

08-30-14 MI & RU LATSHAW RIG #34, 24 HRS MI; FINISHED MI & RU.

08-31-14 (1) RIG REPAIR @ 186'
 DETAIL: 8 HRS RIGGING UP; 1-1/2 HRS TALLY AND CALIPER BHA; 2-1/2 HRS RIG REPAIR –WAITING ON X-OVER SUBS; 3-1/2 HRS PU BHA (WORK ON TONGS DYES); 1 HR SPUD; WELL SPUD @ 10:30 PM 8/30/14; 2 HRS WAIT ON X-OVER SUB FOR WINK TOOL, 4-1/2 HRS DRLG FROM 97' – 186' (LOT OF CONNECTION TIME), 1 HR RIG REPAIR – REPLACE GASKETS ON STANDPIPE HOSE.

09-01-14 (2) CIRC CASING @ 1460' (1274')
 DETAIL: ½ HR CONDITION MUD AND CIRCULATE; 6 HRS TOH LD STABILIZERS, THRUSTER, MWD TOOL; 2-1/2 HRS TIH, WASK DOWN LAST STAND ON WIPER TRIP; 1-1/2 HRS CONDITION MUD AND PUMP SWEEP; 1-1/2 HR TIH; 2-1/2 HRS TOH X LAYDOWN 8" DC; ½ HR SERVICE RIG; 2 HRS CHANGE OUT BALES AND RIG UP CASING CREW; 6-1/2 HRS RUN 13-3/8" CASING TO 1460'; ½ HR CIRC CASING.
 CASING DETAIL: KB @ 3310.3; SET 37 JTS 13-3/8" 54.50# J-55 BTC CASING SET AT 1460'

09-02-14 (3) RIG UP GAS BUSTER @ 1460'
 DETAIL: ½ HR CIRC HOLE PRIOR TO PUMP CMT; 1 HR SAFETY MEETING AND RIG UP CEMENT HEAD; 3 HRS PUMP 840 SX 13.5# LEAD W/200 SX 14.8# TAIL; 6 HRS WOC – CLEAN PITS, FLUSH OUT CONDUCTOR; 1-1/2 HRS MAKE CUT OFF; 12 HRS FINISH WELDING ON HED, TEST TO 900#; START NU, INSTALL SPACER; SPOOL AND CHOKE VALVE; HOOK UP CHOKE LINE AND RIG UP GAS BUSTER.

09-03-14 (4) RIG REPAIR- REPLACE HYDRIL @ 1460'
 DETAIL: 4-½ HR NU BOP; 4 HRS TEST BOP; 15-1/2 HRS RIG REPAIR – REPLACE HYDRIL.

09-04-14 (5) RIG REPAIR- REPLACE HYDRIL @ 1460'
 DETAIL: 24 HRS RIG REPAIR.

09-05-14 (6) DRLG @ 1562' (102')
 DETAIL: 5 HRS RIG REPAIR – INSTALL ROTATING HEAD; FLOWLINE, TURN BUCKLES, TEST HYDRIL, TEST CASING; 3 HRS INSTALL WEAR BUSHING, MOUSEHOLE; 4 HRS MAKE UP BHA AND TRIP IN HOLE; 1 HR TIH – TAG CMT @1363'; TOH – PICK UP SUB; 1 HR TIH; 3-1/2 HRS DISPLACE HOLE WITH BRINE AND DRILL CEMENT; FLOAT COLLAR @ 1385' AND CEMENT; 3-1/2 HRS DRILL FORMATION FROM 1460' – 1562'.

09-06-14 (7) DRLG @ 2614' (617')
 DETAIL: 9 HRS DRLG; ½ HR RIG REPAIR & MAINTENANCE; 14-1/2 HRS DRLG.

09-07-14 (8) WO TOP DRIVE REPAIR @ 3348' (729')
 DETAIL: 10-1/2 HRS DRLG; 1 HR RIG MAINTENANCE; LONGER RIG SERVICE IN ORDER TO GREASE CROWN; 10-1/2 HR DRLD TO 3348'. 2 HRS WAITING – ELECTRICAL AND ISSUES WITH TOP DRIVE (UNABLE TO SHOW NPT).

09-08-14 (9) REPLACING TRACTION MOTOR ON TOP DRIVE @ 3348' (0')
 DETAIL: 24 HRS REPAIRED GROUND FAULT. POOH. REMOVE TRACTION MOTOR. REPLACED TRACTION MOTOR. POH W/BHA & TIH.

09-09-14 (10) WORKING ON ELECTRICAL SHORT IN TOP DRIVE @ 3348' (0')
 DETAIL: 24 HRS REPAIRING TOP DRIVE.

09-10-14 (11) WORKING ON TOP DRIVE @ 3348' (0')
 DETAIL: 24 HRS RIG REPAIR, REPLACED TRACTION MOTOR ON TOP DRIVE.

09-11-14 (12) DRLG @ 3412' (64') 70% ANHYDRITE, 20% SHALE, 10% DOLOMITE
 DETAIL: 12 HRS RIG REPAIR- FINISH HOOKING UP CABLES AND TESTING THE DRILLER'S SIDE TRACTION MOTOR ON THE TOP DRIVE; 2 HRS HT RIG REPAIR- PICK UP BHA & TIH W/BIT #2RR; 2 HRS WORK ON DAYWORK – DRILLING FROM 3348' – 3412' (64' @ 32 FPH); NOTE: BACK ON DAYWORK @ 4:00 A.M. 9/11/14 DOWN EXACTLY 4 DAYS (96 HRS).

09-12-14 (13) DRLG @ 4101' (689') 80% DOLOMITE, 20% SANDSTONE @ 4074'
 DETAIL: 4 HRS DRILLING FROM 3412' TO 3537'= 125' AT 31.25 FPH-WOB 20K; SPM 160; PUMP PSI. 2100; DIFFERENTIAL PSI. 250; RPM 60; MRPM 86; TORQUE ON BOTTOM 6K; OFF BOTTOM 1K; 4 HRS DRILLING FROM 3537' TO 3675'= 138' AT 34.5 FPH-WOB 20K; SPM 160; PUMP PSI. 2100; DIFFERENTIAL PSI. 300; RPM 60; MRPM 86; TORQUE ON BOTTOM 6K; OFF BOTTOM 2K; 5 HRS DRILLING FROM 3675' TO 3821'= 146' AT 29.2 FPH-WOB 20K; SPM 160; PUMP PSI. 2250; DIFFERENTIAL PSI. 250; RPM 60; MRPM 86; TORQUE ON BOTTOM 6K; OFF BOTTOM 2K; 1 HR SERVICE RIG AND TOP DRIVE; 10 HRS DRILLING FROM 3821' TO 4101'= 280' AT 28 FPH-WOB 20K; SPM 160; PUMP PSI. 2250; DIFFERENTIAL PSI. 250; RPM 60; MRPM 86; TORQUE ON BOTTOM 6K; OFF BOTTOM 2K.

09-13-14 (14) WAITING ON NEW TRACTION MOTOR @ 4146' (45') 80% DOLOMITE, 20% SAND
 DETAIL: 1-1/2 HRS DRLG FROM 4101' TO 4146'= 45' AT 30 FPH-WOB 20K; SPM 160; PUMP PSI. 2100; DIFFERENTIAL PSI. 250; RPM 60; MRPM 86; TORQUE ON BOTTOM 6K; OFF BOTTOM 1K; 2 HRS DRILLER SIDE TRACTION MOTOR ON TOP DRIVE SPARKING AND SMOKING; GIVING MULTIPLE GROUND FAULTS; PUMP 25 BARREL SWEEP AND CIRCULATE OUT; 1 HR TOH F/4146'-1410'; 2-1/2 HRS DIAGNOSE TOP DRIVE TRACTION MOTOR; MOTOR AND CONTROL PANEL ARE BURNT; 4 HRS FINISH TOH AND LAY DOWN BHA F/1410'-0'; 3 HRS REMOVE BURNT TRACTION MOTOR FROM TOP DRIVE; 10 HRS WAIT ON NEW TRACTION MOTOR AND SERVICE LOOP.

- 09-14-14 (15) TROUBLE SHOOTING SHORT @ 4146' (0')
 DETAIL: 2-1/2 HRS WAIT ON NEW TRACTION MOTOR AND SERVICE LOOP; 3 HRS UNLOAD TRACTION MOTOR AND DRESS OUT TO BE INSTALLED; OHM OUT MOTOR. MOTOR IS GOOD; 1-1/2 HRS INSTALL TRACTION MOTOR ON TOP DRIVE; 17 HRS WIRE IN TRACTION MOTOR AND SERVICE LOOPS. COULD NOT TEST MOTOR. SHORT IN WIRING, TROUBLE SHOOT SHORT.
- 09-15-14 (16) TROUBLE SHOOTING SHORT @ 4146' (0')
 DETAIL: 12 HRS DRYING RESISTOR GRIDS; 12 HRS TOP DRIVE TECHNICIAN TROUBLE SHOOTING WIRING AND CABLES IN TOP DRIVE. TOP DRIVE SHOWING LOW LUBE PRESSURE, LOW BLOWER PRESSURE, AND MOTOR OVER TEMPRATURE CODES ALSO TROUBLE SHOOT RECTIFIER, AND VFD HOUSE; RIG HAS BEEN ON DOWN TIME SINCE 07:30 CST 9-12-2014.
- 09-16-14 (17) DRLG 4180' (34') 80% DOLOMITE, 20% SAND @ 4146'
 DETAIL: 12 HRS TROUBLE SHOOT RESISTOR PANEL, TAKE PANEL APART AND CLEAN. REASSEMBLE RESISTOR PANEL; 6 HRS CONTINUE TO CLEAN RESISTOR BANKS WITH PSI WASHER; OMRON TECH TESTED RESISTOR BANK-CHECKED OUT OK FUNCTION TEST TOP DRIVE AND DRAWWORKS-CHECKED OUT OK; 4 HRS PICK UP BHA AND TIH WITH BIT #2RR; SAFETY REAM FROM 4056 TO 4146'; 2 HRS DRL FROM 4146' TO 4180'; NOTE: RIG HAS BEEN ON DOWN TIME SINCE 07:30 CST 9-12-2014; DAYWORK BEGINS AT 04:00 9/16/2014.
- 09-17-14 (18) DRLG 4795' (615') 100% DOLOMITE @ 4679'
 DETAIL: 23 HRS DRILL FROM 4180' TO 4795' - 615' IN 23 HR AT 26.7FPH; 1 HOUR RIG SERVICE; PREP TO RUN FLUID CALIPER; TOP OF SAN ANDRES AT 4324'; SURVEY@ 4753' .3 DEG WITH 74.1 AZM.
- 09-18-14 (19) DRLG 4820' (25') 100% DOLOMITE @ 4679'
 DETAIL: 1/2 HR DRILL FROM 4795 - 4820'-25' IN 30 MINS 12.250" HOLE IS TD AT 4820'; 3 HRS CIRCULATE SWEEP & PUMP FLUID CALIPER. ANNULAR VOL IS 2918CU/FT. AVG HOLE SIZE IS 14.250" WILL PUMP 1300SX LEAD & 200SX TAIL; 5 HRS TOH & LAY DOWN BHA, 2-1/2 HRSPUMP OUT CELLAR, BACK OUT SET SCREWS ON WELL HEAD TO REMOVE WEAR BUSHING. REMOVE WEAR BUSHING; 1/2 HR RIG UP CASING CREW; 12-1/2 HRS RIG REPAIR RECEIVED ALARM ON THE TOP DRIVE BLOWER MOTOR; NOTE: REPLACED THE RESISTOR GRID INSULATORS. 16 INSULATORS/GRID. 8 GRIDS. FOUND 10 WIRES WITH NICKS/CUTS AND REPLACED; FOUND LEADS ON 4 PLUGS THAT WERE BURNT AND REPLACED. REPAIRED THE HIGH TEMP ALARM ON THE LEFT BLOWER MOTOR ON THE TOP DRIVE; RIG HAS BEEN ON DOWN TIME SINCE 17:30 9-17-2014.
- 09-19-14 (20) RD BAKER HUGES & BREAK OUT LANDING JT 4820' (0')
 DETAIL: 9-1/2 HRS RIG REPAIR - HAD TO GO BACK TO THE TOP DRIVE HIGH TEMP FAN MOTOR ALARM TO TROUBLESHOOT, AND RECONNECT 2 CROSSED WIRES; 8-1/2 HRS TESCO SAFETY MEETING AND START RUNNING 9 5/8" CSG. CASING LANDED AT 4797'; 1-1/2 HRS CIRCULATE AND CONDITION MUD; 1/2 HR SAFETY MEETING WITH BAKER HUGHES AND TEST LINES TO 3000PS; 2-1/2 HRS PUMP 1300SX, 567BBLS LEAD CEMENT 11.8PPG, 2.45 YIELD X PUMP 200SX, 47BBLS TAIL CEMENT 14.8PPG, 1.34 YIELD, DISPLACE WITH 357 BBLS FRESH WATER FROM PITS. CIRCULATE 70BBLS CEMENT TO RESERVE PIT & BUMP PLUG AT 04:30 WITH 1500PSI. & HELD OK. 1-1/2 HRS RIG DOWN BAKER HUGHES & BREAK OUT LANDING JOINT. NOTE: RUN 20 JTS OF 9 5/8" K55, 40# HIGH COLLAPSE CASING LANDED AT 4797' TOP OF HIGH COLLAPSE IS 3954'; RUN 91 JTS OF 9 5/8" J55 40# FROM 3954' TO SURFACE WITH CENTRILIZERS PLACED ON JOINTS #1, #3 AND EVERY 4TH JOINT TO SURFACE.
- 09-20-14 (21) DRLG @ 5055' (235') 70% LMY DOLO, 30% SANDSTONE
 DETAIL: 3-1/2 HRS CLEAN OUT CELLAR, CELLAR PUMP AND HOSES. SET PACKOFF ASSEMBLY IN THE WELLHEAD & TEST TO 3000 PSI - OK; 1-1/2 INSTALL NEW WEAR BUSHING; 1 HR LAY OUT BHA AND STRAP; 4-1/2 HRS PICK UP BIT, BHA TOOLS, HWDP; 1/2 HR TEST CASING TO 1500 PSI FOR 30 MINUTES - OK; 1 HR TRIP IN HOLE. BOP DRILL IN 45 SECONDS; 1-1/2 HRS TRIP IN HOLE AND TAG CEMENT AT 4662'; 4-1/2 HRS DRILL CEMENT FROM 4662', FLOAT COLLAR AT 4707' , DRILL FIRM CEMENT TO GUIDE SHOE AT 4797'; 6 HRS DRILL FORMATION FROM 4820' TO 5055'. 235' @ 39 FPH; NOTE: BGG IS 9-33 UNITS, NEXT TOP IS CLEARFORK WOB 10 -20
- 09-21-14 (22) RIG REPAIR @ 6039 (984') 100% DOLOMITE @ 6035'
 DETAIL: 3-1/2 HRS DRILLING; 1/2 HR WORKING ON WINC COMMANDER ON THE RIG FLOOR; 7 HRS DRLG--MADE 507' IN 10.5 HR @ 48.3 FPH 1 HR SERVICE RIG; 2 HRS DRILLING; 1 HR ISYS WORKING ON WINC COMMANDER ON THE RIG FLOOR; 8-1/2 HRS DRILLING---MADE 477' IN 10.5 HR @ 45.4 FPH; 1/2 HR RIG REPAIR-- #2 GENERATOR DOWN ON HIGH TEMP CAUSED BY FAULTY TEMPERATURE SENSOR; NOTE: POSSIBLE TOP OF CLEARFORK IS 5966'. #1 GENERATOR IS DOWN DUE TO FAILED HEAD GASKET. UNABLE TO START UP AT THIS TIME. CURRENTLY, WE ARE OFF BOTTOM 8', CIRCULATING & ROTATING AT 15 RPM. UNABLE TO PICK UP DUE TO LACK OF POWER WITH JUST 1 GEN. ADDITIONAL HARD RAIN HAS FALLEN LAST NIGHT AND CURRENTLY THIS MORNING. TRUCK WITH MUD PRODUCTS IS STUCK NEXT TO LOCATION.DIRECTIONAL TOOLS TO BE HERE MID-MORNING. WE HAVE EQUIPMENT HEADED THIS WAY TO HELP WITH GETTING TRUCKS IN/OUT OF LOCATION.

- 09-22-14 (23) LD BHA @ 6675' (636')
 DETAIL: 2 HRS RIG REPAIR-- #2 GENERATOR DOWN ON HIGH TEMP CAUSED BY FAULTY TEMPERATURE SENSOR; 1-1/2 HRS DRILLING FROM 6039' TO 6090'; 1/2 HRS RIG REPAIR-- #2 GENERATOR DOWN ON HIGH TEMP CAUSED BY FAULTY TEMPERATURE SENSOR; 8 HRS DRILLING 6090' TO 6448' - 409' IN 9.5 HR @ 43.1 FPH; DRILLING FROM 6448' TO 6675 - 227' IN 5.5 HR @ 41.3 FPH; 1 HR CIRC SWEEP; 4 HRS TOH TO BHA WE STRAPPED OUT AND PIPE TALLY WAS WITHIN 1.5'; 1-1/2 HRS LAY DOWN BHA. NOTE: BHA #1--BIT TO GAMMA IS 38'; BIT TO SURVEY IS 52'. 7 STDS OF HWDP LEFT IN DERRICK. PREPARE TO PU DIRECTIONAL TOOLS AND TIH. BEGIN BUILDING CURVE.
- 09-23-14 (24) DRILLING THE CURVE STARTING AT 6690' (15')
 DETAIL: 1/2 HR FINISH LAYING DOWN THE BHA; 2 HRS PICK UP DIRECTIONAL TOOLS; 2 HRS TIH FROM 88' TO 5112'; 1/2 HR TEST MWD TOOL; 2 HRS STRAP 30 JOINTS DRILL PIPE AND PICK UPL 1-1/2 HRS WAIT ON GRYO SURVEY; WINK TOOL DATA DID NOT PROVIDE US WITH GOOD TIE-IN NUMBERS; 5 HRS RIG UP GRYO & RUN SURVEY FROM 100' TO 6500'; 2 HRS ROTATE FROM 6675' TO 6690' -15'; 8-1/2 HRS SLIDE/ROTATE AS WE START THE CURVE AT 6690'; PREPARE TO DRILL THE CURVE FROM 6690' TO 7300' TVD.
- 09-24-14 (25) SLIDE FROM 6792' - 71718' (386') 100% DOLOMITE @ 7150' (MD)
 DETAIL: 24 HRS SLIDE FROM 6792' TO 7178' 386' @ 16.1FT/HR; NOTE: #2 PUMP DOWN FROM 1:00PM TO 8:00PM CHANGED OUT 2 SWABS AND HAD DIFFICULTY GETTING PUMP BACK TOGETHER.
- 09-25-14 (26) SLIDE DRLG @ MD 7480' (302') 100% DOLOMITE @ 7450'
 DETAIL: 24 HRS SLIDE FROM 7178' TO 7480' (302') @ 12.6 FT/HR; NOTE: LAST 1/2 HR WAS ROTATING AT 16 FT/HR; WICHITA ALBANY CAME IN AT 7164'; ADDED 45 GAL OF ENER-LUBE TO THE 80 BBL SLUP PIT TO HELP SLICK THE CURVE DURING THE SWEEPS PUMPED AT EACH SURVEY; PREPARING TO BUILD CURVE FROM 7480' TO 7624' MD--TOH TO CHANGE MOTOR/BIT.
- 09-26-14 (27) TIH @ MD 7532' (52') 100% DOLOMITE @ 7532'
 DETAIL: 2 HRS SLIDE FROM 7480' TO 7495' - 15'; 1 HR ROTATE FROM 7495' TO 7512' - 17'; 2 HRS SLIDE FROM 7512' TO 7524' - 12'; 1/2 HR ROTATE FROM 7495' TO 7512' - 17'; 1 HR CIRCULATE A 30 BBL SWEEP; 5-1/2 HRS TOH TO SWAP OUT THE CURVE ASSEMBLY FOR THE LATERAL ASSEMBLY; 1 HR REPLACE THE 2.25 DEG MOTOR FOR A 1.75 DEG MOTOR; 4 HRS NIPPLE DOWN & RAISE BOP STACK, REMOVE COLLAR CLAMP PIN THAT FELL IN HOLE AND HUNG UP BETWEEN MOTOR AND WELLHEAD; 5-1/2 HRS LOWER BOP STACK, NIPPLE UP FLOWLINE, KILL LINE, REMOVE WEAR BUSHING, TEST BOP HYDRILL TO 1500 PSI, INSTALL WEAR BUSHING; 1-1/2 HRS MAKE UP BHA, TEST MOTOR, TIH WITH BHA #2.
- 09-26-14 (28) TIH @ MD 7532' (52') 100% DOLOMITE @ 7532'
 DETAIL: 2 HRS SLIDE FROM 7480' TO 7495' - 15'; 1 HR ROTATE FROM 7495' TO 7512' - 17'; 2 HRS SLIDE FROM 7512' TO 7524' - 12'; 1/2 HR ROTATE FROM 7495' TO 7512' - 17'; 1 HR CIRCULATE A 30 BBL SWEEP; 5-1/2 HRS TOH TO SWAP OUT THE CURVE ASSEMBLY FOR THE LATERAL ASSEMBLY; 1 HR REPLACE THE 2.25 DEG MOTOR FOR A 1.75 DEG MOTOR; 4 HRS NIPPLE DOWN & RAISE BOP STACK, REMOVE COLLAR CLAMP PIN THAT FELL IN HOLE AND HUNG UP BETWEEN MOTOR AND WELLHEAD; 5-1/2 HRS LOWER BOP STACK, NIPPLE UP FLOWLINE, KILL LINE, REMOVE WEAR BUSHING, TEST BOP HYDRILL TO 1500 PSI, INSTALL WEAR BUSHING; 1-1/2 HRS MAKE UP BHA, TEST MOTOR, TIH WITH BHA #2.
- 09-27-14 (29) DRILLING LATERAL @ 7828' (296')
 TIH, REPLACE HYDRAULIC HOSE ON HAWKJAW, FINISH TIH. SLIP AND CUT DRILLING LINE. INSTALL ROTATING HEAD AND CHECK CROWN SAVER. TEST DIRECTIONAL TOOLS, OK. ROTATE FROM 7532' - 7545' (13'). SLIDE FROM 7545' - 7558' (13'). SLIDE AND ROTATE 7558' - 7828' (270') DRILLING BREAK FROM 7680' - 7740' (TVD=7280'), 110 UNITS GAS AND SOME STAIN.
- 09-28-14 (30) DRILLING LATERAL @ 8008' MD, 7287' TVD (174')
 ROTATE AND SLIDE FROM 7828' - 8002'. PENETRATIONS RATE DROPPED TO 9 FPH. POOH. FOUND CENTER OF BIT SEVERELY DAMAGED (APPEARED THAT ONE OF THE CENTER CUTTERS CAME LOOSE AND DAMAGED THE BIT). PU TRI-CONE INSERT BIT AND TEST MOTOR. PU JUNK BASKET AND TIH. WASH 180' TO BOTTOM AND WORKED JUNK BASKET. ROTATE FROM 8002' - 8008'.
- 09-29-14 (31) DRILLING LATERAL @ 8200' MD, 7282' TVD (192')
 ROTATE WITH TRI-CONE BIT FROM 8008' - 8050'. NO DRILLING ISSUES. CIRCULATE BOTTOMS UP. TOOH. BIT IN GOOD SHAPE AND FOUND NO JUNK IN BASKET. PU NEW PDC BIT AND TIH. WASH 180' TO BOTTOM, NO FILL. ROTATE AND SLIDE FROM 8050' - 8200', AVERAGING 25 - 30 FPH. CURRENTLY 7.38' ABOVE AND 7.24' LEFT OF DIRECTIONAL PLAN.
- 9-30-14 (32) DRILLING LATERAL @ 9091' MD, 7295' TVD (886')
 ROTATE AND SLIDE DRILL IN LATERAL. AVE OVERALL PENETRATION RATE = 38'/HOUR. LAST SURVEY: MD=9039', TVD=7295', INC=92.5°, AZM=345.7°, VS=1951'. CURRENTLY 5' BELOW AND 11' RIGHT OF TARGET LINE.

WAPITI 12-17 #1H	THREE BAR (WICHITA)	LATSHAW DRILLING RIG #34	ANDREWS COUNTY, TX
AFE# 1401003	SPUD DATE: 8/30/2014	API: 42-003-46553	PROP NUM: N/A
10-01-14 (33)	<u>TIH W/BIT AND MOTOR #2 @ MD 9339' (248') 100% DOLOMITE @ 9339'</u> DETAIL: ½ HR SLIDE FROM 9091' – 9112' (21') @ 42 FPH; 2 HRS ROTATE FROM 9112' – 9186' (74') @ 37 FPH; 1-1/2 HRS SLIDE FROM 9186' – 9208' (22') @ 14.6 FPH; 2 HRS ROTATE FROM 9208' – 9281' (73') @ 36.5 FPH; 1 HR SERVICE RIG; 1-1/2 HR SLIDE FROM 9281' – 9303' (22') @ 14.6 FPH; 1 HR ROTATE FROM 9303' – 9339' (36') @ 36 FPH; 1-1/2 HR PUMP SWEEP AND CIRC BOTTOMS UP.-- LITHOLOGY ON BOTTOMS UP IS 100% DOLOMITE; 5 HRS TOH FOR BIT; 4 HRS CHANGE OUT MOTOR, MWD AND BIT; 4 HRS TIH WITH BIT #7 AND MOTOR#2. NOTE: PREP TO FINISH TIH AND DRILL LATERAL HOLE, WE ARE 1.5' ABOVE AND 0.72' RIGHT OF PLAN.		
10-02-14 (34)	<u>REPAIR SWIVEL PACKING @ MD 9877' (438') 100% DOLOMITE @ 9339'</u> DETAIL: ½ HR TIH WITH BIT #7 AND MOTOR# 2; 4 HRS WASH AND REAM FROM 7515' - 9339'; 3 HRS ROTATE FROM 9339' - 9468' (129') @ 43 FPH; 1-1/2 HR SLIDE FROM 9468' - 9492' (24') @ 16 FPH; 2-1/2 HRS ROTATE FROM 9492' - 9565' (73') 29.2 FPH; 1 HR SLIDE FROM 9565' - 9588' (24') @ 24 FPH; 2 HRS ROTATE FROM 9588' - 9659' (71') @ 35.5 FPH; 1-1/2 HRS SLIDE FROM 9659' - 9680' (21') @ 14 FPH; 5 HRS ROTATE FROM 9680' - 9877' (197') @ 39.4 FPH; 1 HR TOH 5 STANDS TO REPAIR SWIVEL PACKING. NOTE: CURRENTLY 3.83' ABOVE AND 4.95' LEFT OF PLAN.		
10-03-14 (35)	<u>TROUBLE SHOOT GEN SETS @ MD 10,449' (572') 100% DOLOMITE @ 9339'</u> DETAIL: 1-1/2 HR REPLACE SWIVEL PACKING; ½ HR TEST SWIVEL PACKING; 1-1/2 HRS WASH AND REAM FROM 9375' - 9877' 4-1/2 HRS ROTATE FROM 9877' - 10037' (160') @ 35.5 FPH; 1 HR SLIDE FROM 10037' - 10054' (17') @ 17 FPH; 2 HRS ROTATE FROM 10054' - 10132' (78') @ 39 FPH; ½ HR RIG SERVICE; ½ HR WORK ON TOP DRIVE (TECH GETTING READINGS OFF OF TRACTION MOTORS); 2 HRS ROTATE FROM 10132' - 10227' (95') @ 47.5 FPH; 2 HRS SLIDE FROM 10227' - 10242' (15') @ 7.5 FPH; 4 HRS ROTATE FROM 10242' - 10417' (175') @ 43.75 FPH; 1 HR GEN SETS DOWN; 1 HR SLIDE FROM 10417' - 10437' (20') @ 20 FPH; ½ HR ROTATE FROM 10437' - 10449' (12') @ 24 FPH; 1-1/2 HR TROUBLE SHOOT GEN SETS - GEN SETS WILL NOT STAY RUNNING CHANGING FUEL FILTERS. NOTE: CURRENTLY .67' ABOVE AND 13.48' LEFT OF PLAN. 9980' FAIR SHOWS WITH GAS INCREASE TO 25 UNITS OVER 5 UNITS.		
10-04-14 (36)	<u>TIH W/ BIT #8 @ 10,575' (126')</u> FINISHED REPAIRING GEN SETS. ROTATE AND SLIDE TO 10,575' (MD). PENETRATION RATE BEGAN TO DROP. PUMP SWEEP AND CIRCULATE BOTTOMS UP. POOH FOR NEW BIT. REPAIR SHORT IN DRAWWORKS WIRING. MU NEW BIT & TIH W/ BIT #8.		
10-05-14 (37)	<u>DRILLING LATERAL @ MD 11,090 (515')</u> FINISHED TIH W/ BIT #8. WASH TO BOTTOM. ROTATE & SLIDE DRILL TO 11,090' (MD). CURRENTLY 1.26' ABOVE AND 11.76' LEFT OF PLAN.		
10-06-14 (38)	<u>POOH FOR NEW BIT @ MD 11,615' (525')</u> ROTATE & SLIDE TO 11,615'. PENETRATION RATE DROPPED. CIRCULATE SWEEP AND BOTTOMS UP. POOH. CURRENTLY 0.82' ABOVE AND 0.67' RIGHT OF PLAN.		
10-07-14 (39)	<u>WASHING TO BOTTOM @ MD 11,615' (0')</u> FINISHED TOOH W/ BIT #8. LD MWD, MOTOR & BIT. CENTER CUTTERS OF BIT WORN SEVERELY. PU BIT #9, TORQUE BUSTER, NEW MOTOR & MWD. TIH TO 4700'. SLIP & CUT DRILLING LINE. TIH TO 10,500' WITH NO PROBLEMS. WASH FROM 10,500' – 11,615' AS A PRECAUTION.		
10-08-14 (40)	<u>WASH TO BOTTOM @ MD 12,245' (630')</u> DETAIL: ½ HR PUMP SWEEP AND CIRC; 11 HRS ROTATE FROM 11615' - 11910' (295') @ 26.8 FPH; ½ HR RIG SERVICE; 3 HRS ROTATE FROM 11910' - 12005' (95') @ 31.6 FPH; 2 HRS SLIDE FROM 12005' - 12020' (15') @ 7.5 FPH; 7 HRS ROTATE FROM 12020' - 12245' (225') @ 32.1 FPH. NOTE: CURRENTLY DRLG 3.76' ABOVE AND 10.61' LEFT OF PLAN.		
10-09-14 (41)	<u>WASH TO BTM @ MD 12,450' (205')</u> DETAIL: 4 HRS ROTATE FROM 12245' - 12381' (136') @ 34 FPH; 2 HRS SLIDE FROM 12381' - 12399' (18') @ 9 FPH; 2-1/2 HRS ROTATE FROM 12399' - 12450' (51') @ 20.4 FPH; 1 HR CIRCULATE SWEEP OUT AND BOTTOMS UP; 6-1/2 HRS TOH W/ BIT # 9- MWD INTERFERENCE, COULD NOT LOG GAMMA; 2-1/2 HRS CHANGE OUT BIT AND LAY DOWN TORQUE BUSTER, TEST MOTOR AND MWD; 5-1/2 HRS TIH W/BIT #10 FROM SRFC- 9200'. NOTE: CURRENTLY .78' ABOVE AND 19.61' LEFT OF PLAN.		
10-10-14 (42)	<u>DRILLING @ MD 12,855' (401')</u> FINISHED WASHING AND REAMING TO BOTTOM. ROTATE AND SLIDE DRILL TO 12,855'. AVE ROP= 40-50 FPH WHILE ROTATING, 5-15 FPH DURING SLIDES (HAVING DIFFICULTY HOLDING A TOOLFACE). CURRENTLY 1.22' BELOW AND 36.4' LEFT OF PLAN.		
10-11-14 (43)	<u>DRILLING @ MD 13,365' (510')</u> ROTATE AND SLIDE TO 13,365'. AVE ROP=30 – 45 FPH WHILE ROTATING, 10 – 15 FPH WHILE SLIDING. CURRENTLY 8.62' ABOVE AND 44.25' LEFT OF PLAN.		
10-12-14 (44)	<u>TIH W/ NEW BIT – MD 13,580' (215')</u> ROTATE AND SLIDE TO 13,580' MD. ROP BEGAN TO DROP. PUMP SWEEP AND CIRCULATE HOLE CLEAN. POOH, NO HOLE ISSUES. PU NEW MWD, MOTOR AND BIT. TIH. REAM FROM 8150'-8245' & 8805'-8990'. CURRENTLY 9.6' ABOVE AND 43.77' LEFT OF PLAN.		

WAPITI 12-17 #1H	THREE BAR (WICHITA)	LATSHAW DRILLING RIG #34	ANDREWS COUNTY, TX
AFE# 1401003	SPUD DATE: 8/30/2014	API: 42-003-46553	PROP NUM: N/A
10-13-14 (45)	<u>WASH TO BTM @ MD 12,450' (205')</u> DETAIL: 6 HRS TIH, REAM FROM 9657' - BOTTOM; 1 HR PUMP 40 BBL SWEEP & CIRCULATE; 2 HRS ROTATE FROM 13580' - 13630' (50') @ 25 FPH; 2-1/2 HRS SLIDE FROM 13630' - 13650' (20') @ 8 FPH; 1-1/2 HRS ROTATE FROM 13650' - 13723' (73') @ 48.6 FPH; 3 HRS SLIDE FROM 13723' - 13743' (20') @ 6.7 FPH; 6 HRS ROTATE FROM 13743' - 14007' (264') @ 44 FPH; 2 HRS SLLIDE FROM 14007' - 14010' (3') @ 3 FPH. NOTE: CURRENTLY 1.92' ABOVE AND 36.8' LEFT OF PLAN; MAX FORMATION GAS A SPIKE TO 262 UNITS @ 13950' MD 7288' TVD.		
10-14-14 (46)	<u>SLIP & CUT DRILL LINE @ MD 14,324' (314')</u> DETAIL: 2-1/2 HR SLIDE FROM 14010' - 14030' (20') @ 8 FPH; 7-1/2 HRS ROTATE FROM 14030' - 14324' (294') @ 39.2 FPH; 1-1/2 HRS PUMP SWEEP & CIRCULATE OUT; 7-1/2 HRS FLOW CHECK, POOH; 1 HR TEST MOTOR & MWD, MAKE UP NEW BIT; 2-1/2 HRSTIH FILLING PIPE EVERY 30 STANDS TO CASING SHOE		
10-15-14 (47)	<u>DRLG @ MD 14,464' (140')</u> DETAIL: 3 HRS SLIP & CUT DRILL LINE; 1/2 HR INSTALL ROTATING HEAD RUBBER; 1 HR TEST MWD & FLOW CHECK; 3 HRS TIH TO 7997'; 9-1/2 HRS REAM FROM 7997' TO BOTTOM; 1 HR ROTATE FROM 14324' - 14365' (41') @ 14 FPH; 1 HR RESEAL FLOW LINE SENSOR, LEAKING FORMATION OIL ON GROUND; 3 HRS SURVEY & SLIDE FROM 14365' - 14380' (15') @ 5 FPH; 2 HRS ROTATE FROM 14364' - 14464' (100') @ 50 FPH.		
10-16-14 (48)	<u>LD BHA @ MD 14,909' (140')</u> DETAIL: 7 HRS ROTATE FROM 14464' - 14765' (299') @ 42.71 FPH; 2 HRS SURVEY & SLIDE FROM 14765' - 14775' (10') @ 5 FPH; 2-1/2 HRS ROTATE FROM 14775' - 14909' (134') @ 53.6 FPH; <u>TD WELL @ 14,909' MD</u> ; 4 HRS CIRCULATE SWEEPS OUT TWICE; 8-1/2 HRS REAM FROM 7997' TO BOTTOM. PREPARING TO TIH AND LAY DOWN DRILL PIPE.		
10-17-14 (49)	<u>MIX STARCH FOR 25 WL @ MD 14,909' (0')</u> DETAIL: TIH FROM SURFACE - 10395'; WASH AND REAM FROM 10395' - 14909'; CIRCULATE 4 SWEEPS OUT AND MIX STARCH FOR A 25 WL. PREPARING TO TIH AND LAY DOWN DRILL PIPE.		
10-18-14 (50)	<u>MIX STARCH FOR 25 WL @ MD 14,909' (0')</u> DETAIL: 18-1/2 HRS LAY DOWN DRILL PIPE AND BIT; 1/2 HR PULL WEAR BUSHING; 3 HRS WAIT ON CASING CREW; 2 HRS RIG UP CASING CREW (TESSCO). NOTE: RRC NOTIFIED @ 01:00 CST SANDY OPERATOR #4.		
10-19-14 (51)	<u>RUN 5-1/2" CSG @ MD 14,909'</u> DETAIL: 1HR RIG UP CASING CREW (TESSCO); 1/2 HR PU 1 JT CSG AND FLOAT SHOE, KNOCKED NOSE CONE OFF OF FLOAT SHOE; 1 HR PULL OFF FLOAT SHOE AND VISUALLY INSPECT. DETERMINED THAT FLOAT SHOE WAS OK; 2 HRS RUN CASING AND FLOAT SHOE, FLOAT COLLAR, LATCH DOWN COLLAR AND ORIO TOOL. PUMP THROUGH TESTED OK; 1/2 HR WORK ON TORQUE TURN; 2-1/2 HRS RUN 5 1/2" CASING FROM 110' - 700'; 1 HR WORK ON TORQUE TURN; 15-1/2 HRS RUN 5 1/2" CASING FROM 700' - 11000'.		
10-20-14 (52)	<u>RUN 5-1/2" CSG @ MD 14,909'</u> DETAIL: 5-1/2 HRS RUN 5 1/2" CASING FROM 11000' - 12200' WASH AND REAM EVERY JOINT; 1/2 HRS WORK ON TORQUE TURN; 2 HRS WORK ON CRT- CHANGE DIES; 16 HRS RUN 5 1/2" CASING FROM 12200' - 13350' WASH AND REAM EVERY JOINT.		
10-21-14 (53)	<u>RUN 5-1/2" CSG @ MD 14,909'</u> DETAIL: 5-1/2 HRS CIRCULATE OUT GAS KICK. RAISE MUD WEIGHT FROM 9.2 PPG - 9.6 PPG. INSTALL ROTATING HEAD; 18-1/2 HRS RUN 5 1/2" CASING FROM 13350' - 14076' WASH AND REAM EVERY JOINT.		
10-22-14 (54)	<u>RUN 5-1/2" CSG @ MD 14,909'</u> DETAIL: 20-1/2 HRS RUN 5 1/2" CASING FROM 14076' - 14892' WASH AND REAM EVERY JOINT; 3-1/2 HRS CIRCULATE 2 BOTTOMS UP, RIG DOWN CASING CREW.		
10-23-14 (55)	<u>RIG RELEASED @ MD TD 14,909'</u> DETAIL: 2-1/2 HRS RIG DOWN CDS TOOL AND INSTALL BAILS AND ELEVATORS; 5 HRS SAFETY MEETING WITH BAKER-HUGHES AND CEMENT 5 1/2" CASING PLUG DOWN @ 13:30 CST; 1-1/2 HRS RIG DOWN CEMENTERS; 3 HRS NIPPLE DOWN BOP AND LIFT SAME; 1 HR SET SLIPS ON 5 1/2" CASING WITH 175K ON SLIPS; 6 HRS CUT OFF AND DRESS CASING; NIPPLE UP WELL HEAD AND FRAC VALVE; 4 HRS 2.5RIG DOWN; <u>RIG RELEASED @ MIDNIGHT 10/22/14 CST. NOTES: RAN 340 JTS OF TXPBTC P-110 20# 5 1/2" CASING AND 4 MARKERS JTS OF THE SAME TO A DEPTH OF 14892'; TEAM LATCH DOWN COLLAR IS @ APPROX. 14842'; CEMENTED WITH 285 SACKS OF CLASS H 11.8 PPB 2.45 YLD CEMENT FOR LEAD; CEMENTED WITH 2375 SACKS OF CLASS H 14.2 PPB 1.24 YLD CEMENT FOR TAIL; TAIL CEMENT IS AT A CALCULATED DEPTH OF 11,256 EFFECTIVELY COVERING THE LATERAL AND CURVE; PLUG BUMPED 6 BBLs EARY FROM CALCULATED DISP. GOT BACK 3.5 BBLs; HAD GOOD LIFT OF 1500-1600 PSI BUMPED @ 4000#; FINAL RIG REPORT WILL BE IN THE MORNING; 20-1/2 HRS RUN 5 1/2" CASING FROM 14076' - 14892' WASH AND REAM EVERY JOINT; 3-1/2 HRS CIRCULATE 2 BOTTOMS UP, RIG DOWN CASING CREW. PREPARING TO MOVE RIG OFF PAD.</u>		
10-24-14	<u>MD TD 14,909' - WELL DROPPED FROM REPORT UNTIL COMPLETION COMMENCES.</u>		

11-18-14 TD 14,889'; PBTD 14,798'; MI & RU 7-1/16" PREP STACK AND SPOT 500 BBL OPEN TOP TANK. RU IRON AND MANIFOLD TO TANK. SDON; EDWC 12,705.

11-19-14 TD 14,889'; PBTD 14,798'; PRESENT OPERATIONS: GIH W/4-1/2" OD BHA AND MAKE WASHOUT RUN TO PBTD. SUMMARY: WORK DESCRIPTION: TGSM: WASHOUT PROCEDURE, PPE, OVERHEAD DANGERS MIRU GLADIATOR 2" CTU AND RELATED EQUIP, MU TTT BHA 2" CC/BPV (PULL TEST TO 25K- OK) 2.88" JARS, 2.88" HYDRAULIC DISCONNECT, 2.88" 2.5 BPM MOTOR, 4.653" STRING MILL & 4.58" JUNK MILL). TEST LUBRICATOR, STACK & FLOWBACK EQUIP TO 8,500 PSI, TEST-OK.; OW W/ 0 PSI, RIH ROLLING PUMP OVER @ 1 BPM IN/OUT. STACK OUT @ 2,380' (CTM), WORK CT BUT COULD NOT GET PAST ORIGINAL DEPTH. POOH & BREAKDOWN BHA. WAIT ON NEW 4.50"OD STRING / JUNK MILLS TO BE DELIVERED, SDON. EDWC \$12,705.

11-20-14 TD 14,889'; PBTD 14,798'; PRESENT OPERATIONS: START MOVING IN FRAC TANKS & EMPTY OPEN TOP; TGSM: WASHOUT PROCEDURE, PPE, OVERHEAD DANGERS; 4.50"OD JUNK MILL, 4.50"OD STRING MILL, 2.88" MOTOR, 2.88" CTT AGITATOR, 2.88" HYDRAULIC DISCONNECT, 2.88" JARS & CC/BPV. RIH @ 1 BPM IN/OUT TO 2,380' & WORK CT THROUGH TIGHT SPOT SEVERAL TIMES UNTIL CLEAN. CONTINUE RIH TO 6,700'. WT CK 26K. INCREASE RATE TO 3 BPM IN/OUT @ 3,300 PSI & STARTED 90 VISC GEL SWEEPS EVERY 15 MIN. RIH TO 90 & ST TO 6,600'. CONTINUE RIH TO 12,852' AND STARTED TO FIGHT FRICTION. CONTINUE RIH TO 14,658', COULD NOT MAKE ANY HOLE DUE TO FRICTION, CONTACTED RON STRAHAN AND DECISION MADE TO POOH SENT 20 BBL SWEEP & POOH. RDMO GLADIATOR CTU. SDON. EDWC \$37,675.

11-21-14 TD 14,889'; PBTD 14,798'; PRESENT OPERATIONS: WTG ON WL TO LOG WELL - FINAL REPORT UNTIL WORK CONTINUES. RD MO LA CHEMICAL FILTER POD. MI & SPOT 6 FRAC TANKS & HAUL OFF WATER FROM OPEN TOP. DFRTFA. EWCD \$2,827,945; EDWC \$5,610; ETWC \$2,833,555.

11-25-14 CONTINUE TO POH WITH WIRELINE. MIRU SCHLUMBERGER WL & CRANE. MU 3-5/8" SONIC SCANNER W/ 4.50"OD CENTRALIZERS, 3-3/8" DEVIATION TOOL, 3-3/8" NEUTRON, 3-3/4" GAMMA RAY, 3-3/8" TELEMETRY CARTRIDGE, 3-3/8" CCL, (2) 3-1/8" XTRA-C TRACTORS, 3-1/8" SWIVEL & 2.32" WL HEAD. 132' TOTAL BHA. PERFORM SURFACE TEST OF MOTOR, TEST OK. GIH PERFORMING DOWN LOG TO 2,000', TEST OK. CONTINUE GIH TO MARKER JOINT CORRELATED DEPTH TO 6,585'. PERFORMED UP LOG, TEST OK. CONTINUE GIH TO 7,555' & SWITCH TO TRACTOR MODE. TOOL AMPED OUT @ 14,056'. PULLED HEAVY, PU 5,600#. CONTACTED RON STRAHAN DECISION WAS MADE TO LOG OUT FROM 14,056'. RU PINON TRUCKING PMP TRUCK AND PUT 1,000 PSI. ON WELL. POOH LOGGING TO 4,000'. NOTE: DOWN 2 HRS WAITING ON 4.50"OD CENTRALIZERS FROM SCHLUMBERGER YARD; EDWC \$108,555; ETWC \$2,833,555

11-26-14 TD 14,889' PBTD 14,798'; DROPPED FROM REPORT TILL FURTHER ACTIVITY. FINISH POOH W/WL. BREAKDOWN BHA, RDMO SCHLUMBERGER WL. DFRTFA. EDWC \$5060; ETWC \$2,838,615.

12-03-14 TD 14,889' PBTD 14,798' MI RU JW WL TO PERF STAGE 1; TGSM: JOB PROCEDURE, WORKING WITH PRESSURE & ACID; MIRU GLADIATOR PUMP TRUCKS & ROYWELL ACID TRANSPORT. ATTEMPT TO PRESSURE TEST LINES AND FLOWBACK TO 9,500 PSI. KLASSEN FLOWBACK MANIFOLD WOULD NOT TEST. RU REPLACEMENT MANIFOLD, TEST OK. PRESSURE TEST CSG TO 8,200 PSI HELD FOR 15 MIN, TEST OK. BLED DOWN TO 0 PSI. BROUGHT PRESSURE UP TO 9,300 PSI OPENING ORIO VALVE. PRESSURE DROPPED TO 2,400 PSI. PUMPED 150 BBLS OF FW @ 13 BPM AT 4,800 PSI. LOWERED RATE & PUMPED 1,200 GALS 12% HCL DOUBLE INHIBITED, NEFE ACID. INCREASE RATE TO 12 BPM @ 5,000 PSI. PRESSURE DROPPED TO 3,700 PSI @ 12 BPM, WHEN ACID HIT. PUMPED ADDITIONAL 500 BBLS FW TO FLUSH WELL. SWI W/ 2,000 PSI. SDON. NOTE: DOWN 3 HRS WAITING ON REPLACEMENT MANIFOLD; EDWC \$32,285; ETWC \$2,870,900.

12-04-14 ND FLOWCROSS; WO ORDERS; TGSM: JOB PROCEDURES & PPE ; SICP-800 PSI. MIRU CIRCLE 8 CRANE, JW WL & PRO OILFIELD SERV. LUBRICATOR. PRESSURE TEST LUBRICATOR AND STACK TO 8,000 PSI, TEST OK; GIH W/ 4.38" OD PUMPDOWN RIG, (3) 3' X 3-1/8" OD GUNS LOADED 6 SPF W 60 DEG PHASING (54 HOLES). TITAN EXP-3321-421T HMX CHARGES. EHD 0.42", PEN 44.19", 22.7 GR WT. 3-1/8" OD WEIGHT BAR, 3-1/8" OD CCL & 1.43" OD CABLE HEAD. GIH & CORRELATE TO SHORT JOINT @ 6,585'. BRING ON GLADIATOR PUMPS & PUMPDOWN GUNS TO 14,798' W/ TOP PRESSURE OF 3,900 PSI @ 16 BPM, TOTAL OF 855 BBLS PUMPED. FIRED GUNS AS FOLLOWED:
14,787' - 14,790'
14,737' - 14,740'
14,647' - 14,650'
POOH. ALL SHOTS FIRED. SWI W/ 1,600 PSI. RDMO ALL VENDORS; EDWC \$32,933; ETWC \$2,903,833.

12-05-14 PRESENTLY SI WO ORDERS. MI BULLDOG TORQUE UNIT; ND FLOWCROSS & CROWN VALVE, RD KLASSEN FLOWBACK & HAUL WATER OFF FROM OPEN TOP; SION; EDWC \$6182; ETWC \$2,910,015.

12-09-14 PREP TO FRAC MET W/ WATER TRANSFER, PREP LOCATION FOR FRAC; EDWC \$1760; ETWC \$2,911,775.

12-10-14 PREP TO FRAC MET W/BAKER FRAC, CONTINUE PREP FOR FRAC; EDWC \$220; ETWC \$2,911,995

12-11-14 PREP TO FRAC START MIRU OF WT, PREP LOCATION; EDWC \$220; ETWC \$2,912,995.

12-12-14 PREP TO FRAC CONTINUE RU WT, MI SPOT BAKER SAND KINGS. MI MANGUM TRAILER HOUSE; EDWC \$550; ETWC \$2,918,495.

12-13-14 PREP TO FRAC CONTINUE RU WT, PREP FOR FRAC; EDWC \$550; ETWC \$2,919,095.

12-14-14 PREP TO FRAC COMPLETE WT RU & FILL TANKS, START MIRU BAKER FRAC EQUIP. & OFF LOAD SAND. NU FRAC STACK; EDWC \$12,280; ETWC \$2,931,325.

WAPITI 12-17 #1H	THREE BAR (WICHITA)	LATSHAW DRILLING RIG #34	ANDREWS COUNTY, TX
AFE# 1401003	SPUD DATE: 8/30/2014	API: 42-003-46553	PROP NUM: N/A
12-15-14	<u>PREP TO FRAC STAGE #1</u> MIRU BAKER FRAC, CIRCLE 8 CRANE, FREEDOM, FTSI WL, KLASSEN FLOWBACK & LA CHEMICAL; EDWC \$22,000; ETWC \$2,953,325.		
12-16-14	<u>MI RU BLENDER</u> WHILE PREPARING FOR PSI TEST, BAKER ADVISED WAS HAVING COMMUNICATON PROBLEMS. ONCE COMMUNICATION PROBLEMS FIXED, WAS ADVISED THAT BLENDER WAS LEAKING TOO BAD AND NOT REPAIRABLE IN FIELD. PULLED PRIMARY BLENDER OUT & RU BACKUP BLENDER TO TEST LINES, STACK AND FLOWBACK EQUIP. TEST OK @ 9,500 PSI. SDON; EDWC \$66,815; ETWC \$3,020,140.		
12-17-14	<u>WO BAKER TO FINISH REPAIRS</u> FINISH RU OF NEW BLENDER, WHILE PERFORMING TESTS SHAFT BROKE ON BLENDER, SDON; EDWC \$66,815; ETWC \$3,086,955.		
12-18-14	<u>PREP RESUME STAGE #1</u> ; FINISH RU OF REPLACEMENT BLENDER. OW @ 1:25 PM. WHILE GRABBING RATE AFTER PUMPING ACID, LOST COMMUNICION WITH BLENDER. COULD NOT READ RATE OR CHEMICALS. FLUSHED ACID TOTAL OF 625 BBLS. AFTER SD BAKER ADVISED THAT COULD NOT KEEP MORE THAN 68 BPM OFF SUCTION. BAKER ADDED AN ADDITIONAL HOSE AND RECONFIGURED VALVES ON HYDRATION UNIT & ADVISED COULD KEEP RATE. OW @ 4:30 PM WHILE INCREASING RATE BAKER LOST TUB AT 75 BPM, AND ADVISED WAS NOT GOING TO BE ABLE TO KEEP RATE. SD WO ON 8" HOSES FOR SUCTION SIDE. EDWC \$66,815; ETWC \$3,153,770.		
12-19-14	<u>RESUME STAGE #1</u> ; OW AT 7 AM W/ 983 PSI. WHILE BRINGING UP RATE @ 82 BPM, LOST BLENDER DISCHARGE DUE TO OIL PSI. SD - 7:05 AM PUMPED 238 BBLS WAS ADVISED BLENDER WAS NOT REPAIRABLE IN FIELD. SD WO ON BLENDER. EDWC \$66,815; ETWC \$3,220,580.		
12-20-14	<u>WL STG #4</u> ; STG #1 FRAC, SICP 907 PSI, STARTED @ 15BPM, BD @ 2,745 PSI, PUMP 8,000 GALS 15% HCL ACID, SAND FRAC W/ 183,288 GALS SLICK 124,417 GALS XL/GEL TO PUMP, 34,031 F/0.25-1.0# 100 MESH, 95,120 F/0.25-2.0# 40/70 WHITE, 32,905 F/2.0# GARNETT RC, ISIP 4,615; FG 1.06, 15 MIN 2,882 PSI. AIR 78.6, MIR 92, AIP 7,451 PSI, MIP 8,889 PSI, LTR 10,621. RD BAKER FRAC RU FTS WL.		
	STG #2 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 14,600'. PERF @ 14,547' - 550', 14,447' - 450', 14,347' - 350'. POOH. RD FTS WL, RU BAKER FRAC		
	STG #2 FRAC, SICP 1,530 PSI, STARTED @ 15BPM, BD @ 4,322 PSI, PUMP 7,980 GALS 15% HCL ACID, SAND FRAC W/ 198,744 GALS SLICK 158,634 GALS XL/GEL TO PUMP, 33,880 F/0.25-1.0# 100 MESH, 95,260 F/0.25-2.0# 40/70 WHITE, 31,580 F/2.0# GARNETT RC, ISIP 5,027 FG 1.12, 15 MIN 4,006 PSI. AIR 76, MIR 90, AIP 7,835 PSI, MIP 9,025 PSI, LTR 8,699. RD BAKER FRAC RU FTS WL.		
	STG #3 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 14,300'. PERF @ 14,247' - 250', 14,147' - 150', 14,047' - 050'. POOH. RD FTS WL, RU BAKER FRAC		
	STG #3 FRAC, SICP 2,040 PSI, STARTED @ 15BPM, BD @ 4,471 PSI, PUMP 3,990 GALS 15% HCL ACID, SAND FRAC W/ 156,834 GALS SLICK 157,395 GALS XL/GEL TO PUMP, 29,875 F/0.25-1.0# 100 MESH, 97,416 F/0.25-2.0# 40/70 WHITE, 31,850 F/2.0# GARNETT RC, ISIP 5,367 FG 1.17, 15 MIN 4,367 PSI. AIR 72.6, MIR 80, AIP 8,098 PSI, MIP 8,457 PSI, LTR 7,577. RD BAKER FRAC RU FTS WL; EDWC \$677,370; ETWC \$3,897,950.		
12-21-14	<u>WAITING TO FRAC #5</u> STG #4 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 14,000'. PERF @ 13,943' - 46', 13,835' - 38', 13,717' - 20'. POOH. RD FTS WL, RU BAKER FRAC		
	STG #4 FRAC, SICP 1,930 PSI, STARTED @ 15BPM, BD @ 4,847 PSI, PUMP 8,000 GALS 15% HCL ACID, SAND FRAC W/ 85,348 GALS SLICK 163,674 GALS XL/GEL TO PUMP, 33,964 F/0.25-1.0# 100 MESH, 96,300 F/0.25-2.0# 40/70 WHITE, 34,016 F/2.0# GARNETT RC, ISIP 4,556 FG 1.05, 15 MIN 3,164 PSI. AIR 72, MIR 87, AIP 7,694 PSI, MIP 8,790 PSI, LTR 7,843. RD BAKER FRAC RU FTS WL.		
	NOTE: BAKER COULD NOT KEEP RATE DUE TO PUMP ISSUES, FINISHED JOB @ 72 BPM. 9 HRS DT BETWEEN STG 3 & 4, FOR PUMP MAINT.		
	STG #5 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 13,675'. PERF @ 13,624' - 27', 13,524' - 27', 13,415' - 18'. POOH. RD FTS WL, RU BAKER FRAC; NOTE: WHILE STARTING STAGE #5, HAD TO SD ON 800 BBLS INTO FOR LEAK ON SUCTION SIDE OF BLENDER. REPAIRS WERE MADE TO BLENDER & NOTICE THAT THERE IS A CRACK ON LOW PRESSURE SIDE OF MISSLE. WO BAKER EDWC \$196,587; ETWC \$4,094,537.		

12-22-14 FRAC STAGE #7 STG #5 FRAC, SICP 2,800 PSI, STARTED @ 15BPM, BD @ 4,466 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 154,625 GALS SLICK 172,447 GALS XL/GEL TO PUMP, 34,229 F/0.25-1.0# 100 MESH, 109,873 F/0.25-2.0# 40/70 WHITE, 33,952 F/2.0# GARNETT RC, ISIP 5,187 FG 1.14, 15 MIN 3,610 PSI. AIR 72, MIR 78, AIP 8,550 PSI, MIP 8,928 PSI, LTR 8,205. RD BAKER FRAC RU FTS WL. NOTE: WORKED ON BLENDER & PUMPS BEFORE STAGE. BAKER DT -15 HRS 45 MIN

STG #6 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 13,309'. PERF @ 13,320' - 23', 13,229' - 32', 13,132' - 35'. POOH. RD FTS WL, RU BAKER FRAC

STG #6 FRAC, SICP 2,283 PSI, STARTED @ 15BPM, BD @ 5,857 PSI, PUMP 3,990 GALS 15% HCL ACID, SAND FRAC W/ 148,727 GALS SLICK 149,767 GALS XL/GEL TO PUMP, 34,427 F/0.25-1.0# 100 MESH, 95,750 F/0.25-2.0# 40/70 WHITE, 31,329 F/2.0# GARNETT RC, ISIP 5,537 FG 1.19, 15 MIN 3,774 PSI. AIR 79, MIR 81, AIP 8,493 PSI, MIP 9,023 PSI, LTR 7,077. RD BAKER FRAC RU FTS WL.

STG #7 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 13,074'. PERF @ 13,036' - 39', 12,942' - 45', 12,846' - 49'. POOH. RD FTS WL, RU BAKER FRAC STARTED STG #7 @ 11:15 PM, SWI @ 12:00 AM. BAKER LOST COMM W/ HYDRATION UNIT. OW @ 4:30 AM. BAKER DT -4 HRS 30MIN; EDWC \$347,558; ETWC \$4,442,095.

12-23-14 WL FRAC STAGE #9 STG #7 FRAC, SICP 2,161 PSI, STARTED @ 15BPM, BD @ 6,489 PSI, PUMP 8,000 GALS 15% HCL ACID, SAND FRAC W/ 170,473 GALS SLICK 142,723 GALS XL/GEL TO PUMP, 33,438 F/0.25-1.0# 100 MESH, 96,453 F/0.25-2.0# 40/70 WHITE, 31,376 F/2.0# GARNETT RC, ISIP 5,946 FG 1.25, 15 MIN 4,615 PSI. AIR 74, MIR 85, AIP 8,622 PSI, MIP 9,297 PSI, LTR 7,957. RD BAKER FRAC RU FTS WL. NOTE: BAKER DT - 4HRS 30MIN, FOR HYDRATION ISSUES; STG #8 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 12,805'. PERF @ 12,748' - 51', 12,636' - 39', 12,530' - 33'. POOH. RD FTS WL, RU BAKER FRAC. NOTE: AFTER WL STAGE # 8. FRAC WAS DOWN WORKING ON TWO PUMPS, AFTER FIXING PUMPS WHILE PRESSURE TESTING, PUMP OPERATOR OVER PRESSURED IRON TO 10,500 PSI., CONTACTED BAKER MANAGEMENT & ELK RIVER TO GET APPROVAL TO PUMP THROUGH IRON. AFTER APPROVAL OW AND STARTED COMING UP ON RATE AND DISCOVERED PIN HOLE LEAK IN MANIFOLD, SD TO WELD MANIFOLD. ONCE MANIFOLD REPAIRED WHILE PRESSURE TESTING TO FRAC STAGE #8 DISCOVERED TWO PUMPS WITH PACKING LEAKS BLED OFF PRESSURE TO REPAIR. D.T. - 19 HRS.

STG #8 FRAC, SICP 2,488 PSI, STARTED @ 15BPM, BD @ 5,964 PSI, PUMP 7,980 GALS 15% HCL ACID, SAND FRAC W/ 153,100 GALS SLICK 135,003 GALS XL/GEL TO PUMP, 32,791 F/0.25-1.0# 100 MESH, 97,693 F/0.25-2.0# 40/70 WHITE, 30,411 F/2.0# GARNETT RC, ISIP 5,946 FG 1.25, 15 MIN 4,375 PSI. AIR 73, MIR 76, AIP 8,792 PSI, MIP 9,089 PSI, LTR 7,696. RD BAKER FRAC RU FTS WL; EDWC \$220,532.

12-24-14 WL FRAC STAGE #13 STG #9 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 12,500'. PERF @ 12,439' - 42', 12,330' - 33', 12,234' - 37'. POOH. RD FTS WL, RU BAKER FRAC

STG #9 FRAC, SICP 2,821 PSI, STARTED @ 15BPM, BD @ 7,172 PSI, PUMP 8,000 GALS 15% HCL ACID, SAND FRAC W/ 150,242 GALS SLICK 159,474 GALS XL/GEL TO PUMP, 33,049 F/0.25-1.0# 100 MESH, 95,322 F/0.25-2.0# 40/70 WHITE, 30,405 F/2.0# GARNETT RC, ISIP 5,762 FG 1.22, 15 MIN 4,500 PSI. AIR 76, MIR 80, AIP 8,682 PSI, MIP 9,300 PSI, LTR 7,215. RD BAKER FRAC RU FTS WL.

STG #10 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 12,185'. PERF @ 12,130' - 33', 12,024' - 27', 11,932' - 35'. POOH. RD FTS WL, RU BAKER FRAC

STG #10 FRAC, SICP 3,200 PSI, STARTED @ 15BPM, BD @ 6,676 PSI, PUMP 12,000 GALS 15% HCL ACID, SAND FRAC W/ 196,795 GALS SLICK 159,658 GALS XL/GEL TO PUMP, 34,111 F/0.25-1.0# 100 MESH, 95,517 F/0.25-2.0# 40/70 WHITE, 29,893 F/2.0# GARNETT RC, ISIP 5,643 FG 1.21, 15 MIN 5,200 PSI. AIR 70, MIR 78, AIP 8,300 PSI, MIP 9,112 PSI, LTR 8,308. RD BAKER FRAC RU FTS WL.

NOTE: RAN 3 STGS OF ACID, DUE TO PRESSURE.

STG #11 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 11,885'. PERF @ 11,842' - 45', 11,738' - 41', 11,646' - 49'. POOH. RD FTS WL, RU BAKER FRAC

STG #11 FRAC, SICP 3,000 PSI, STARTED @ 15BPM, BD @ 6,162 PSI, PUMP 8,000 GALS 15% HCL ACID, SAND FRAC W/ 163,968 GALS SLICK 147,500 GALS XL/GEL TO PUMP, 33,260 F/0.25-1.0# 100 MESH, 97,393 F/0.25-2.0# 40/70 WHITE, 30,435 F/2.0# GARNETT RC, ISIP 4,515 FG 1.05, 15 MIN 2,878 PSI. AIR 80, MIR 81, AIP 8,110 PSI, MIP 8,822 PSI, LTR 7,206. RD BAKER FRAC RU FTS WL.

STG #12 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 11,605'. PERF @ 11,550' - 53', 11,444' - 47', 11,342' - 45'. POOH. RD FTS WL, RU BAKER FRAC.

STG #12 FRAC, SICP 3,200 PSI, STARTED @ 15BPM, BD @ 5,150 PSI, PUMP 8,000 GALS 15% HCL ACID, SAND FRAC W/ 146,882 GALS SLICK 153,128 GALS XL/GEL TO PUMP, 31,080 F/0.25-1.0# 100 MESH, 95,720 F/0.25-2.0# 40/70 WHITE, 38,163 F/2.0# GARNETT RC, ISIP 3,211; FG 0.87, 15 MIN 1,897 PSI. AIR 80, MIR 81, AIP 7,474 PSI, MIP 8,597 PSI, LTR 7,474. RD BAKER FRAC RU FTS WL.

NOTE: WHILE PUMPING XL PAD, POP OF WENT OFF SD TO REPAIR POP OFF, AFTER REPAIRED TESTED LINES AND DISCOVERED HIGH PRESSURE LEAK. D.T. - 2 HRS. EDWC \$673,786.

12-25-14 WO FRAC STG #15 STG #13 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 11,285'. PERF @11,236' - 37', 11,143' - 46', 11,037' - 40'. POOH. RD FTS WL, RU BAKER FRAC
STG #13 FRAC, SICP 1,560 PSI, STARTED @ 15BPM, BD @ 4,855 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 133,308 GALS SLICK 146,496 GALS XL/GEL TO PUMP, 31,080 F/0.25-1.0# 100 MESH, 95,720 F/0.25-2.0# 40/70 WHITE, 38,163 F/2.0# GARNETT RC, ISIP 3,725 FG .83, 15 MIN 2,256 PSI. AIR 79, MIR 81, AIP 7,474 PSI, MIP 8,597 PSI, LTR 6,850. RD BAKER FRAC RU FTS WL.
STG #14 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 10,985'. PERF @10,941' - 43', 10,837' - 40', 10,729' - 32'. POOH. RD FTS WL, RU BAKER FRAC
STG #14 FRAC, SICP 1,599 PSI, STARTED @ 15BPM, BD @ 6,399 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 134,219 GALS SLICK 142,838 GALS XL/GEL TO PUMP, 32,929 F/0.25-1.0# 100 MESH, 96,819 F/0.25-2.0# 40/70 WHITE, 30,120 F/2.0# GARNETT RC, ISIP 4,414 FG 1.04, 15 MIN 2,638 PSI. AIR 77, MIR 85, AIP 8,172 PSI, MIP 8,302 PSI, LTR 6,926. RD BAKER FRAC RU FTS WL.
STG #15 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 10,675'. PERF @10,625' - 28', 10,527' - 30', 10,427' - 30'. POOH. RD FTS WL, RU BAKER FRAC. SD FOR CHRISTMAS. EDWC \$361,285.

12-27-14 FRAC STAGE #19 STG #15 FRAC, SICP 1,404 PSI, STARTED @ 15BPM, BD @ 6,670 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 178,642 GALS SLICK 136,013 GALS XL/GEL TO PUMP, 31,995 F/0.25-1.0# 100 MESH, 101,005 F/0.25-2.0# 40/70 WHITE, 27,545 F/2.0# GARNETT RC, ISIP 5,558 FG 1.20, 15 MIN 2,728 PSI. AIR 76, MIR 84, AIP 8,100 PSI, MIP 9,025 PSI, LTR 7,611. RD BAKER FRAC RU FTS WL.
STG #16 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 10,375'. PERF @10,326' - 29', 10,227' - 30', 10,120' - 23'. POOH. RD FTS WL, RU BAKER FRAC
STG #16 FRAC, SICP 1,764 PSI, STARTED @ 15BPM, BD @ 8,910 PSI, PUMP 8,000 GALS 15% HCL ACID, SAND FRAC W/ 172,973 GALS SLICK 149,289 GALS XL/GEL TO PUMP, 31,404 F/0.25-1.0# 100 MESH, 99,976 F/0.25-2.0# 40/70 WHITE, 28,987 F/2.0# GARNETT RC, ISIP 6,597 FG 1.34, 15 MIN 5,200 PSI. AIR 72, MIR 74, AIP 8,806 PSI, MIP 9,142 PSI, LTR 7,582. RD BAKER FRAC RU FTS WL.
STG #17 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 10,075'. PERF @10,018' - 21', 9,920' - 21' 9,830' - 31'. POOH. RD FTS WL, RU BAKER FRAC
STG #17 FRAC, SICP 2,750 PSI, STARTED @ 15BPM, BD @ 5,142 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 133,392 GALS SLICK 126,252 GALS XL/GEL TO PUMP, 33,823 F/0.25-1.0# 100 MESH, 98,081 F/0.25-2.0# 40/70 WHITE, 31,057 F/2.0# GARNETT RC, ISIP 5,456 FG 1.18, 15 MIN 3,995 PSI. AIR 83, MIR 84, AIP 7,673 PSI, MIP 8,312 PSI, LTR 7,234. RD BAKER FRAC RU FTS WL.
STG #18 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 9,775'. PERF @9,728' - 31', 9,618' - 21', 9,509' - 12'. POOH. RD FTS WL, RU BAKER FRAC
STG #18 FRAC, SICP 2,707 PSI, STARTED @ 15BPM, BD @ 5,797 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 114,126 GALS SLICK 118,062 GALS XL/GEL TO PUMP, 35,967 F/0.25-1.0# 100 MESH, 101,317 F/0.25-2.0# 40/70 WHITE, 15,711 F/2.0# GARNETT RC, ISIP 6,175 FG 1.28, 15 MIN 4,329 PSI. AIR 77, MIR 80, AIP 8,538 PSI, MIP 9,065 PSI, LTR 7,240. RD BAKER FRAC RU FTS WL.
NOTE: WHILE ON 2.0# SAND BLENDER OPERATOR SANDED OFF TUB, DECISION WAS MADE TO FLUSH AND MOVE ON.
STG #19 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 9,135'. PERF @ 9,402' - 05', 9,283' - 86', 9,182' - 85'. POOH. RD FTS WL, RU BAKER FRAC. EDWC \$671,469.

12-28-14 WAITING TO FRAC STG #20 STG #19 FRAC, SICP 2,584 PSI, STARTED @ 15BPM, BD @ 6,036 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 187,706 GALS SLICK 168,924 GALS XL/GEL TO PUMP, 32,811 F/0.25-1.0# 100 MESH, 97,568 F/0.25-2.0# 40/70 WHITE, 31,178 F/2.0# GARNETT RC, ISIP 6,963; FG 1.39, 15 MIN 5,493 PSI. AIR 64, MIR 88, AIP 7,400 PSI, MIP 8,893 PSI, LTR 8,184. RD BAKER FRAC RU FTS WL. NOTE: DOWN PRIOR TO STAGE WORKING ON BLENDER. WHILE PUMPING SWEEP AFTER ACID, KEPT LOSING SUPERCHARGE ON BLENDER SD TO REPAIR; BLENDER. D.T.- 5 HRS.
STG #20 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 9,135'. PERF @ 9,094' - 97', 8,999' - 02', 8,905' - 08'. POOH. RD FTS WL, RU BAKER FRAC; NOTE: BEFORE STARTING STAGE #20 WE WERE INFORMED BY FRAC THAT THE AGITATORS IN BLENDER TUB WERE BROKEN AND BLENDER NEEDED SWAPPED OUT. STILL RIGGING UP NEW BLENDER AT SHIFT CHANGE. D.T.- 13.5 HRS. EDWC \$260,482.

12-29-14 FRAC STAG #24 STG #20 FRAC, SICP 3,000PSI, STARTED @ 15BPM, BD @ 5,451 PSI, PUMP 4,000 GALS 15% HCL ACID, SAND FRAC W/ 119,818 GALS SLICK 167,769 GALS XL/GEL TO PUMP, 32,681 F/0.25-1.0# 100 MESH, 98,627 F/0.25-2.0# 40/70 WHITE, 30,276 F/2.0# GARNETT RC, ISIP 6,532 FG 1.33, 15 MIN 5,800 PSI. AIR 81, MIR 85, AIP 7,450 PSI, MIP 7,821 PSI, LTR 6,731. RD BAKER FRAC RU FTS WL. NOTE: DOWN PRIOR TO STG TO CONTINUE BLENDER RU, WHILE PRESSURE TESTING DISCOVERED PACKING LEAKING ON 2 PUMPS. DT- 8 HRS 30MIN.
STG #21 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 8,865'. PERF @ 8,811' - 14', 8,697' - 00', 8,611' - 14'. POOH. RD FTS WL, RU BAKER FRAC.
STG #21 FRAC, SICP 4,301PSI, STARTED @ 15BPM, BD @ 5,000 PSI, PUMP 5,000 GALS 15% HCL ACID, SAND FRAC W/ 123,858 GALS SLICK 141,456 GALS XL/GEL TO PUMP, 34,173 F/0.25-1.0# 100 MESH, 96,067 F/0.25-2.0# 40/70 WHITE, 32,368 F/2.0# GARNETT RC, ISIP 7,040 FG 1.40, 15 MIN 5,783 PSI. AIR 80, MIR 83, AIP 8,564 PSI, MIP 8,999 PSI, LTR 7,783. RD BAKER FRAC RU FTS WL.
STG #22 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 8,565'. PERF @ 8,529' - 32', 8,412' - 15', 8,289' - 92'. POOH. RD FTS WL, RU BAKER FRAC.
STG #22 FRAC, SICP 4,445PSI, STARTED @ 15BPM, BD @ 5,784 PSI, PUMP 7,000 GALS 15% HCL ACID, SAND FRAC W/ 120,481 GALS SLICK 165,186 GALS XL/GEL TO PUMP, 35,043 F/0.25-1.0# 100 MESH, 105,228 F/0.25-2.0# 40/70 WHITE, 31,951 F/2.0# GARNETT RC, ISIP 6,363 FG 1.31 15 MIN 5,433 PSI. AIR 82, MIR 84 AIP 7,358 PSI, MIP 8,281 PSI, LTR 7,029. RD BAKER FRAC RU FTS WL.
STG #23 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 8,225'. PERF @ 8,168' - 71', 8,088' - 91', 8,011' - 14'. POOH. RD FTS WL, RU BAKER FRAC
STG #23 FRAC, SICP 4,711PSI, STARTED @ 15BPM, BD @ 6,610 PSI, PUMP 7,000 GALS 15% HCL ACID, SAND FRAC W/ 173,262 GALS SLICK 113,820 GALS XL/GEL TO PUMP, 36,737 F/0.25-1.0# 100 MESH, 93,275 F/0.25-2.0# 40/70 WHITE, 32,388 F/2.0# GARNETT RC, ISIP 5,709 FG 1.22, 15 MIN 4,698 PSI. AIR 82, MIR 83 AIP 7,348 PSI, MIP 8,385 PSI, LTR 7,273. RD BAKER FRAC RU FTS WL.
STG #24 GIH W/ 3-1/8" HSC LOADED W/ 6SPF W/ 60 DEG PHASING, 54 HOLES (TITAN EXP-3321-421T 22.7" GR, EHD 0.42") & TRYTON 5-1/2" FP. SET PLUG @ 7,975'. PERF @ 7,918' - 21', 7,814' - 17', 7,728' - 31'. POOH. RD FTS WL, RU BAKER FRAC. EDWC \$693,164; ETWC \$7,322,813.

12-30-14 CONTINUE MO RD FRAC, STG #24 FRAC, SICP 3,776 PSI, STARTED @ 15BPM, BD @ 5,180 PSI, PUMP 7,000 GALS 15% HCL ACID, SAND FRAC W/ 136,131 GALS SLICK 124,358 GALS XL/GEL TO PUMP, 26,174 F/0.25-1.0# 100 MESH, 82,050 F/0.25-2.0# 40/70 WHITE, 49,714 F/2.0# GARNETT RC, ISIP 5,804 FG 1.23, 15 MIN 5,080 PSI. AIR 84, MIR 89, AIP 6,822 PSI, MIP 7,214 PSI, LTR 6,599. RDMO BAKER FRAC; EDWC \$211,866; ETWC \$7,534,679.

12-31-14 RDMO BAKER FRAC, TURN OVER TO PRODUCTION; FLOWING BACK FRAC; TOTAL LOAD TO RECOVER 188,392 BBLs; SICP 2500#; RECOVERED 1450 BW INITIALLY ON A 12/64" CHK, CURRENTLY FLWG ON 17/64" CHK MAINTAINING 100 BFPH; BLWTR 187,482; EDWC \$211,866; ETWC \$7,746,545

01-01-15 FLWD 59 BO + 1517 BW ON 17/64" CHK; CP 1150# - 1000#; BTWR 3037; BLWTR 187,477.
01-02-15 FLWD 30 BO + 1563 BW ON 17/64" CHK; CP 1000# - 950#; BTWR 4600; BLWTR 184,332.
01-03-15 FLWD 10 BO + 1517 BW ON 20/64" CHK; CP 900#; BTWR 6117; BLWTR 182,815.
01-04-15 FLWD 26 BO + 2677 BW ON 20/64" CHK; CP 850#; BTWR 8794; BLWTR 180,138.
01-05-15 FLWD 32 BO + 2556 BW ON 20/64" CHK; CP 600#; BTWR 11,350; BLWTR 177,582.
01-06-15 FLWD 23 BO + 2010 BW ON 20 - 14/64" CHK; CP 600#; BTWR 13,360; BLWTR 175,572.
01-07-15 FLWD 7 BO + 2162 BW + GAS TRACE TO TSTM ON 14-17/64" CHK; CP 500#; BTWR 15,450; BLWTR 173,482.
01-08-15 FLWD 9 BO + 2013 BW + GAS TRACE TO TSTM ON 17/64" CHK; CP 500#; BTWR 17,463; BLWTR 171,469.
01-09-15 FLWD 10 BO + 1557 BW + GAS TRACE TO TSTM ON 17 - 22/64" CHK; CP 525#; BTWR 19,020 (10.1%); BLWTR 169,912.
01-10-15 FLWD 12 BO + 1574 BW + GAS TRACE TO TSTM ON 22/64" CHK; CP 525#; BTWR 20,594; BLWTR 168,338.
01-11-15 FLWD 12 BO + 2316 BW + GAS TRACE TO TSTM ON 23/64" CHK; CP 525#; BTWR 22,910; BLWTR 166,742.
01-12-15 FLWD 12 BO + 1994 BW + GAS TRACE TO TSTM ON 25/64" CHK; CP 350#; BTWR 24,184 (12.8%); BLWTR 164,748.
01-13-15 FLWD 9 BO + 1437 BW + GAS TSTM ON 24/64" CHK; CP 350#; BTWR 25,788 (13.6%); BLWTR 163,144.
01-14-15 FLWD 9 BO + 1253 BW + GAS TSTM ON 16/64" CHK; CP 300#; BTWR 27,041 (14.3%); BLWTR 161,885.
01-15-15 FLWD 9 BO + 1445 BW + GAS TSTM ON 26/64" CHK; CP 275#; BTWR 28,492 (15.1%); BLWTR 160,440.
01-16-15 FLWD 9 BO + 1875 BW + GAS TSTM ON 26/64" CHK; CP 250#; BTWR 30,367 (16.1%); BLWTR 158,565.
01-17-15 FLWD 12 BO + 1589 BW + GAS TSTM ON 26/64" CHK; CP 225#; BTWR 31,959 (16.9%); BLWTR 156,973.
01-18-15 FLWD 14 BO + 1291 BW + GAS TSTM ON 26/64" CHK; CP 180#; BTWR 33,250 (17.6%); BLWTR 155,682.

WAPITI 12-17 #1H	THREE BAR (WICHITA)	LATSHAW DRILLING RIG #34	ANDREWS COUNTY, TX
AFE# 1401003	SPUD DATE: 8/30/2014	API: 42-003-46553	PROP NUM: N/A
01-19-15	FLWD 14 BO + 1244 BW + GAS TSTM ON 26/64" CHK; CP 180#; BTWR 34,494 (18.3%); BLWTR 154,438.		
01-20-15	FLWD 25 BO + 1225 BW + GAS TSTM ON 26/64" CHK; CP 175#; BTWR 35,719 (18.9%); BLWTR 153,213.		
01-21-15	FLWD 34 BO + 1224 BW + GAS TSTM ON 26/64" CHK; CP 155#; BTWR 36,943 (19.6%); BLWTR 151,989.		
01-22-15	FLWD 54 BO + 1227 BW + GAS TSTM ON 26/64" CHK; CP 140#; BTWR 38,170 (20.2%); BLWTR 150,762.		
01-23-15	FLWD 71 BO + 1082 BW + GAS TSTM ON 26/64" CHK; CP 105#; BTWR 39,252 (20.8%); BLWTR 149,680.		
01-24-15	FLWD 41 BO + 965 BW + GAS TSTM ON 28/64" CHK; CP 100#; BTWR 40,217 (20.3%); BLWTR 150,517.		
01-25-15	FLWD 40 BO + 1003 BW + GAS TSTM ON 28/64" CHK; CP 85#; BTWR 41,220 (21.8%); BLWTR 147,712.		
01-26-15	FLWD 74 BO + 988 BW + GAS TSTM ON 28/64" CHK; CP 80#; BTWR 42,208 (22.3%); BLWTR 146,724.		
01-27-15	FLWD 62 BO + 771 BW + GAS TSTM ON 28/64" CHK; CP 40#; BTWR 42,979 (22.7%); BLWTR 145,953.		
01-28-15	FLWD 45 BO + 1060 BW + GAS TSTM ON 40/64" CHK; CP 10#; BTWR 44,893 (23.3%); BLWTR 144,893.		
01-29-15	FLWD 0 BO + 421 BW + GAS TSTM ON AN OPEN CHK; CP 0#; BTWR 44,460 (23.5%); BLWTR 144,472; MI JOE'S WELL SERVICE; ND STACK AND PU TBG; EDWC \$2915.		
01-30-15	MIRU PENION TRUCKING, PUMP 100BBLs. BRINE WATER DOWN CSG. MI BULLDOG TORQUE CREW, ND FRAC STACK AND 10K B-SECTION. NU 5K B-SECTION & 5K WOR BOP. TOOK DELIVERY OF (211) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG. TIH W/ (180) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG. LEFT TBG OPEN TO TANK OVERNIGHT W/ FLOWBACK TO MONITOR. FINISH PU TBG & TOH; EDWC \$16,280.		
01-31-15	PRESENT OPERATION: TIH W/ BIT & SCRAPER; CP-0 PSI, TP-0 PSI. FINISH TIH W/ (31) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG. TOH W/ TBG. MU GE ESP AS FOLLOWED: 3.83' SENSOR ASSEMBLY, 30.40' MOTOR ASSEMBLY, 12' SEAL ASSEMBLY, 4.85' GAS SEPERATOR, 22.29' (124 STG PUMP), 18.10' (99 STG PUMP), 18.10' (99 STG PUMP) & 0.66' DISCHARGE HEAD W/ 2-7/8" BOX, CONTINUE TIH W/ 2-7/8" SN & (180) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG. WHILE CHECKING CURRENT ON CABLE WAS ADVISED THAT PUMP WAS GROUNDED OUT. TOH W/ TBG & PUMP ASSEMBLY, FOUND 2 SPOTS ON THE CABLE AT THE MOTOR ASSEMBLY THAT WERE DAMAGED, MOTOR WAS ALSO GROUND OUT. SDON; NOTE: GE WILL HAVE TO RE-TEST MOTOR, RECOMMEND BIT & SCRAPER RUN; EDWC \$7425.		
02-01-15	PRESENT OPERATION: TIH W/ ESP; CP-0 PSI; MU & TIH W/ 4.58" OD BIT, 5-1/2"-20# CSG SCRAPER & (211) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG. TOH W/ TBG, SCRAPER & BIT. NOTE: WHILE POOH, NOTICED BAD SPOT ON DRILLING LINE. SDON TO REPLACE DRILLING LINE; EDWC \$6738.		
02-02-15	PRESENT OPERATION: PRESENT OPERATION: RDMO WOR; CP-0 PSI; MU GE ESP & TIH AS FOLLOWS: 3.83' X 4.25" OD SENSOR ASSEMBLY, 30.40' X 4.56" OD MOTOR ASSEMBLY, 12' X 4.25" OD SEAL ASSEMBLY 4.85' X 4.25" OD GAS SEPERATOR, 22.29' X 4.25" OD (124 STG PUMP), 18.10' X 4.25" OD (99 STG PUMP), 18.10' X 4.25" OD (99 STG PUMP) .66" DISCHARGE HEAD W/ 2-7/8" BOX, CONTINUE TIH W/ 2-7/8" SN & (211) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG. ND WOR BOPS, NU GE 5K ADAPTER FLANGE. NU FLOWLINE TO KLASSEN WELL TESTING EQUIP. & TURN UNIT ON @ 57.00 HZ MOVING 120 BPH. TURNED WELL OVER TO FLOWBACK. SDON; EDWC \$6738.		
02-02-15	PRESENT OPERATION: TURN WELL OVER TO PRODUCTION- FINAL REPORT; RDMO JOE'S WELL SERV, CLEAN LOCATON & TURN WELL OVER TO PRODUCTION; EDWC \$6738.		
02-09-15	WELL FLOWED 120 BO + 2520 BW ON OPEN CHK; REC 63,797 BW; BLWTR 125,035 (33.8%).		
02-10-15	WELL FLOWED 120 BO + 2320 BW ON OPEN CHK; BLWTR 122,515 (35.2%).		
02-11-15	WELL FLWD 112 BO + 2475 BW ON OPEN CHK TP 195#; REC 68,892 BW (36.5%); BLWTR 120,040.		
02-12-15	WELL FLWD 114 BO + 2405 BW ON OPEN CHK TP 200#; REC 71,297 BW (37.7%); BLWTR 117,635.		
02-13-15	WELL FLWD 96 BO + 2160 BW ON OPEN CHK TP 200#; REC 73,457 BW (38.9%); BLWTR 115,457.		
02-16-15	WELL FLWD 166 BO + 3190 BW ON OPEN CHK TP 120#; REC 81,647 BW (43.2%); BLWTR 107,285.		
02-17-15	WELL FLWD 145 BO + 2990 BW ON OPEN CHK TP 110#; REC 84,637 BW (44.8%); BLWTR 104,295.		
02-18-15	WELL FLWD 116 BO + 2345 BW ON OPEN CHK TP 0#; REC 86,982 BW (46%); BLWTR 101,950.		
02-19-15	WELL FLWD 106 BO + 1937 BW ON OPEN CHK TP 100#; REC 88,919 BW (47.1%); BLWTR 100,013.		
02-20-15	WELL FLWD 102 BO + 1849 BW ON OPEN CHK TP 90-100#; REC 108,932 BW (48.1%); BLWTR 98,601.		
02-21-15	WELL FLWD 97 BO + 1821 BW ON OPEN CHK TP 90#; REC 96,268 BW (49%); BLWTR 96,268.		
02-22-15	WELL FLWD 100 BO + 1816 BW ON OPEN CHK TP 90#; REC 94,452 BW (50%); BLWTR 94,452.		
02-23-15	WELL FLWD 96 BO + 1804 BW ON OPEN CHK TP 90#; REC 96,648 BW (51%); BLWTR 92,648.		
02-24-15	WELL FLWD 96 BO + 1808 BW ON OPEN CHK TP 90#; REC 98,092 BW (51.9%); BLWTR 90,840.		
02-25-15	MI RU TO PULL ESP; RU CT UNIT; REPORT TO FOLLOW LATER.		

02-25-15 PRESENT OPERATION: RDMO CTU; SAFETY MEETING: OVERHEAD DANGERS, PPE, TP- 0 PSI. MIRU SUNDOWN WOR, MIRU PINION TRUCKING PUMP 40 BBLS FW TREATED W/ BIOCID E DOWN TBG. ND FLOWLINE & WELLHEAD. NU 5K BOPS. TOH W/ (211) 2-7/8" 6.5# L-80 8RD EUE TBG, 2-7/8" SN & ESP. MIRU SUNBELT 5K X 10K SPOOL, 7-1/16" X 10K FLOWCROSS & 7-1/16" X 10K CROWN VALVE. MIRU RED ZONE 2" CTU. MU TTS BHA AS FOLLOWED: 2.13" OD WELD ON CONNECTOR(PULL TEST 25K), 2.13" OD BPV, 2.13" OD HYDRAULIC DISCONNECT, 2.13" OD XRV AGITATOR, 2.13" OD WASH NOZZLE. TEST LUBRICATOR, STACK, & FLOWBACK TO 2,500 PSI. OW W/ 0 PSI & RIH W/ COIL PUMPING 1.5 BPM TO 6,000'. CONTINUE PUMPING FLUID W/ NO RETURNS, PUMP TOTAL OF 350 BBLS W/ NO RETURNS. DECISION MADE TO POOH RDMO CTU & PU WORKING STRING TO CHECK TD; EDWC \$59,950.

02-26-15 PRESENT OPERATION: PREP TO RUN 2-1/16" WORK STRING; LINE UP 2-1/16" WORK STRING & RELATED EQUIP; EDWC \$1705.

02-27-15 PRESENT OPERATION: ATTEMPT TO CIRCULATE WELL; SAFETY MEETING: PROPER HANDLING OF TBG, PPE & WORKING IN COLD WEATHER; CP- 0 PSI. ND 7-1/16" X 10K CROWN VALVE & 7-1/16" FLOWCROSS. CHANGE PIPE RAMS IN BOP TO 2-1/16" RAMS. TAKE DELIVERY OF (235) JTS 2-1/16" 3.25# L80 CS HYDRIL TBG & HANDLING TOOLS. WHILE WO KNIGHT OIL TOOLS TO DELIVER BIT & BIT SUB. TIH W/ (50) OF 2-1/16" 3.25# L80 CS HYDRIL TBG, TOH (25) STNDS 2-1/16" 3.25# L80 CS HYDRIL TBG. MU 2.50" OD 3 BLADE CHEVRON DRAG BIT W/ 3 PORTS, 2.33" OD BIT SUB & (235) JTS 2-1/16" 3.25# L80 CS HYDRIL TBG. OART RD 2-1/16" TBG TOOLS, RU 2-7/8" TBG TOOLS, STRIPPING HEAD & ATTEMPT TO CIRCULATE; EDWC \$ \$10,065.

02-28-15 PRESENT OPERATION: CONTINUE WASHING DOWN TO 14,800'; SAFETY MEETING: SLIPS TRIPS & FALLS, PPE & PINCH POINTS; RU GLADIATOR TO BEGIN PMPG, DISCOVER THAT PUMP WAS FROZEN. THAW PUMPS OUT, ATTEMPT TO CIRC; WE;; P,MPD 200 BBLS TREATED WTR W/300 MCF N2 W/ NO RETURNS, TIH W/ (5) JTS 2-7/8" 6.5# L-80 8RD EUETBG. PUMP TREATED WATER W/ 400 MCF, CIRCULATED WELL @ 2 BPM IN/OUT W/ TOTAL 507 BBL. TIH W/ 2-7/8" (2) CHECK VALVES & (158) JTS OF 2-7/8" 6.5# L-80 8RD EUE TBG, RUN PAST PLUGS 1 THROUGH 15 W/ NO PROBLEMS. CONTINUE TIH & SAT DOWN @ 12,200'. MU TBG SWIVEL, WHILE TRYING TO ESTABLISH CIRCULATION PACKING WENT OUT ON SWIVEL. REPAIRING SWIVEL @ REPORT TIME; EDWC \$36,245.

03-01-15 PRESENT OPERATION: CIRCULATING DYED SWEEP; SAFETY MEETING:SLIPS TRIPS & FALLS, PPE & PINCH POINTS CIRCULATE 268 BBLS TREATED FW. CONTINUE TIH W/ (57) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, WASHING SAND THROUGH PLUGS 15-21, CIRCULATING BOTTOMS UP EVERY 10 JTS. CURRENT DEPTH 14,231'. LIGHT SAND IN RETURNS EDWC \$36,245.

03-02-15 PRESENT OPERATION: PREP TO RUN ESP; TODAY'S WORK DESCRIPTION; SAFETY MEETING: SLIPS TRIPS & FALLS, PPE & PINCH POINTS; CIRCULATE 500 BBLS TREATED FW W/ DYED SWEEP. CONTINUE TIH W/ (19) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, CIRCULATING THROUGH PLUGS 22 & 23 TO TD @ 14,800'. TOH W/ (243) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG. LAY DOWN (235) JTS. 2-1/16" 3.25# L-80 CS HYDRIL TBG, BIT SUB & BIT. RD ALL RENTAL EQUIPMENT; EDWC \$39,545.

03-03-15 PRESENT OPERATION: TIH W/ GE ESP; CP- 0. MI KNIGHT OIL TOOLS. INVENTORY & RELEASE ALL RENTAL EQUIPMENT. LINE UP GE, QUAIL ELECTRIC & GENERATOR TO BE ON LOCATION IN AM; EDWC \$3355.

03-04-15 PRESENT OPERATION: TIH W/ SINGLE MOTOR ASSEMBLY; CP- 0. MIRU GE ESP, MU & TIH W/ 2-7/8" BULL PLUG, (3) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, DESANDER, SENSOR,(2) 150 HP TR4 MOTORS (2) TR4 SEAL ASSEMBLY, (1) TR4 GAS SEPERATOR, (4) TD 3000 TYPE PUMPS & (72) JTS 2-7/8" 6.5# L-80 8RD EUE TBG. SET DOWN 15' IN ON JT. # 73, (2,398'). TOH W/ TBG AND ESP. NO VISUAL DAMAGE TO PUMP. SECURE WELL SDON. NOTE: IT TOOK 6 HRS FOR GE TO ASSEMBLE PUMP. RELEASED 350KV GENERATOR TO LTR; EDWC \$5616.

03-05-15 PRESENT OPERATION: FINISH TIH W/ ESP; SAFETY MEETING: PPE, COLD WEATHER CONDITIONS, SLICK WORK AREA CP- 0 PSI. . MIRU GE ESP, MU & TIH W/ SENSOR, (1) 300 HP TR4 MOTOR, (2) TR4 SEAL ASSEMBLIES, (1) TRA GAS SEPERATOR, (4) TD 3000 TYPE PUMPS. CHECK CURRENT AND PUMP WAS GROUND OUT. TOH W/ PUMP & FOUND THAT ARMOR WAS PEELED AND CABLE EXPOSED. WHILE WTG ON GE TO SPLICE NEW CABLE HEAD. TIH W/ BHA TO CHECK TIGHT SPOT, WORK BHA THROUGH SPOT, SLIGHT BOBBLE GOING THROUGH, NO DRAG COMING OUT. TOH W/ TBG & BHA. MU GE ESP BHA & TIH W/ (77) JTS 2-7/8" 6.5# L-80 8RD EUE TBG. CHECK CURRENT, OK. SECURE WELL, SDON; EDWC \$6215.

03-06-15 PRESENT OPERATION: WELL TURNED OVER TO FLOWBACK; SAFETY MEETING; PINCH POINTS, PPE, WORK FLOOR SAFETY; SICP- 0 PSI, SITP- 0 PSI. CONTINUE TIH W/ (135) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, TOTAL OF (212) JTS. ND WOR FLOOR & BOPS. FLANGE WELL UP W/ ESP SET @ 6,702'. WO GE TO COMPLETE TIE IN. SET UNIT @ 57 HZ & STARTED UNIT W/ 2,803 INTAKE PSI. TURNED WELL OVER TO FLOWBACK @ 3:30 PM 3/5/15, RDMO WOR; AT 6 AM 3/6/15 (14-1/2 HRS): TP 60# OPEN CHK 180 BWPH; REC 0 BO + 2616 BLW; BLWR 100,903 (51%); BLWTR 94,029; INTAKE PRESSURE 1693#; EDWC \$18,209.

03-07-15 FLOWBACK: TP 75# OPEN CHK 192 BWPH; REC 0 BO + 3910 BLW; BLWR 104,813 (53.8%); BLWTR 90,119; INTAKE PRESSURE 1671#.

03-08-15 FLOWBACK: TP 260# OPEN CHK 160 BWPH; REC 0 BO + 3488 BLW; BLWR 108,269 (55.5%); BLWTR 86,663; INTAKE PRESSURE 1557#.

03-09-15 FLOWBACK: TP 230# OPEN CHK 180 BWPH; REC 67 BO + 3175BLW; BLWR 111,444 (57.2%); BLWTR 83,488; INTAKE PRESSURE 1485#; NOTE: ESTIMATED OIL CUT DUE TO WATER CARRY OVER INTO THE OIL SIDE.

03-10-15 FLOWBACK: TP 225# OPEN CHK 180 BWPH; REC 133 BO + 4320 BLW; BLWR 115,764 (59.4%); BLWTR 79,168; INTAKE PRESSURE 1382#.

03-11-15 FLOWBACK: TP 225# OPEN CHK 194 BWPH; REC 108 BO + 4320 BLW; BLWR 119,638 (61.37%); BLWTR 69,900; INTAKE PRESSURE 1314#; GENERATOR DOWN DUE TO BELT COMING OFF; TECH ON LOCATION.

03-12-15 FLOWBACK: TP 220# OPEN CHK 180 BWPH; REC 201 BO + 3506 BLW; BLWR 123,144 (63.2%); BLWTR 71,788; INTAKE PRESSURE 1291#.

03-13-15 FLOWBACK: TP 200# 32/64"CHK 180 BWPH; REC 201 BO + 4500 BLW; BLWR 127,644 (65%); BLWTR 67,288; INTAKE PRESSURE 1228#.

03-14-15 FLOWBACK: TP 85# 64/64"CHK 96 BWPH; REC 144 BO + 3248 BLW; BLWR 130,892 (67.1%); BLWTR 64,040; INTAKE PRESSURE 1166#.

03-15-15 FLOWBACK: TP 0# 29/64"CHK 55 BWPH; REC 81 BO + 1330 BLW; BLWR 132,222 (67.8%); BLWTR 62,710; INTAKE PRESSURE N/A#.

03-16-15 FLOWBACK: TP 170# 35/64"CHK 104 BWPH; REC 85 BO + 2189 BLW; BLWR 134,411 (69%); BLWTR 60,521; INTAKE PRESSURE 1157#.

03-17-15 FLOWBACK: TP 175# 35/64"CHK 97 BWPH; REC 111 BO + 2341 BLW; BLWR 136,752 (70.2%); BLWTR 58,180; INTAKE PRESSURE 1176#.

03-18-15 FLOWBACK: TP 170# 35/64"CHK 97 BWPH; REC 115 BO + 2344 BLW; BLWR 139,096 (71.4%); BLWTR 55,836; INTAKE PRESSURE 1022#.

03-19-15 FLOWBACK: TP 170# 35/64"CHK 99 BWPH; REC 118 BO + 2328 BLW; BLWR 141,424 (72.6%); BLWTR 53,508; INTAKE PRESSURE 978#.

03-20-15 FLOWBACK: TP 165# 35/64"CHK 94 BWPH; REC 157 BO + 2330 BLW; BLWR 143,754 (73.7%); BLWTR 51,178; INTAKE PRESSURE 936#.

03-21-15 FLOWBACK: TP 160# 35/64" REC 196 BO + 2129 BLW; BLWR 145,883 (74.8%); BLWTR 49,049 ; INTAKE PRESSURE 900#.

03-22-15 FLOWBACK: TP 160# 35/64" REC 347 BO + 2074 BLW; BLWR 148,046 (75.9%); BLWTR 46,886 ; INTAKE PRESSURE 865#.

03-23-15 FLOWBACK: TP 160# 35/64" REC 373 BO + 2068 BLW; BLWR 151,114 (77%); BLWTR 44,818; INTAKE PRESSURE 837#.

03-24-15 DFRTFA WO COMPLETION; RD @ 6 PM 6/22/15; ETWC 2,756,309.

03-25-15 FLOWBACK: TP 165# 35/64" REC 378 BO + 2013 BLW; BLWR 154,191 (79.1%); BLWTR 40,741; INTAKE PRESSURE 768#.

03-26-15 FLOWBACK: TP 155# 35/64" REC 365 BO + 1984 BLW; BLWR 156,175 (80.1%); BLWTR 38,757; INTAKE PRESSURE 740#.

03-27-15 WELL TURNED OVER TO PRODUCTION AND DFRTFA (DROPPED FROM REPORT UNTIL FURTHER ACTIVITY).

04-21-15 PRESENT OPERATION: PREP TO PULL ESP; MIRU SUNDOWN OPERATING WOR, BEGIN SETTING ONESOURCE FRAC TANKS. SDON; EDWC \$3,905; ETWC \$5,012,177.

04-22-15 PRESENT OPERATION: PREP TO BREAK CIRCULATION & TIH TO PLUG #1; TP-0 PSI, CP-0 PSI, ND WELL HEAD & NU 5K BOP. TOH W/ (212) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG, 2-7/8" S/N & GE TD3000 ESP; TAKE DELIVERY OF (235) JTS 2-1/16" 3.25# L-80 CS HYDRIL TBG FROM KNIGHT OIL TOOLS. RD 2-7/8" WOR TBG TOOLS, RU 2-1/16" TBG TOOLS; TIH W/ 2.50" OD 3-BLADED CHEVRON DRAG BIT W/ 3 PORTS, 2.33" OD BIT SUB, (235) JTS 3.25# L-80 CS HYDRIL TBG & (2) JTS 2-7/8" 6.5# L-80 8RD EUE TBG. SECURE WELL & SDON; NOTE: TOP (2) PUMPS ON ESP WERE SEIZED UP W/ NO VISUAL SIGNS OF SANDS; EDWC \$12,430; ETWC \$5,024,607.

04-23-15 PRESENT OPERATION: CONTINUE TO TRY AND CIRCULATE; CONITINUE TIH W/ (94) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, TO PLUG #9. LAY DOWN (91) JTS 2-7/8" 6.5# L-80 8RD EUE TBG. TIH W/ (105) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, TO PLUG #10. RU NITRO LIFT ATTEMPT TO CIRCULATE W/ 0.5 BPM W/ 500 MCF W/ NO SUCCESS. TOH W/ (62) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, ATTEMPT TO CIRCULATE AGAIN W/ NO SUCCESS. TOH W/ (43) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, RU TO CIRCULATE AGAIN ADDING 2.5 GALS OF FOAMER, BROKE CIRCULATION W/ GOOD RETURNS, CIRCULATE 150 BBLs. TIH W/ (30) JTS 2-7/8" RU TO CIRCULATE @ 0.75 BPM W/ 500 MCF & FOAMER, COULD NOT CIRCULATE. CONTINUE PUMPING ADJUSTING PUMP RATE & FOAM, LOOSING EST. 100 BPH; EDWC \$20,130; ETWC \$5,044,737.

04-24-15 PRESENT OPERATION: CONTINUE TIH W/TBG; CONTINUE TO TRY AND BREAK CIRCULATION, TIE INTO CSG PUMPING 0.75 BPM W/ 500 MCF & FOAMER, PRESSURE TO 500 PSI. TIE ONTO TBG; PUMPING 0.75 BPM W/ 500 MCF & FOAMER @ 1,400 PSI & BROKE CIRCULATION. TIH W/ (4) JTS 2-7/8" 6.5# L-80 8RD EUE TBG. RU TO CIRCULATE GOOD CIRCULATION. TIH W/ (10) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, RU NITRO LIFT UNIT #2, CIRCULATING @ 750 MCF W/ FOAMER @1,400 PSI. TIH W/ (10) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, RU TO CIRCULATE, GOOD CIRCULATION. TIH W/ (4) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG, RU TO CIRCULATE. TIH W/4) JTS. 2-7/8" 6.5# L-80 8RD EUE TBG, RU TO CIRCULATE. LOST CSG PRESSURE & CIRCULATION, CONTINUE TO TRY TO BUILD CSG PRESSURE WITH NO SUCCESS. CONTACT RON STRAHAN AND DECISION MADE TO CONTINUE TO TIH W/ TBG TILL TAG UP. TIH (45) JTS OF 2-7/8" 6.5# L-80 8RD EUE TBG, THRU PLUG # 12 W/ NO OBSTRUCTION. OART: CURRENT DEPTH 11,516' CONTINUE TIH W/ TBG; EDWC \$20,130; ETWC \$5,064,867.

04-25-15 PRESENT OPERATION: TOH W/ TBG; TGSM: WORK FLOOR SAFETY, PPE, SLIP, TRIPS & FALLS; CONTINUE TO TIH W/ (103) JTS 2-7/8" 6.5# L-80 8RD EUE TBG TO 14,806', TOTAL OF (478) JTS. RU NTIRO LIFT, TRY TO ESTABLISH CIRCULATION W/ NO SUCCESS. DECISION MADE TO GET NITROGEN ON LOCATION. RDMO NITRO LIFT. MIRU STELLAR OILFIELD SERV, NITROGEN UNIT. START PUMPING AT 1,000 SCF @ 950 PSI W/ NO RETURNS, CONTINUE TO INCREASE NITROGEN TO 2,800 SCF @ 3,000 PSI W/ NO RETURNS, TOTAL OF 700,079 SCF PUMPED. DECISION MADE TO TOH W/ TBG. RDMO OUT STELLAR OILFIELD SERV. NOTE: LIGHT SAND IN RETURNS ON 4-23-15; EDWC \$32,780; ETWC \$5,097,647.

04-26-15 PRESENT OPERATION: PREP TO TIH W/ ESP; TGSM: WORK FLOOR SAFETY, PPE, PROPER HANDLING OF 2-1/16" TBG. TOH W/ (243) JTS 2-7/8" 6.5# L-80 8RD EUE TBG & (5) 2-7/8" CHECK VALVES. LD (235) 2-1/16" 3.25# L-80 CS HYDRIL, 2.33" OD BIT SUB AND 2.50" OD 3-BLADED DRAG BIT. RD 2-1/16" TBG TOOLS, RU 2-7/8" TBG TOOLS. SDON. NOTE: RELEASED ALL OF KNIGHT OIL TOOLS RENTAL EQUIPMENT, 2-1/16" TBG, HANDLING TOOLS, PUMP & SWIVEL; EDWC \$15,180; ETWC \$5,112,827.

04-27-15 FLOWBACK: AT 6 A.M. TP 380; CP N/A; CHK 45/64"; REC 0 BO + 1008 BW IN 11HRS; BLWTR 37,334.

04-28-15 PRESENT OPERATION: TURNED OVER TO FLOWBACK; RDMO SUNDOWN OPERATING, RELEASE RENTAL EQUIP. FLOW REPORT UNAVAILABLE AT REPORT TIME; BLWTR 37,334; EDWC \$4400; ETWC \$5,124,267.

04-29-15 FLOWBACK: AT 6 A.M. TP N/A; CP 250#; CHK 25/64"; REC 0 BO + 1900 BW; REC 5465 BW (14.3%); BLWTR 32,877; INTAKE PRESSURE 766#; ETWC \$5,124,267.

04-30-15 PRESENT OPERATION: ONCOR TO RUN ELECTRICITY TO LOCATION; CONTINUE TO FLOW WELL TO TANK BATTERY, TP-250 PSI, FLOWING 100 BPWH. STARTED RECOVERING OIL @ 10AM. MIRU BAD DOG FLUID LEVEL SERV. SHOT FLUID LEVEL @ 3,938' (APPROX 1,164' HIGHER THEN INTAKE READING). MI ESCUDERO CHEMICALS TO TAKE WELL SAMPLES AND REPORT BACK. FLOWBACK: AT 6 A.M. TP N/A; CP 300#; CHK 25/64"; REC 143 BO + 2248 BW; REC 7713 BW (20.1%); BLWTR 30,629; INTAKE PRESSURE 658#; EDWC \$3080; ETWC \$5,130,427.

05-01-15 PRESENT OPERATION: QUAIL ELECTRIC TO SET TRANSFORMERS; MI ONCOR TO SET PME. MI TOPOGRAPHIC & SURVEY GAS SALES LINE. FLOWBACK: AT 6 A.M. TP N/A; CP 250#; CHK 24/64"; REC 146 BO + 2021 BW; REC 9734 BW (25.4%); BLWTR 28,608; INTAKE PRESSURE 575#; EDWC \$3080; ETWC \$5,133,507.

05-02-15 PRESENT OPERATION: ELECTRICIANS WILL BE BACK MONDAY TO FIX ELECTRICITY AT THE POLE; RUNNING ON GENERATOR TILL THEN; FLOWBACK: AT 11 A.M. TP 200#; CP 80#; CHK 24/64"; REC 5 BO + 88 BW; REC 10,640 BW (27.8%); BLWTR 27,702; INTAKE PRESSURE 890#; ETWC \$5,133,507.

05-03-15 FLOWBACK: AT 6 A.M. TP 300#; CP 80#; CHK 24/64"; REC 107 BO + 1845 BW; REC 12,397 BW (32.3%); BLWTR 25,945; INTAKE PRESSURE 572#.

05-04-15 FLOWBACK: AT 6 A.M. TP 280#; CP 80#; CHK 24/64"; REC 171 BO + 2020 BW; REC 14,417 BW (36.6%); BLWTR 23,925; INTAKE PRESSURE 499#.

05-05-15 FLOWBACK: AT 6 A.M. TP 260#; CP 80#; CHK 24/64"; REC 190 BO + 2674 BW; REC 16,091 BW (42%); BLWTR 22,251; INTAKE PRESSURE 454#; NOTE: STILL MAKING NITROGEN.

05-06-15 FLOWBACK: AT 6 A.M. TP 250#; CP 80#; CHK 24/64"; REC 207 BO + 1871 BW; REC 17,962 BW (46.8%); BLWTR 20,380; INTAKE PRESSURE 404#; NOTE: STILL MAKING NITROGEN.

05-07-15 FLOWBACK: AT 6 A.M. TP 240#; CP 80#; CHK 24/64"; REC 230 BO + 1852 BW; REC 19,814 BW (51.7%); BLWTR 18,528; INTAKE PRESSURE 368#; NOTE: STILL MAKING NITROGEN.

05-08-15 FLOWBACK: AT 6 A.M. TP 200#; CP 80#; CHK 24/64"; REC 226 BO + 1764 BW; REC 21,578 BW (56.3%); BLWTR 16,764; INTAKE PRESSURE 318#; NOTE: STILL MAKING NITROGEN.

05-09-15 FLOWBACK: AT 6 A.M. TP 220#; CP 80#; CHK 24/64"; REC 261 BO + 1669 BW; REC 23,247 BW (60.6%); BLWTR 15,595; INTAKE PRESSURE 289#.

05-10-15 FLOWBACK: AT 6 A.M. TP 200#; CP 80#; CHK 24/64"; REC 251 BO + 1543 BW; REC 24,790 BW (64.7%); BLWTR 13,552; INTAKE PRESSURE 263#.

05-11-15 FLOWBACK: AT 6 A.M. TP 180#; CP 80#; CHK 24/64"; REC 246 BO + 1486 BW; REC 26,276 BW (68.5%); BLWTR 12,066; INTAKE PRESSURE 248#.

05-12-15 FLOWBACK: AT 6 A.M. TP 160#; CP 80#; CHK 24/64"; REC 264 BO + 1381 BW; REC 27,657 BW (72.1%); BLWTR 10,685; INTAKE PRESSURE 233#.

05-13-15 FLOWBACK: AT 6 A.M. TP 160#; CP 80#; CHK 24/64"; REC 222 BO + 1438 BW; REC 29,065 BW (75.9%); BLWTR 9,247; INTAKE PRESSURE 227#.

WAPITI 12-17 #1H	THREE BAR (WICHITA)	LATSHAW DRILLING RIG #34	ANDREWS COUNTY, TX
AFE# 1401003	SPUD DATE: 8/30/2014	API: 42-003-46553	PROP NUM: N/A
05-14-15	FLOWBACK: AT 6 A.M. TP 160#; CP 80#; CHK 24/64"; REC 195 BO + 1355 BW; REC 30,450 BW (79.4%); BLWTR 7,892; INTAKE PRESSURE 217#.		
05-15-15	FLOWBACK: AT 6 A.M. TP 140#; CP 80#; CHK 24/64"; REC 188 BO + 1367 BW; REC 31,817 BW (83%); BLWTR 6525; INTAKE PRESSURE 212#.		
05-16-15	FLOWBACK: AT 6 A.M. TP 110#; CP 80#; CHK 24/64"; REC 170 BO + 1254 BW; REC 33,101 BW (86.3%); BLWTR 5241; INTAKE PRESSURE 210#.		
05-17-15	FLOWBACK: AT 6 A.M. TP 140#; CP 80#; CHK 24/64"; REC 195 BO + 1425 BW; REC 34,587 BW (90.2%); BLWTR 3755; INTAKE PRESSURE 207#.		
05-18-15	FLOWBACK: AT 6 A.M. TP 140#; CP 80#; CHK 24/64"; REC 176 BO + 1474 BW; REC 36,061 BW (94.1%); BLWTR 3534; INTAKE PRESSURE 199#.		
05-19-15	FLOWBACK: AT 6 A.M. TP 140#; CP 80#; CHK 24/64"; REC 57 BO + 385 BW FOR 6 HRS; REC 36,446 BW (95.1%); BLWTR 1896; INTAKE PRESSURE 199#; <u>RELEASED WELL TESTER; WELL DROPPED FROM REPORT.</u>		
06-18-15	PRESENT OPERATION: TOH W/ESP; MIRU LIGHTFOOT WOR & RELATED EQUIP; SDON; EDCC \$3300; ETCC \$5,136,807.		
06-19-15	PRESENT OPERATION: TIH W/ ESP; P-0 PSI CP-50 PSI. NU WOR BOP, MIRU GE SPOOLER. TOH W/ (212) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, (3) TD 2200 PUMPS, (1) MAG-2 GAS SEPERATOR/ INTAKE, (2) TR4-98L SEALS, (1) TR4-E45 250 HP MOTOR, (1) BOB FILTER, (1) CAVENS DESANDER & (3) JTS 2-7/8" 6.5# L-80 8RD EUE TBG W/ BULL PLUG. SECURE WELL SDON; NOTE: 3 JTS OF TAIL PIPE HAD SAND & GEL IN THEM; EDCC \$5500; ETCC \$5,142,307.		
06-19-15	PRESENT OPERATION: TIH W/ ESP; TP-0 PSI CP-50 PSI. NU WOR BOP, MIRU GE SPOOLER. TOH W/ (212) JTS 2-7/8" 6.5# L-80 8RD EUE TBG, (3) TD 2200 PUMPS, (1) MAG-2 GAS SEPERATOR/ INTAKE, (2) TR4-98L SEALS, (1) TR4-E45 250 HP MOTOR, (1) BOB FILTER, (1) CAVENS DESANDER & (3) JTS 2-7/8" 6.5# L-80 8RD EUE TBG W/ BULL PLUG. SECURE WELL SDON; NOTE: 3 JTS OF TAIL PIPE HAD SAND & GEL IN THEM; EDCC \$5500; ETCC \$5,154,307.		
06-20-15	PRESENT OPERATION: RDMO WOR- TURN WELL TO PRODUCTION; TP-0 PSI CP-0 PSI. MU & TIH W/ (6) 2-7/8" BULLPLUG, (6) JTS OF 2-7/8" 6.5# L-80 8RD EUE TBG, (1) CAVENS DESANDER, (1) BOB FILTER, (1) TR4-92 140 HP MOTOR, (2) TR4 SEALS, (1) TR4-MAG GAS SEP/INTAKE, (1) TD 1750 TR4 PUMP, (3) TD 1000 TR4 PUMPS & (213) JTS 2-7/8" 6.5# L-80 8RD EUE TBG. ND BOP, NU; WELLHEAD & FLOW LINE. TURN ON PUMP @ 50 HZ TO CHECK ROTATION, OK. INCREASE TO 55 HZ, TBG PRESSURE 200 PSI. TURNED OVER TO PRODUCTION. NOTE: DOWN 4-1/2 HRS WTG ON GE TO BRING COUPLING FOR GAS/INTAKE. ADDED (1) JT TO WELL TO CLEAR CABLE SPLICE @ PACKOFF. NOTE: SENT SAMPLES OF FILL FROM MUD ANCHOR TO ESCUDURO CHEMICAL & ELK RIVERS OFFICE. NOTE: INTAKE PRESSURE ON PUMP NOT READING, WILL HAVE FLUID LEVEL SHOT ON MONDAY. TBG DETAILS: (213) JTS 2-7/8" 6.5# L-80 8RD EUE TBG (3) TD 1000 PUMPS (1) TD 1750 PUMP (1) MAG-2 GAS SEPERATOR / INTAKE SET @ 6,709' (2) TR4-98L SEALS (1) TR4-92 140 HP MOTOR SET @ 6,755' (1) BOB FILTER (1) CAVENS DESANDER (6) JTS 2-7/8" 6.5# L-80 8RD EUE TBG. EOT- 6,935'; EDCC \$13,750; ETCC \$5,142,307.		
06-23-15	TURNED WELL TO PRODUCTION; <u>DFRTFA- DROPPED FROM RETPORT TILL FURTHER ACTIVITY;</u> ETCC \$5,142,307.		