' W

 COUNTY & STATE : Andrews
TX

CONTRACTOR :

 WI % : 100.0000 AFE # :

 API # : 42-003-44217

 PLAN DEPTH : 11,500

 SPUD DATE : 09/05/2012

DHC :

CWC :

AFE TOTAL :

 FORMATION: RP
**REPORT DATE:** 02/11/2013 MD: 0 TVD: 0 DAYS: MW: VISC:

 DAILY : DC: \$0

 CC: \$0

 TC: \$0

 CUM : DC: \$0

 CC: \$0

 TC: \$0

DAILY DETAILS:

MIRU, REMOVE HH, BLEAD PRESS OFF WELL, TOH W/ 693/4"N-96 RODS, ROD # 69 N-96 BODY BREAK 5" FROM WRENCH FLAT ( CORR PITTING ), CALLED REEF CHEM TO PICK UP ROD SAMPLE, TIH W/ 2" FISHING TOOLW/ 1 5/8" SLEEVE & 69 3/4" N-96 RODS , LATCHED ONTO FISH UNSEAT SSP, TOH W/302 3/4" N-96 RODS & LAYED DOWN N-96 RODS, HUNG 38 3/4" N-90 RODS IN DERRICK,LAYED DOWN 12 1 1/2" SINKER BARS, 1-3/4" RGSX4', 1-2"X1 1/2"X20' SSP, 12" STRAINER NIPPLE, SECURE WELL SION,