

WELL: University 28 Unit #1H

Elevation Resources LLC

DAILY OPERATIONS

FIELD: Emma
 COUNTY/STATE: Andrews/Texas
 PMD: 16,730
 PVD: 11,032
 SURFACE LOCATION: 800 FNL, 1600 FWL
 BOTTOM HOLE LOCATION: 330 FNL 1450 FWL
 ELEVATION (RKB): 3,152
 API #: 42-003-46380
 PERMIT NUMBER: 788323
 SPUD DATE & TIME: Jul 22 2014
 DAYS FROM SPUD: 107
 DAYS ON LOCATION: 108
 WELL ENGINEER: Jason Kincaid
 OBJECTIVE:
 JOB NAME: University 28 Unit #1H
 CONTRACTOR/RIG#: Helmerich & Payne/H&P/252

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| Jul 21 2014 | MD: | TVD: | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | MIRU | | | | |
| | | MIRU SOVEREING RIG # 11 | | | | |
| | ACTIVITY PLANNED: | FINISH RIG UP | | | | |
| Jul 22 2014 | MD: 160 | TVD: 160 | FOOTAGE: 160 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING 17.5 HOLE | | | | |
| | | FINISH RIG UP, INSTALL CONDUCTOR PIPE, NOTIFY RRC JOB # 11650,;PICK UP BHA.;SPUD 17.5 HOLE F/100 T/131;WORK STUCK PIPE FREE.;DRILLING FROM 131 TO 145.;REPARE FLOW LINE;DRLG F/ 145 T/ 160.; | | | | |
| | ACTIVITY PLANNED: | DRIL AHEAD WITH SURVEY @ 250.500,750, THEN EVERY 500 FOOT | | | | |
| Jul 23 2014 | MD: 1,335 | TVD: 1,335 | FOOTAGE: 1,175 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRLG AHEAD | | | | |
| | | DRLG F/160 T/330.;REPAIR COND PIPE.;DRLG F/330 T/1205;CHANGE OUT SWAB IN BOTH PUMPS;DRLG F/1205 T/1335. | | | | |
| | ACTIVITY PLANNED: | DRIL TO T.D. | | | | |
| Jul 24 2014 | MD: 1,586 | TVD: 1,586 | FOOTAGE: 251 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | RUNNING SURFACE CASING | | | | |
| | | GO THRU PUMPS - SWAB IN PUMP 1 - LINER PUMP 2;DRILL F/ 1335' T/ 1583';RUN FULID CALLIPER;TRIP OUT OF HOLE - BACKREAN THGHT SPOT F/ 1450' T/ 1586';SAFTEY MEETING - RUN 37 JTS OF 13 3/8" 54.5 # J-55 - STC CASING | | | | |
| | ACTIVITY PLANNED: | FINISH RUNNING CASING - CEMENT - WOC - CUT OFF INSTALL WELLHEAD - NIPPLE & TEST BOPS | | | | |
| Jul 25 2014 | MD: 1,586 | TVD: 1,585 | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | NIPPLE UP BOPS | | | | |
| | | FINISH RUNNING 13 3/8"CASING 54.5# J-55 STC - RAN 37 JOINTS - FLOAT SHOE @ 1580' - FLOAT COLLAR @ 1535' - 2 BOWSPRING / JOINT ON FIRST 2 JOINTS - 1 EVERY THIRD JOINT T/ 206' - TOTAL OF 13;CIRCULATE BOTTOMS UP;CEMT W/ 1450 SKS CLASS C + .25LBS/SX CELLOFLAKE + 3LBS/SX GILSONITE + 3LBS/SX PHENO + 2% CACL2 - MIXED @ 13.0 PPG - YIELD 1.9 - 310 SKX CLASSC - - .25LBS/SX CELLOFLAKE + 3LBS/SX GILSONITE + 3LBS/SX - MIXED @ 13.9 PPG YIELD 1.67 - CIRCULATED - 100 BBLS OR 295 SKS;R/D CEMENTERS - WOC;CUT OFF & INSTALL WELLHEAD & TEST;NIPPLE UP BOP & TEST | | | | |
| | ACTIVITY PLANNED: | NIPPLE UP & TEST BOPS - P/U BHA & DRILL AHEAD | | | | |
| Jul 26 2014 | MD: 1,749 | TVD: 1,749 | FOOTAGE: 163 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING 12.25" HOLE | | | | |
| | | N/U BOPS;INSTALL FLOW LINE;TEST BOP 250 LOW 2500 HIGH;SET PIPE RACKS STRAP BHA;P/U BHA - TEST TOOLS - TIH;TAG CEMENT @ 1532' - DRILL CEMENT & SHOE TRAC;DRILL F/ 1583' T/1749' - | | | | |
| | ACTIVITY PLANNED: | DRILL AHEAD W/ FLO-DRIFT SURVEYS | | | | |

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| Jul 27 2014 | MD: 3,225 | TVD: 3,225 | FOOTAGE: 1,476 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING 12.25"HOLE | | | | |
| | | DRILL F/ 1749 T/3225 - 1476 - 67 FPH - WITH SURVEYS | | | | |
| | ACTIVITY PLANNED: | DRILL AHEAD- W/FLO-DRIFT SURVEYS | | | | |
| Jul 28 2014 | MD: 4,190 | TVD: 4,190 | FOOTAGE: 965 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING 12.25" HOLE @ 4190' - MADE 965' OF NEW HOLE | | | | |
| | | DRILL F/ 3225' T/4190' - 965' 43.8 FPH - HAD 2 RHS FOR SURVEYS | | | | |
| | ACTIVITY PLANNED: | DRILL AHEAD W/ FLO-DRIFT SURVEYS TD TO BE 6700 + OR - | | | | |
| Jul 29 2014 | MD: 4,980 | TVD: 4,980 | FOOTAGE: 790 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING @ 4980' | | | | |
| | | DRILL F/ 4190 T/4675- 485' - 46.1 FPH;SERVICE RIG;DRILL F/ 4675' T/4980' - 305' - 24.4 FPH | | | | |
| | ACTIVITY PLANNED: | DRILL AHEAD - WITH POSSIABLE BIT TRIP | | | | |
| Jul 30 2014 | MD: 5,032 | TVD: 5,032 | FOOTAGE: 52 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | RIG REPAIR AIR CONTROLLER FOR TOP DRIVE | | | | |
| | | DRILL F/ 4980' T/5032' - 52' - 34.5 FPH;CIRCULATE BOTTOMS UP - PUMP SLUG FOR TOO;TOOH L/D BIT MOTOR & FLO-DRIFT TOOL;P/U NEW BHA - BIT MOTOR & FLO -DRIFT TOOL;TIH;CONTROLLER FOR TOP DRIVE NOT WORKING - PULL OFF TO REPAIR | | | | |
| | ACTIVITY PLANNED: | FINISH RIG REPAIR - TIH - DRILL AHEAD | | | | |
| Jul 31 2014 | MD: 5,240 | TVD: 5,240 | FOOTAGE: 208 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING 12.25" HOLE - WORKING WITH WEIGHT & RPM TO INCCRESS ROP | | | | |
| | | REPAIR TOP DRIVE;TIH - WASH LAST STAND TOO BOTTOM;DRILL F/5032' T/5160'- 128' - 23.2 FPH - WOB 30;SERVICE RIG;DRILL F/ 5160' T/ 5240' - 80' -7.2 FPH - WOB 30 - 40 - RPM 80 - | | | | |
| | ACTIVITY PLANNED: | DRILL AHEAD POSSIABLE BIT TRIP | | | | |
| Aug 1 2014 | MD: 5,286 | TVD: 5,286 | FOOTAGE: 46 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | CHANGEING OUT BHA | | | | |
| | | DRILL F/5240' T/ 5286' - 46' - 3.4 FPH - WOB 45;TOOH - H2S ALARMS GOING OFF PERIODICALLY;L/D BIT, MOTOR | | | | |
| | ACTIVITY PLANNED: | TIH DRILL AHEAD - TD TO BE 6815 | | | | |
| Aug 2 2014 | MD: 5,705 | TVD: 5,705 | FOOTAGE: 419 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD @ 5705' | | | | |
| | | P/U BHA & BIT;TIH;WASH & REAN 40' TO BOTTOM;DRILL F/ 5286' T/ 5705' - 419'- 32 FPH - WOB 30 | | | | |
| | ACTIVITY PLANNED: | DRILL TD @/ 6815 | | | | |
| Aug 3 2014 | MD: 6,479 | TVD: 6,479 | FOOTAGE: 774 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | TOOH HIGH TQ - L/D SCOUT TOOL | | | | |
| | | DRILL F/ 5705' T/6479' - 774' - 33 FPH - WITH 2 SURVEYS;TOOH FOR HIGH TQ - & L/D SCOUT TOOL | | | | |
| | ACTIVITY PLANNED: | FINISH TOO; L/D SCOUT TOOL - TIH DRILL AHEAD TD TOO BE 6815' | | | | |
| Aug 4 2014 | MD: 6,479 | TVD: 6,479 | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | WORKING OVER FISH @ 6266' | | | | |
| | | TOOH - LEFT 186 OF BHA IN HOLE - 1/6" DC - XO -3/8" DCS - MOTOR - SCOUT TOOL - BIT;SPIL & CUT DRILLING LINE - WSIT ON FISHING TOOLS;P/U FISHING TOOLS - TIH;BREAK CIRCULATION WASH TO TOP OF FISH - @ 6266' | | | | |
| | ACTIVITY PLANNED: | RETRIVE FISH - TOO; L/D FISHING TOOLS - | | | | |

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| Aug 5 2014 | MD: 6,479 | TVD: 6,479 | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | TRIPPING IN HOLE | | | | |
| | WASH OVER FISH- PULLED 30 OVER FISH CAME OFF BOTTOM;CHAIN OUT OF HOLE WITH FISH;L/D FISHING TOOLS , SCOUT TOOLS;CLEAN OUT PLUGGED DRILL COLLARS;TIH W/ BIT , MOTOR , FLO-DRIFT TOOL - 1 IBS & BHA | | | | | |
| | ACTIVITY PLANNED: | DRILL AHEAD TD TO BE 6815' - - RUN FULID CALIPER - TOO H | | | | |
| Aug 6 2014 | MD: 6,632 | TVD: 6,632 | FOOTAGE: 153 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | TOOH TO RUN CASING & CEMENT | | | | |
| | TIH;DRILL F/6454' T/6632' - 178' - 39.5 FPH;MAKE SHORT TRIP;CIRCULATE & CONDUCTION HOLE OFR TOO H;RUN FULID CALIPER - WASH OUT 114 % - 4165 CUFT / 40 1666= 5831 - = LEAD OF 2200 SKS TAIL OF 450 SKS;TOOH TO RUN CASING & CEMENT | | | | | |
| | ACTIVITY PLANNED: | FINISH TOO H TO RUN CASING & CEMENT | | | | |
| Aug 7 2014 | MD: 6,632 | TVD: 6,632 | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | R/D CEMENT CREW | | | | |
| | TOOH TOO RUN CASING & CEMENT;R/U CASING CREW & HOLD SAFTEY MEETING;RUN -66 JOINTS OF 9.625" 40 # HCK-55 LT&C - 81 JOINTS FO 9.612" 40# J-55 LTC - T/ 6632';CIRCULATE CASING CAPACITY;CEMENT W/ 2200 SKS LEAD MIXED @ 12.5 PPG 2.42YIELD - 450 SKS TAIL MIXED @ 14.8 0 YIELD - 1.18 - CIRCULATEDCEMENT TO SURFACE | | | | | |
| | ACTIVITY PLANNED: | FINISH R/D CEMENT CREW - N/D BOPS - INSTALL WELL HEAD - CLEAN PIT PREP TO RIG DOWN | | | | |
| Aug 8 2014 | MD: 6,632 | TVD: 6,632 | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL JOHNSON | | | | PBTD: |
| | PRESENT OPERATIONS: | RIGGING DOWN | | | | |
| | R/D CEMENT CREW - CIRCULATED 400 BBLs CEMENT OR 927 SHS TOO SURFACE;WOC 6 HRS - N/D BOPS - INSTALL WELL HEAD & SHUT IN CAP;JETS PITS - RELEASE RIG @ 20:30 8/7/2014;RIG DOWN | | | | | |
| | ACTIVITY PLANNED: | MOVE OUT RIG | | | | |
| Aug 17 2014 | MD: | TVD: | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | RIGGING DOWN AND MOVING IN DRILLING RIG TO NEW LOCATION | | | | |
| | RIG DOWN AND MOVE RIG TO NEW LOCATION;CONTINUE MOVING IN RIG AND SETTING SAME | | | | | |
| | ACTIVITY PLANNED: | CONTINUE RIGGING UP h&p RIG 252 | | | | |
| Aug 18 2014 | MD: | TVD: | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | CONTINUE TO RIG UP H&P 252 ALL RIG MOVED IN 60% RIGGED UP | | | | |
| | FINISH BRINGING RIG IN FROM OLD LOCATION AND RIG UP. RIG IS 60% RIGGED UP EVERYTHING IS SET.;CONTINUE RIGGING UP ASSEMBLE OBM RECOVERY SYSTEM BEHIND MUD TANKS. | | | | | |
| | ACTIVITY PLANNED: | FINISH RIGGING UP NIPPLE UP TEST, FILL PITS WITH OBM, START PICKING UP BHA | | | | |
| Aug 19 2014 | MD: | TVD: | FOOTAGE: | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | NIPPELING UP BLOW OUT PREVENTER | | | | |
| | CONTINUE RIGGING UP MAKE REPAIRS TO HPU UNIT AND DRILL LINE SPOOL AND HOIST DERRICK ONTO FLOOR. CHANGE HYDRO CYLENDERS AND READY TO RAISE DERRICK. DERRICK DAISED AND PINED @ 2:30 PM SET CAT WALK AND RELEASE ALL RIG MOVE EQUIPMENT. CONTINUE RIGGING UP;STRING UP BLOCKS AND UNPIN BLOCKS START RIGGING UP FLOOR AND ASSEMBLE RIG COMPONENTS.;PICK UP BOP INSTALL X-OVER SPOOL AND MOVE BOP OVER HEAD AND LOWER BEGINE TO TIGHTEN BOLTS. | | | | | |
| | ACTIVITY PLANNED: | FINISH NIPPLE UP TEST BOP, AND START PICKING UP BHA, TRIP IN HOLE AND DISPLACE | | | | |
| Aug 20 2014 | MD: 6,633 | TVD: 6,633 | FOOTAGE: 1 | MW: 0.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | MAKING REPAIRS TO BRAKE SYSTEM ON DRAWWORKS THERE WERE MULTIPLE PADS CRACKED | | | | |
| | FINISH NIPPLE UP BLOW OUT PREVENTER ADDED DSA AND TIGHTENED THREE SETS OF BOLTS, AND AM NOW READY TO TEST STACK.;CONTINUE WORKING ON RIG HOOK UP KOOMY LINES, WORK ON MUD PUMPS, CHECK BREAK PADS ON DRAWWORKS.;TEST BOP AND CHOKE MANIFOLD LINES AND TEST BACK TO MUD PUMP WITH 250 LOW AND 5000 HI ALL GOOD TEST HYDRILL 250 LOW AND 3500 HI GOOD TEST;SERVICE RIG;PICK UP BELL NIPPLE AFTER WELDER MADE MODIFICATIONS AND THE WELD TEST PEOPLE INSPECTED WELDS AND GAVE GO AHEAD AND SET ON TOP OF STACK.;FINISH HOOKING UP BELL NIPPLE AND FLOWLINE AND TIGHTEN ALL BOLTS.;RIG MECHANIC WAS CALLED BACK TO RIG TO CHECK NOIES IN BREAKS AND DISCOVERED THAT COMPLETE BREAK SYSTEM NEEDED CHANGED OUT DUE TO CRACKS IN ASSEMBLY. THE EQUIPMENT IS HAVING TO BE SENT FROM HOUSTON. | | | | | |
| | ACTIVITY PLANNED: | FINISH REPAIRS AND START IN HOLE WITH DRILLING ASSEMBLY | | | | |

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| Aug 21 2014 | MD: 6,633 | TVD: 6,633 | FOOTAGE: | MW: 9.3 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | PICKING UP DRILL PIPE | | | | |
| | CONTINUE WAITING ON PARTS AND MAKING RIG REPAIRS ON ELECTRIC BRAKE SYSTEM.;BURN IN BREAKS, ATTACH BLOCKS TO DERRICK DOCKING PINS AND DO A PULL TEST, UNPIN BLOCKS AND PUT GUARDS BACK ON DRAWWORKS.;PICK UP AND MAKE UP NEW BOTTOM HOLE ASSEMBLY.;PICK UP DRILL PIPE | | | | | |
| | ACTIVITY PLANNED: | FINISH PICKING UP PIPE DISPLACE HOLE W/OBM DRILL CEMENT & FLOAT EQU. AND DRILL AHEAD | | | | |
| Aug 22 2014 | MD: 6,950 | TVD: 6,950 | FOOTAGE: 317 | MW: 9.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | CIRCULATING HOLE CLEAN PREPARING TO POOH TO PICK UP VERTICAL SCOUT TOOL | | | | |
| | CONTINUE PICKING UP DRILL PIPE FROM 5814 TO 6591 AND TAG FLOAT COLLAR.;DISLPACE WATER FROM HOLE WITH OIL BASE MUD.;DRILL CEMENT AND FLOAT EQUIPMENT DRILL OUT OF SHOE @ 6632;DRILL AHEAD FROM 6632 TO 6633;AIR HOIST LINE GOT HUNG UP IN TOP DRIVE AND PULLED DOWN GUIDE ARM FROM TOP DRIVE HITTING FLOOR ALSO JERKED DOWN AIR HOIST LINE WHICH PILED UP ON RIG FLOOR. TAKE OFF OLD BROKEN PARTS AND WELD ON NEW BOLT SHOE AND GUIDE HAVE INSPECTED AND CERTIFIED BY WELD INSPECTOR. AND ALSO REPLACE AIR HOIST CABLE IN DERRICK;DRILLING AHEAD FROM 6663 TO 6949 WITH 75 & 75 ON PUMPS WITH 2350 PSI, 22 TO 8 K WOB AND 100 TD RPM, 575 GPM AND TAKING FLOW DRIFT SURVEYS;TAKE MULTIPLE SURVEYS WITH FLOW DRIFT TOOL TO MAKE SURE IT WAS WORKING CORRECTLY.;CIRCULATE TO CLEAN HOLE AND BUILD SLUG FOR DRY PIPE. | | | | | |
| | ACTIVITY PLANNED: | TRIP OUT PICK UP SCOUT TOOL TRIP IN HOLE AND DRILL AHEAD | | | | |
| Aug 23 2014 | MD: 7,060 | TVD: 7,060 | FOOTAGE: 110 | MW: 9.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD WITH ROTATION AND SLIDING W/PHONEX DIRECTIONAL | | | | |
| | FLOW CHECK AND PULL OUT OF HOLE FOR BHA CHANGE;RACK BACK HEAVY WEIGHT AND DRILL COLLARS, LAY DOWN STABILIZERS, FLOWDRIFT TOOL, AND MUD MOTOR;RIG SERVICE;WAIT ON DIRECTIONAL TOOLS TO ARRIVE ON LOCATION.;STRAP DIRECTIONAL TOOLS AND DOWNLOAD INFORMATION TO MWD TOOL;PICK UP AND MACK UP DIRECTIONAL TOOLS AND SURFACE TEST.;REPLACE TOP DRIVE SWIVIL PACKING AND RE SURFACE TEST.;HOLD SAFETY MEETING MAKE UP BIT AND TRIP IN HOLE WITH NEW BHA;TRIP IN HOLE WITH DRILL PIPE AND BREAK CIRCULATION.;SLIDE DRILL FROM 6949 TO 6964 12K WOB, 500 GPM;.;ROTARY DRILL FROM 6964 TO 7010 18K WOB, 65 RPM, 500 GPM;SLIDE DRILL FROM 7010 TO 7025 12K WOB, 500 GPM;ROTARY DRILL FROM 7025 TO 7060 18K WOB, 65 RPM, 500 GPM | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD STRAIGHTEN HOLE | | | | |
| Aug 24 2014 | MD: 7,800 | TVD: 7,800 | FOOTAGE: 740 | MW: 8.8 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | ROTARY DRILLING AHEAD WITH BENT MOTOR | | | | |
| | ROTATE AND SLIDE DRILL STRAIGHTING HOLE FROM 7060 TO 7400 WITH 20K WOB, RPN 65, 500 GPM WHILE ROTATING AND 15K WOB, 500 GPM WHILE SLIDING.;RIG SERVICE;ROTATE AND SLIDE DRILL STRAIGHTING HOLE FROM 7400 TO 7421 WITH 20K WOB, RPN 65, 500 GPM WHILE ROTATING AND 15K WOB, 500 GPM WHILE SLIDING.;ROTATE AND SLIDE DRILL STRAIGHTING HOLE FROM 7421 TO 7800 WITH 20K WOB, RPN 65, 500 GPM WHILE ROTATING AND 15K WOB, 500 GPM WHILE SLIDING. | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD STRAIGHTEN HOLE | | | | |
| Aug 25 2014 | MD: 8,527 | TVD: 8,357 | FOOTAGE: 727 | MW: 8.8 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD WITH ROTATION AND SLIDING W/PHONEX DIRECTIONAL | | | | |
| | ROTARY DRILL FROM 7800 TO 8200 WITH 27K WOB AND 500 GPM AND 65 RPM;ROTARY DRILL FROM 8200 TO 8242 WITH 27K WOB AND 500 GPM AND 65 RPM;SLIDE DRILL FROM 8242 TO 8262 WITH 18K WOB AND 500 GPM;ROTARY DRILL FROM 8262 TO 8337 WITH 27K WOB AND 500 GPM AND 65 RPM;SLIDE DRILL FROM 8337 TO 8362 WITH 18K WOB AND 500 GPM;ROTARY DRILL FROM 8362 TO 8527 WITH 27K WOB AND 500 GPM AND 65 RPM | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD WITH PHOENIX DIRECTIONAL | | | | |
| Aug 26 2014 | MD: 9,145 | TVD: 9,126 | FOOTAGE: 618 | MW: 8.8 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD ROTATING AND SLIDING | | | | |
| | ROTATE AND SLIDE DRILL STRAIGHTING HOLE FROM 8527 TO 8811 WITH 20K WOB, RPN 65, 500 GPM WHILE ROTATING AND 15K WOB, 500 GPM WHILE SLIDING.;RIG SERVICE;ROTATE AND SLIDE DRILL STRAIGHTING HOLE FROM 8811 TO 9145 WITH 20K WOB, RPN 65, 500 GPM WHILE ROTATING AND 15K WOB, 500 GPM WHILE SLIDING. | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD TO KOP | | | | |
| Aug 27 2014 | MD: 9,785 | TVD: 9,677 | FOOTAGE: 640 | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | ROTARY AND SLIDE DRILLING AHEAD TO KOP | | | | |
| | ROTARY AND SLIDE DRILL FROM 9145 TO 9238 ROTATING WITH 30K WOB AND 550 GPM AND 60 RPM. SLIDING WITH 30K WOB AND 550 GPM;RIG SERVICE;ROTARY AND SLIDE DRILL FROM 9238 TO 9475 ROTATING WITH 30K WOB AND 550 GPM AND 60 RPM. SLIDING WITH 30K WOB AND 550 GPM;ROTARY DRILL FROM 9475 TO 9495 WITH 60 RPM AND 30K WOM AND 550 GPM.;REDUCE PUMP RATE TO 522 GPM AND START LOWERING MUD WEIGHT TO 8.6 AND ROTARY AND SLIDE DRILL FROM 9495 TO 9785 | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING TO KICK OFF POINT DROP GYRO AND POOH | | | | |

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| Aug 28 2014 | MD: 10,460 | TVD: 10,460 | FOOTAGE: 675 | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRLG AHEAD @ 10,460 | | | | |
| | DRLG F/9,774 T/ 10,037 WOB-32, SPM-136, GPM-520,DIFF-320;LUBRICATE RIG;DRLG F/10,037 T/ 10,460. WOB-30 GPM-520,SPM-136, RPM-60 | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD TO KOP | | | | |
| Aug 29 2014 | MD: 10,690 | TVD: 10,690 | FOOTAGE: 230 | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | POOH TO PICK UP CURVE ASSEMBLY | | | | |
| | DRLG F 10,438, T/10,610 WOB-32, GPM-520, SPM-136, ROT-60;LUBRICATED RIG AND TOP DRIVE;DRLG F/ 10,610 T/ 10,690, WOB-32 GPM-520 ROT-60,SPM-136 T.D. AT 10,690;CIRC BTMS UP, FLOW CHECK, WELL STATICK, PUMP 30 BBL SLUG;POOH F/ 10,690 T/ 9661, PREPARE TO RUN GYRO;RUN GYRO WITH VAUGHN ENERGY;CONTINUE TO POOH F/9661 T/5000 | | | | | |
| | ACTIVITY PLANNED: | TIH AND START DRILLING CURVE SECTION | | | | |
| Aug 30 2014 | MD: 10,943 | TVD: 10,943 | FOOTAGE: 253 | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRLG CURVE @ 10,943 | | | | |
| | CONTINUE TO PULL OUT OF THE HOLE TO PICK UP CURVE ASSEMBLY;HELD S/M, LAY DOWN MOTOR,BIT & MWD TOOL, PICK UP MOTOR,AND MWD TOOL SURFACE TEST, GOOD TEST MAKE UP BIT.;TRIP IN THE HOLE F/SURFACE T/ 349.;LUBRICATE THE RIG;C/O LINK TILT CYLINDER;CONTINUE TO TRIP IN THE HOLE WITH THE CURVE ASSEMBLY;DRLG BUILDING CURVE, F10,690 T/ 10,943,GPM-500, WOB-32, SPM-130, | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD | | | | |
| Aug 31 2014 | MD: 11,385 | TVD: 11,385 | FOOTAGE: 442 | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILG CURVE @ 11,385 | | | | |
| | DRLG F/ 10,943 T/ 11,063 WOB-30 GPM-500 RPM-20 SPM-140;DIR WORK, MWD COMPUTER WENT DOWN AND WAS NOT ABLE TO LOG HOLE. HAD TO RE LOG 30 FOOT.;CONTINUE TO DRIL CURVE SECTION F/ 11,063 T/ 11,099, WOB-24 GPM-500, SPM-140 RPM-20;LUBRICATE RIG AND TOP DRIVE;DRLG F/11,063 T,11,385 WOB-30 GPM-570, RPG-164 DIFF-350 SPM-150. | | | | | |
| | ACTIVITY PLANNED: | CONTINUE TO DRLG CURVE TO T.D. | | | | |
| Sep 1 2014 | MD: 11,510 | TVD: 11,510 | FOOTAGE: 125 | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | L/D DRILL PIPE TO THE RACKS | | | | |
| | DRLG CURVE F/ 11,385 T/ 11,510, WOB-35,GPM-534,SPM-140,DIFF-140;CIRC HOLE CLEAN PUMP 60 BBL HIGH VIS SWEEP,PUMP FLUID CALIPER;PULL OUT OF THE HOLE STANDING BACK 12 STANDS IN THE DERRICK;L/D DRILL PIPE TO THE RACKS;LUB RIG AND TOP DRIVE;CONTINUE TO L/D DRILL PIPE TO THE RACKS;TRIP IN THE HOLE WITH PIPE FROM THE DERRICK;REMOVE ROT HEAD INSTALL TRIP NIPPLE, CONTINUE TO L/D PIPE TO THE RACKS | | | | | |
| | ACTIVITY PLANNED: | RUN 7 INCH CASING & CEMENT. | | | | |
| Sep 2 2014 | MD: 11,510 | TVD: 11,510 | FOOTAGE: | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | CEMENTING FIRST STAGE & DISPLACE SAME | | | | |
| | REPAIR CHAIN ON SKATE, ON THE CATWALK;L/D DRILL PIPE & DIR TOOLS TO THE RACKS;RUN IN THE HOLE WITH 6 INCH DRILL COLLARS & HWDP, LAY DOWN TO THE RACKS.;RUN 7 INCH CASING WITH 3RD PARTY | | | | | |
| | 7 INCH -2INT UNIVERSITY 28 UNIT # 1H TOTAL 264JOINTS, P-110,WEIGHT 26# CON LTC TURB TOTAL F/11,464 T/ 6,238 121,CENT TOTAL 31, FROM 11,333 TO 6,194 HOLE DEPTH 11,510 SHOE DEPTH 11,508. FLOAT COLLAR 11,463.;RIG DOWN CASING EQUIPMENT;RIG UP TRANS/TEX CEMENTING EQUIPMENT;CEMENTING FIRST STAGE & DISPLACE SAME WITH TRANS/TEX | | | | | |
| | ACTIVITY PLANNED: | NIPPLE DOWN SET SLIPS NIPPLE UP & TEST | | | | |

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| Sep 3 2014 | MD: 11,510 | TVD: 11,510 | FOOTAGE: | MW: 8.7 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBSD: | |
| | PRESENT OPERATIONS: | PICKING UP D/P FROM RACKS | | | | |
| | <p>CEMENT 7 INCH AS FOLLOWS, 1000 GAL SURFACTANT PREFLUSH 10BBL FRESH BWATER LEAD 250 SK,WT 11.8,YIELD 2.42, GAL/SK 13.75 TAIL 575 SK, WT 14.40, YIELD 1.31, GAL/SK 5.59 FLOATS HELD BLED BACK 1 BBL TOTAL DISP VOLUME 352 BBL. FINAL LIFT PSI 1,000;DRAIN STACK, AND WASH THROUGH LINES PREP FOR NIPPLE DOWN;RIG DOW CEMENT EQUIPMENT AND LOAD OUT.;NIPPLE DOWN B.O.P., AND FLOW LINE. L/D MOUSE HOLE. SET SLIPS WITH 150K. ROUGH CUT & FINAL CUT CASING.;NIPPLE UP B.O.P. NIPPLE UP FLOW LINE.;TEST B.O.P., TEST CASING 2500, TRST BLINDS 250 LOW & 5,000 HIGH. CHANGED OT SAVER SUB, CHANGED OUT GRABBER DIES.;CONTINUE TO TEST B.O.P. LOW 250, HIGH 5,000 UPPER & LOWE PIPE RAMS, CHOKE MANIFOLD, DART VALVE, TIW, ANNULAR 250 LOW, 3,500 HIGH;PICK UP DIR TOOLS SCRIBE MOTOR;LUBRICATE RIG.;CHANGED OUT SAVER SUB DUE TO THREAD BEING DAMAGED;TEST MWD TOOL WOULD NOT TEST, CHANGED OUT MWD TOOL, TEST GOOG TEST MAKE UP BIT;PICK UP D/P FROM THE RACKS @ 3,000 FOOT</p> | | | | | |
| | ACTIVITY PLANNED: | CONTINUE TO PICK UP D/P & STARTR DRILLING LAT SECTION | | | | |
| Sep 4 2014 | MD: 11,510 | TVD: 11,510 | FOOTAGE: | MW: 8.9 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBSD: | |
| | PRESENT OPERATIONS: | PICKING UP DIR TOOLS & TRIPPING IN THE HOLE | | | | |
| | <p>PICK UP D/P FROM RACKS.;DRILLING CEMENT F/9865 T/ 10,000 WOB-2/5 SPM-65;TRIP OUT OF THE HOLE DUE TO HIGH PSI WE HAD PLUGED JETS & A PARTED MWD TOOL;HELD PJSM, LAY DOWN MOTOR BREAK BIT PULLED MWD AND LAY OUT.</p> | | | | | |
| | ACTIVITY PLANNED: | TRIP IN THE HOLE DRLG FLOAT EQUIPMENT CEMENT AND START LAT SECTION | | | | |
| Sep 5 2014 | MD: 11,510 | TVD: 11,510 | FOOTAGE: | MW: 8.9 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBSD: | |
| | PRESENT OPERATIONS: | DRLG CEMENT | | | | |
| | <p>P/U LAY DOWN BHA. SCRIBE MOTOR, PICK UP MWD TOOL, TEST MWD TOOL BAD TEST, CHANGED OUT MULE SHOE, AND ORFACE, TEST MWD TOOL GOOD TEST P/U AND MAKE UP BIT AND TORQUE BUSTER;TRIP IN THE HOLE;DRIL CEMENT F/ 10,000 T/ 11,480 GPM-230, SPM-60, REV/GAL 60, DIFF-250</p> | | | | | |
| | ACTIVITY PLANNED: | DRLG FLOAT EQUIPMENT, AND LATERAL SECTION | | | | |
| Sep 6 2014 | MD: 11,827 | TVD: 11,827 | FOOTAGE: 317 | MW: 8.9 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBSD: | |
| | PRESENT OPERATIONS: | L/D DIR TOOLS | | | | |
| | <p>DRLG CEMENT, F/11,481 T/ 11,510 WOB-20 GPM-250, SPM-60.;DRLG LAT SECTION F/ 11,510 T/ 11,763, WOB-27 SPM-60, GPM-230</p> | | | | | |
| | <p>ROT FOOTAGE= 191 SLIDE FOOTAGE=62;LUBRICATE RIG;DRLG LAT SECTION F/11,763 T/11,827, WOB-25,SPM-60,GPM-230</p> | | | | | |
| | <p>ROT FOOTAGE=27 SLIDE FOOTAGE = 28;P.O.O.H. F/11,827 T/ SURFACE;DRAIN MOTOR, BREAK BIT, PULLED MWD TOOL,CHECK SCRIBE,(SCRIBE IS OUT 123.53 DEG) LAY DOWN DIR TOOLS</p> | | | | | |
| | ACTIVITY PLANNED: | TRIP IN THE HOLE AND CONTINUE TO DRILL LAT SECTION | | | | |
| Sep 7 2014 | MD: 12,155 | TVD: 12,155 | FOOTAGE: 328 | MW: 9.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBSD: | |
| | PRESENT OPERATIONS: | DRLG LAT SECTION @ 12,155 | | | | |
| | <p>EJSA, P/U BHA SCRIBE MOTOR, WAITING ON MONEL.;STRAP MONEL P/U & MAKE UP, RUN IN THE HOLE AND TEST.;TOP DRIVE DOWN DUE TO GROUND FAULT;CUT 94 FOOT OF DRILLING LINE.;LUBRICATE RIG CHECK COM.;TRIP IN THE HOLE WITH NEW BHA TO 11,827;DRLG F/ 11,827 T/ 12,155, WOB-20 GPM-230,SPM-60 OFF BOTTOM PSI 2750,ON BOTTOM PSI 3100,</p> | | | | | |
| | <p>ROT FOOTAGE= 263 SLIDE FOOTAGE= 65</p> | | | | | |
| | ACTIVITY PLANNED: | CONTINUE TO DRLG LAT SECTION | | | | |
| Sep 8 2014 | MD: 12,335 | TVD: 12,335 | FOOTAGE: 180 | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBSD: | |
| | PRESENT OPERATIONS: | TRIPPING IN THE HOLE WITH NEW LAT BHA. | | | | |
| | <p>DRLG LAT SECTION F/12,177 T/ 12,335. WOB=20, GPM=230, SPM=60 ROT FOOTAGE=108 SLIDE FOOTAGE=50;CIRC HOLE CLEAN,BUILD SLUG,FILL TRIP TANK, FLOW CHECK, WELL STATIC;P.O.O.H FOUND BROKEN SHAFT IN MOTOR;DIR WORK, DRAIN MOTOR, BREAK & LAY OUT BIT AND MOTOR.;TRIP IN THE HOLE FROM SURFACE TO 11,500</p> | | | | | |
| | ACTIVITY PLANNED: | DRLG LAT SECTION | | | | |

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| Sep 9 2014 | MD: 12,804 | TVD: 12,804 | FOOTAGE: 469 | MW: 8.9 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILL 6.125" LAT SECTION @ 12,335 | | | | |
| | CONTINUE TO TRIP IN THE HOLE WITH NEW BIT TQ BUSTER AND MOTOR;DRLG F/12,335 T/ 12.705 WOB-25, GPM-230, SPM-60, REV/GAL 119. | | | | | |
| | ROT FOOTAGE= 355 SLIDE FOOTAGE =15;LUBRICATE RIG;DRLG F/ 12,705 T/ 12,804, WOB-27, GPM-230, REV/GAL 119, SPM-60. | | | | | |
| | ACTIVITY PLANNED: | CONTINUE TO DRLG LAT SECTION | | | | |
| Sep 10 2014 | MD: 12,918 | TVD: 11,128 | FOOTAGE: 114 | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD WITH ROTATION AND SLIDING W/PHONEX DIRECTIONAL | | | | |
| | ROTARY DRILL FROM 12,780 TO 12,792 30K WOB, 60 SPM, 3150 PSI.;CIRCULATE AND BUILD SLUG FOR TRIP OUT OF HOLE. FILL TRIP TANKS PUMP SLUG AND CHECK FOR FLOW (WELL STATIC);PULL OUT OF HOLE FROM 12,792 TO 9500 FEET;REMOVE ROTATING HEAD AND INSTALL TRIP NIPPLE.;FINISH PULLING OUT OF HOLE AND LAY DOWN BHA.;WAIT ON DIRECTIONAL TOOLS TA ARIVE ON LOCATION. CLEAN RIG FLOOR READY RIG TO TRIP IN HOLE.;PICK UP NEW DIRECTIONAL BHA TEST MOTOR AND DIRECTIONAL TOOLS. MAKE UP TORQUE BUSTER AND BIT.;CONTINUE TRIP IN HOLE TO 11,385 FEET;REMOVE TRIP NIPPLE AND INSTALL ROTATING HEAD.;FINISH TRIP IN HOLE BREAK CIRCULATION AND WASH TO BOTTOM.;ROTARY DRILL FROM 12,792 TO 12,819 WITH 20K WOB, 60 SPM @ 230 GPM, 60 RPM;SLIDE DRILL FROM 12,819 TO 12,825 WITH 25 K WOB, 60 SPM @ 230 GPM;ROTARY DRILL FROM 12,825 TO 12,918 WITH 20K WOB, 60 SPM @ 230 GPM, 60 RPM | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD | | | | |
| Sep 11 2014 | MD: 12,960 | TVD: 11,129 | FOOTAGE: 42 | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD WITH ROTATION AND SLIDING W/PHONEX DIRECTIONAL | | | | |
| | ROTARY DRILL FROM 12,198 TO 12,917 WITH 23K WOB AND 60 RPM AND 230 GPM;CIRCULATE AND BUILD SLUG FOR DRY PIPE. PUMP SLUG AND CHECK FOR FLOW OK;TRIP OUT OF HOLE FOR BIT CHANGE;PULL MWD TOOL, BREAK OUT BIT CHANGE OUT MUD MOTOR, BIT AND PUT IN NEW MWD TOOLS AND TEST OK.;PULL OUT ROTARY TABLE BUSHINGS AND REPLACE WITH NEW ONES. HAVING TROUBLE MAKING SLIPS BIT DRILL PIPE.;TRIP BACK IN HOLE TO 12,800 BREAK CIRCULATION AND WASH TO BOTTOM AND PATTERN BIT.;ROTARY DRILL FROM 12,917 TO 12,960 WITH 18 TO 20K WOB AND 40 TD RPM 230 GPM | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD | | | | |
| Sep 12 2014 | MD: 13,510 | TVD: 11,138 | FOOTAGE: 550 | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD SLIDING AND ROTATING | | | | |
| | ROTARY DRILL FROM 12,960 TO 13,013 WITH 22K WOB AND 40 RPM AND 230 GPM;SLIDE DRILL FROM 13,013 TO 13,022 WITH 40 TO 45K WOB AND 230 GPM;ROTARY DRILL FROM 13,022 TO 13,189 WITH 22K WOB AND 40 RPM AND 230 GPM;RIG SERVICE;ROTARY DRILL FROM 13,189 TO 13,275 WITH 22K WOB AND 40 RPM AND 230 GPM;ROTARY DRILL FROM 13,275 TO 13,379 WITH 22K WOB AND 40 RPM AND 230 GPM;SLIDE DRILL FROM 13,379 TO 13,389 WITH 15K WOB AND 230 GPM;ROTARY DRILL FROM 13,389 TO 13,477 WITH 25K WOB AND 40 RPM AND 230 GPM;SLIDE DRILL FROM 13,477 TO 13,492 WITH 20K WOB AND 230 GPM;ROTARY DRILL FROM 13,477 TO 13,492 WITH 25K WOB AND 40 RPM AND 230 GPM;SLIDE DRILL FROM 13,492 TO 13,496 WITH 20K WOB AND 230 GPM;ROTARY DRILL FROM 13,496 TO 13,500 WITH 25K WOB AND 40 RPM AND 230 GPM;SLIDE DRILL FROM 13,500 TO 13,510 WITH 20K WOB AND 230 GPM | | | | | |
| | ACTIVITY PLANNED: | DO CLEAN UP CYCLE @ 13,510 TO CLEAN HOLE, CONTINUE DRILLING AHEAD | | | | |
| Sep 13 2014 | MD: 13,872 | TVD: 11,144 | FOOTAGE: 362 | MW: 9.0 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD WITH ROTATION AND SLIDING | | | | |
| | ROTARY DRILL FROM 13,529 TO 13,567 WITH 22K WOB AND 40 RPM AND 230 GPM;CIRCULATE TWO BOTTOMS UP WORKING A FULL STAND UP FIVE MINUTES AND DOWN FIVE MINUTES WITH 55 RPM UP AND 75 RPM DOWN;ATTEMPT TO SLIDE COULD NOT SLIDE WEIGHT STACKING UP ON BIT LOSING TOOL FACE.;ROTARY DRILL FROM 13,567 TO 13,579 WITH 60 RPM AND 22K WOB AND 230 GPM;SLIDE DRILL FROM 13,579 TO 13,585 WITH 20 TO 24K WOB AND 230 GPM;ROTARY DRILL FROM 13,585 TO 13,664 WITH 25K WOB AND 35 RPM AND 153 GPM;RIG SERVICE;ROTARY DRILL FROM 13,664 TO 13,760 WITH 30K WOB AND 35 RPM AND 153 GPM;ROTARY DRILL FROM 13,760 TO 13,770 WITH 30K WOB AND 35 RPM AND 153 GPM;SLIDE DRILL FROM 13,770 TO 13,777 WITH 15K WOB AND 250 GPM;ROTARY DRILL FROM 13,777 TO 13,791 WITH 30K WOB AND 35 RPM AND 153 GPM;SLIDE DRILL FROM 13,791 TO 13,801 WITH 15K WOB AND 250 GPM;ROTARY DRILL FROM 13,801 TO 13,823 WITH 30K WOB AND 35 RPM AND 153 GPM;SLIDE DRILL FROM 13,823 TO 13,832 WITH 15K WOB AND 250 GPM;ROTARY DRILL FROM 13,823 TO 13,865 WITH 35K WOB AND 35 RPM AND 153 GPM;SLIDE DRILL FROM 13,865 TO 13,872 WITH 15K WOB AND 250 GPM | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING LATERAL SECTION | | | | |
| Sep 14 2014 | MD: 14,489 | TVD: 11,126 | FOOTAGE: 617 | MW: 8.8 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: |
| | PRESENT OPERATIONS: | DRILLING AHEAD ROTATING AND SLIDING. SLIDING MUCH IMPROVED AFTER SHORT TRIP | | | | |
| | ROTARY DRILL FROM 13,872 TO 14,060 WITH 25K WOB AND 35 RPM AND 153 GPM;ATTEMPT TO SLIDE DRILL WEIGHT WOULD STACK UP. USED ROCKING SYSTEM ON TD COULD NOT MAKE IT DRILL OFF.;CIRCULATE TWO BOTTOMS UP CLEAN HOLE FOR 28 STAND WIPER TRIP.;SLUG PIPE AND PULL OUT OF HOLE TO 11,576 WITH NO TROUBLE;CIRCULATE BOTTOMS UP @ CASING SHOE;TRIP BACK IN HOLE WITH NO TROUBLE HOLE SLICK.;SLIDE DRILL FROM 14,060 TO 14,068 WITH 25K WOB AND 250 GPM;ROTARY DRILL FROM 14,068 TO 14,233 WITH 22K WOB AND 35 RPM AND 153 GPM;ROTARY DRILL FROM 14,233 TO 14,489 WITH 25K WOB AND 60 RPM AND 230 GPM | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD TO TD @ 16,553 | | | | |

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| Sep 15 2014 | MD: 14,870 | TVD: 11,112 | FOOTAGE: 381 | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | DRILLING AHEAD ROTARY DRILLING AND SLIDE DRILLING | | | | | |
| | <p>ROTARY DRILL FROM 14,489 TO 14,631 WITH 28K WOB AND 60 RPM AND 230 GPM;SLIDE DRILL FROM 14,631 TO 14,636 WITH 25 TO 35K WOB AND 237 GPM.;ROTARY DRILL FROM 14,636 TO 14,712 WITH 29K WOB AND 40 RPM AND 249 GPM;SERVICE RIG;ROTARY DRILL FROM 14,712 TO 14,761 WITH 30K WOB AND 60 RPM AND 192 GPM;CIRCULATE AND CLEAN HOLE FOR WIPER TRIP TO 7" CASING SHOE. WORKING PIPE UP FIVE MINUTES AND DOWN FIVE MINUTES A FULL 90 FEET.;KICK OUT PUMP AND CHECK FOR FLOW OK. PUMP SLUG FOR DRY PIPE.;PULL OUT OF HOLE TO JUST BELOW CASING SHOE 11,560 NO TROUBLE CAME OUT SLICK.;CIRCULATE BOTTOMS UP AND GET HEAVY MUD FROM SLUG OUT OF HOLE.;TRIP BACK IN HOLE TO 14,616 NO TROUBLE.;BREAK CIRCULATION AND WASH FROM 14,616 TO 14,761;SLIDE DRILL FROM 14,761 TO 14,775 WITH 25K WOB AND 230 GPM @ 60 SPM. WAS ABLE TO SLIDE MUCH EASIER AFTER WIPER TRIP.;ROTARY DRILL FROM 14,775 TO 14,839 WITH 28K WOB AND 60 RPM AND 230 GPM @ 60 SPM;SLIDE DRILL FROM 14,839 TO 14,870 WITH 35K WOB AND 230 GPM @ 60 SPM</p> | | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING LATERAL SECTION TO TOTAL DEPTH | | | | | |
| Sep 16 2014 | MD: 15,568 | TVD: 11,086 | FOOTAGE: 698 | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | DRILLING AHEAD IN 6 1/8 LATERAL SECTION | | | | | |
| | <p>ROTARY DRILL FROM 14,870 TO 15,012 WITH 20K WOB AND 60 RPM AND 230 GPM;SLIDE DRILL FROM 15,012 TO 15,018 WITH 35K WOB AND 230 GPM;ROTARY DRILL FROM 15,018 TO 15,093 WITH 28K WOB AND 60 RPM AND 230 GPM;RIG SERVICE;ROTARY DRILL FROM 15,093 TO 15,170 WITH 29K WOB AND 60 RPM AND 230 GPM;ROTARY DRILL FROM 15,170 TO 15,568 WITH 28K WOB AND 60 RPM AND 230 GPM</p> | | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING LATERAL SECTION TO TOTAL DEPTH | | | | | |
| Sep 17 2014 | MD: 15,642 | TVD: 11,084 | FOOTAGE: 74 | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | TRIPPING IN HOLE WITH NEW BIT AND MOTOR | | | | | |
| | <p>ROTARY DRILL FROM 15,568 TO 15,569 (SURVEY ISSUES, RE-CYCLE PUMPS 3Xs SWITCH PUMPS);CIRCULATE BOTTOMS UP WORKING PIPE 1 CLEAN UP CYCLE WORK PIPE A FULL STAND 5 MINUTES UP AND FIVE MINUTES DOWN;ROTARY DRILL FROM 15,569 TO 15,642 WITH 30K WOB AND 35 RPM AND 256 GPM;CIRCULATE BOTTOMS UP WORKING PIPE 1 CLEAN UP CYCLE WORK PIPE A FULL STAND 5 MINUTES UP AND FIVE MINUTES DOWN READING FOR TRIP OUT OF HOLE.;PUMP SLUG FOR DRY PIPE AND PULL OUT OF HOLE FOR B.H.A. CHANGE;FINISH PULL OUT OF HOLE TO DIRECTIONAL BHA;BREAK OUT BIT, PULL AND LAY DOWN MWD TOOL AND LAY DOWN MUD MOTOR.;PICK UP NEW MUD MOTOR AND PUT IN NEW MWD TOOL AND SURFACE TEST OK. MAKE UP NEW BIT.;TRIP IN HOLE FROM 101 FEET TO 11,386 FEET FILLING PIPE EACH 30 STANDS.;PIN TOP DRIVE TO DERRICK AND CUTT DRILL LINE 108 FEET. REMOVE TREIP NIPPLE AND INSTALL ROTATING HEAD.;CONTINUE TRIP IN HOLE</p> | | | | | | |
| | ACTIVITY PLANNED: | DRILL AHEAD TO TOTAL DEPTH | | | | | |
| Sep 18 2014 | MD: 15,877 | TVD: 11,081 | FOOTAGE: 235 | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | CIRCULATING HOLE CLEAN PREPAIRING TO POOH TO REPLACE MUD MOTOR | | | | | |
| | <p>CONTINUE TRIP IN HOLE TO 15,283 FEET;BREAK CIRCULATION AND WASH TO BOTTOM FROM 15,283 TO 15,642;SLIDE DRILL FROM 15,642 TO 15,706 WITH 21K WOB AND 40 RPM AND 230 GPM;SERVICE RIG;ROTARY DRILL FROM 15,706 TO 15,735 WITH 21K WOB AND 40 RPM AND 230 GPM;SLIDE DRILL FROM 15,789 TO 15,775 WITH 8 TO 10K WOB AND 230 GPM;SLIDE DRILL FROM 15,775 TO 15,777 WITH 10K WOB AND 230 GPM;ROTARY DRILL FROM 15,777 TO 15,865 WITH 24K WOB AND 40 RPM AND 230 GPM;SLIDE DRILL FROM 15,865 TO 15,876 WITH 25K WOB AND 230 GPM;ROTARY DRILL FROM 15,876 TO 15,877 MOTOR WOULD NOT DRILL DIFFERENTIAL PRESSURE WOULD NOT COME UP.;CIRCULATE CLEANING HOLE FOR TRIP OUT WORKING PIPE UP FIVE MINUTES @ 50 RPM AND DOWN FIVE MINUTES @ 70 RPM</p> | | | | | | |
| | ACTIVITY PLANNED: | TRIP OUT OF HOLE CHANGE BHA AND TRIP IN CONTINUE DRILLING AHEAD TO TD | | | | | |
| Sep 19 2014 | MD: 15,954 | TVD: 11,077 | FOOTAGE: 77 | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | DRILLING AHEAD WITH ROTATION | | | | | |
| | <p>FINISH CIRCULATING CLEAN UP CYCLE FOR TRIP OUT.;SLUG PIPE AND PULL OUT OF HOLE TO 11,482 FEET.;REMOVE ROTATING HEAD AND INSTALL TRIP NIPPLE.;FINISH PULLING OUT OF HOLE TO BOTTOM HOLE ASSEMBLY.;BREAK OUT BIT, MOTOR, (MOTOR HAD BROKEN DRIVE UNIT) LAY DOWN OLD TOOLS.;PICK UP NEW MOTOR AND NEW BIT, AND MAKE UP SAME WITH TORQUE BUSTER. PICK UP NEW MWD TOOLS.;FINISH TRIP IN HOLE FILLING PIPE EACH 30 STANDS, TO 15,877 FEET;ROTARY DRILL FROM 15,877 TO 15,945 WITH 23K WOB AND 40 RPM AND 230 GPM.;RIG SERVICE;WORK ON TOP DRIVE RESET ALL FAULTS CHECK ALL BREAKERS. OK;ROTARY DRILL FROM 15,945 TO 15,954 WITH 23K WOB AND 60 TO 40 RPM AND 230 GPM.;CIRCULATE AND WORK PIPE READING TO P.O.O.H.</p> | | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD TO KOP | | | | | |
| Sep 20 2014 | MD: 16,021 | TVD: 11,077 | FOOTAGE: 67 | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | DRILLING AHEAD WITH ROTATION | | | | | |
| | <p>CONTINUE CIRCULATING BOTTOMS UP AND PUMP SLUG FOR DRY PIPE.;PULL OUT OF HOLE FROM 15,954 TO 11,481 FEET;REMOVE ROTATING HEAD AND INSTALL TRIP NIPPLE;CONTINUE PULLING OUT OF HOLE TO BHA @ 133 FEET;TAKE OUT AND LAY DOWN MWD TOOL, BREAK OUT BIT AND TAKE OFF TORQUE BUSTER AND LAY DOWN MUD MOTOR.;PICK UP NEW MOTOR, AND NEW BIT AND SCRIBE MOTOR AND TEST OK;FINISH TRIP IN HOLE FILLING PIPE EACH 30 STANDS.;BREAK CIRCULATION AND WASH 60 FEET TO BOTTOM.;ROTARY DRILL FROM 15,954 TO 16,021 WITH 18 TO 23K WOB AND 40 RPM AND 230 GPM.</p> | | | | | | |
| | ACTIVITY PLANNED: | CONTINUE DRILLING AHEAD TO TD @ 16,553 | | | | | |

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| Sep 21 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: 79 | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | <p>ROTARY DRILL FROM 16,017 TO 16,037 WITH 23K WOB 40 RPM AND 60 SPM @ 230 GPM.;ROTARY DRILL FROM 16,037 TO 16,058 WITH 35K WOB AND 65 RPM AND 240 GPM @ 64 SPM.;ROTARY DRILL FROM 16,058 TO 16,080 WITH 32K WOB AND 65 RPM WITH 64 SPM AND 240 GPM.;ROTARY DRILL FROM 16,080 TO 16,100 FEET WITH 32K WOB AND 65 RPM WITH 64 SPM AND 240 GPM. (MUD LOGGERS RELEASED);CIRCULATE AND WORK PIPE FOR TWO BOTTOMS UP FIVE MINUTES UP AND FIVE MINUTES DOWN FOR A FULL 90 FEET.;SLUG PIPE AND CHECK FOR FLOW. START TRIP OUT OF HOLE TO LAY DOWN DIRECTIONAL TOOLS</p> | | | | | |
| Sep 22 2014 | MD: 16,100 | TVD: 11,069 | FOOTAGE: | MW: 9.0 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | <p>PUMPING SLUG READYING TO PULL OUT OF HOLE TO PICK UP LINER.</p> <p>CONTINUE PULLING OUT OF HOLE FROM 5837' TO DIRECTIONAL BHA.;BREAK OUT AND LAY DOWN MWD TOOLS BREAK OUT BIT AND LAY DOWN ALL DIRECTIONAL TOOLS.;CLEAN OFF AND READY RIG FLOOR FOR TRIP IN HOLE.;PICK UP AND MAKE UP NEW BHA RR BIT AND , BITSUB, AND ONE JOINT OF DRILL PIPE AND REAMER FROM PACKERS PLUS.;SERVICE RIG AND REPAIR ELECTRIC PLUG GOING TO TOP DRIVE.;CONTINUE TRIP IN HOLE TO 11,389' FEET;REMOVE TRIP NIPPLE AND INSTALL ROTATING HEAD.;PIN TOP DRIVE WITH DOCKING PINS AND CUT OFF 102 FEET OF DRILLING LINE.;CONTINUE TRIP IN HOLE WITH REAMER HAD TO WORK THROUGH AREAS FROM 12,400' TO 12,860' SMOOTH THE REST OF THE WAY TO BOTTOM;CIRCULATE AND WORK PIPE CLEANING HOLE FOR LINER RUN. WORK A FULL STAND UP FIVE MINUTES AND DOWN FIVE MINUTES @ 120 RPM</p> | | | | | |
| | ACTIVITY PLANNED: | PULL OUT OF HOLE AND RIG UP CASING CREW AND PICK UP LINER | | | | | |
| Sep 23 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | <p>TRIPPING IN HOLE WITH LINER ASSEMBLY</p> <p>CHECK WELL FOR FLOW AND PUMP SLUG FOR DRY PIPE.;PULL OUT OF HOLE FROM 16,100' TO 11,484' FROM 12,990' TO 12,400' THERE WAS DRAG WORK STANDS UP AND DOWN THROUGH THAT SECTION THREE TIMES WIPING OUT ANY RESTRICTION.;REMOVE ROTATING HEAD AND INSTALL TRIP NIPPLE.;CONTINUE TRIP OUT OF HOLE FROM 11,484' TO BIT. LAY DOWN REAMER,BIT SUB, BIT.;CLEAN RIG FLOOR READY TO RIG UP CASING CREW.;HOLD SAFETY MEETING WITH BUTCHES CASING CREW AND ALL INVOLVED PERSONS.;RIG UP BUTCHES CASING CREW.;MAKE UP FLOAT SHOE,ONE JOINT OF CASING, FLOAT COLLAR AND LANDING COLLAR. ELEVATORS FOR CASING NOT CLOSING CORRECTLY. TRY WORKING WITH THEM AND LATCH WOULD NOT CLOSE ALL THE WAY LIKED ABOUT 3/4 OF AN INCH.;WAIT ON BUTCHES TO GET A WORKING SET OF ELEVATORS TO LOCATION. PUT ON NEW ELEVATORS AND CHECK WORKING FINE.;CONTINUE PICKING UP AND RUNNING LINER FILLING EACH 20 JOINTS TO 5708';RIG DOWN CASING CREW AND LOAD OUT THERE EQUIPMENT. CHANGE ELEVATORS.;MAKE UP CROSS OVER AND LINER HANGER, PACKER, PBR AND SET TOOL HAVE SAFETY MEETING WITH WEATHERFORD HAND ON RUNNING HANGER.;START TRIPPING IN HOLE WITH DRILL PIPE @ TWO MINUTES PER STAND.</p> | | | | | |
| | ACTIVITY PLANNED: | FINISH RUNNING LINER, CIRCULATE AND CEMENT LINER | | | | | |
| Sep 24 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 | |
| | RIG SUPERVISOR: | William R. Payne | | | | PBTD: | |
| | PRESENT OPERATIONS: | <p>WAITING ON WIRE TRUCK TO ARRIVE AND FIND FREE POINT</p> <p>FINISH TRIPPING IN HOLE WITH LINER FILLING UP EACH 20 STANDS AT TWO MINUTES PER STAND. LINER WENT SMOOTH ALL THE WAY TO BOTTOM NO DRAG AT ALL TAG BOTTOM AND PICK UP. RUN 128 JOINTS OF 4 1/2" 11.60# P-110 CASING. SHOE SET @ 16,090' AND FLOAT COLLAR @ 16,042' WITH A TURBOLIZER 1 PER JOINT ON EACH JOINT FOR A TOTAL OF 128 TURBOLIZERS.;CIRCULATE BOTTOMS UP @ 15 STROKES PER MINUTE, 850 PSI GOOD CIRCULATION THE WHOLE TIME.;BREAK DRILL PIPE ANDDROP BALL MAKE BACK UP STRING AND PUMP DOWN WITH 30 STROKES PER MINUTE BALL HIT LINER SET WITH 3294 PSI.;HOLD PRE JOB SAFETY MEETING WITH TRANS TEX CEMENTERS AND ALL INVOLVED PERSONS ON CEMENTING DETAILS.</p> <p>TEST LINES @ 5000 PSI SODIUM SILIACATE PRE-FLUSH 24 BBLS AT 5 BPM WITH 1080 PSI. PUMP 20 BBLS OF FRESH WATER SPACER @ 5 BPM @ 2000PSI. PUMP LEAD CEMENT 565 SACKS (173 BBLS) @ 13.20# AT 4 BBL PER MINUTE AT 2230 PSI. SHUT DOWN DROP PLUG AND WASH PUMPS AND LINES. DISPLACEMENT WITH 200 BBLSO F KCL AT 7 BPM WITH 250 PSI. COUGHT CEMENT @ 270 TO 1520 @ 30 BBLS GONE. PSI BEFORE SLOW RATE WASH 3400 SLOW RATE @ 2 BPM @ 950 PSI @ 90 BBLS GONE. LAND PLUG WITH 3100 PSI INCREASE TO 3800 PSI. CHECK FLOATS ALL GOOD 2.5 BBLS BACK TO TRUCK.;WORK WITH LINER HANGER AND TRY TO SET. WORK UP AND DOWN NOT SEEING ANY INDICATORS PACKER IS SETTING. PICK UP ONE MORE JOINT OF DRILL PIPE TO GET A FARTHER DOWN STROKE. HAD TO RIG DOWN CEMENT HEADAND PUT IN MOUSEHOLE. MADE UP JOINT OF PIPEAND WORK WITH HANGER SOME MORE LINER HANGER DID SET WITH THIS JOINT OF PIPE. LAY JOINTBACK DOWN MAKE BACK UP CEMENT HEAD AND PULL OUT OF HANGER.;CIRCULATE OUT WITH KCL WATER TO BRING CEMENT TO SURFACE. CIRCULATING PRESSURE STARTED OUT @ 3200 PSI AND WE HAD GOOD RETURNS. NOTICED THAT RETURNS WERE GETTING WEAK AND WENT TO PUMP TRUCK TO CHECK ON DISPLACEMENT. PUMP TRUCK OPERATOR HAS ALREADY PUMPED 304 BBLS OF DISPLACEMENT. WORK PIPE IT IS STILL FREE.;CHECK LINER PACKER WITH SURFACE TEST CLOSE HYDRILL AND PUMP THROUGH KILL LINE AND PRESSURE UP TO 2500 PSI AND PRESSURE DID NOT BLEED OFF (GOOD TEST);RIG DOWN HARD LINES AND CEMENT MANIFOLD;PULL OUT OF HOLE WITH 10 STANDS OF DRILL PIPE TO 9483;START RIGGING UP CIRCULATING EQUIPMENT AGAIN SO WE COULD START WASHING BACK DOWN TO CLEAN TOP OF LINER. RIG CIRCULATING EQUIPMENT BACK DOWN BECAUSE FEAR OF LOOSING QUICK CONNECT AND COLLAR OF BOTTOM OF STINGER. AND READY TO START LAYING DOWN DRILL PIPE.;START TO LAY DOWN DRILL PIPE AND STRING WAS STUCK. PULLED 80K OVER STRING WEIGHT AND THEN WENT TO 100K OVER STRING WEIGHT PIPE WOULD NOT MOVE UP OR DOWN.;WORK STUCK PIPE UP AND DOWN WITH 1500 PSI ON DRILL PIPE. PIPE WOULD NOT GIVE UP ANY;WAIT ON ORDERS / FING WIRE LINE TRUCK TO CHECK WHERE FREE PIPE IS AND CONTACT FISHERMAN. ON ROUTE TO LOCATION.;BRING PRESSURE BACK UP TO 1500 PSI AND START WORKING PIPE UP AND DOWN PULLING 50 K OVER AND SLACKING OFF 50 K UNDER STRING WEIGHT TRYING TO GET CEMENT TO BREAK UP.</p> | | | | | |
| | ACTIVITY PLANNED: | BACK OFF P.O.O.H. PICK UP JARS AND T.I.H. AND JAR LOOSE CEMENT | | | | | |

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| Sep 25 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBDT: | |
| | PRESENT OPERATIONS: | JARING ON STUCK PIPE | | | | |
| | WAITING ON WIRE LINE TRUCK;PJSM, RIG UP WIRE LINR TRUCK, RUNIN THE HOLE WITH FREE POINT, FIND FREE POINT AT 7,422, PULL OUT OF THE HOLE WITH WIRE LINE PICK UP BACK OFF TOOLS RUN IN THE HOLE AND BACK OFF AT 7,422.;TRIP OUT OF THE HOLE, PREPARE TO PICK UP FISHING TOOLS;PJSM,PICK UP SCREW IN SUB, JARS & SIX D/C.;TRIP IN THE HOLE WITH FISHING TOOLS;TOP DRIVE INSPECTION BEFORE JARING;CONTINUE TO TRIP IN THE HOLE.;FISHING JARING ON STUCK PIPE | | | | | |
| | ACTIVITY PLANNED: | CONTINUE TO JAR ON STUCK PIPE | | | | |
| Sep 26 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBDT: | |
| | PRESENT OPERATIONS: | L/D DRILL PIPE TO THE RACKS | | | | |
| | JARRING STUCK PIPE, TDS INSPECTION EVERY HOUR, WE TRYED TO PUMP THROUGH FISH AND ROT SEVERAL TIMES.:R/U & RUN FREE POINT, FOUND FREE POINT AT 7,518, PULL OUT OF THE HOLE PICK UP BACK OFF TOOLS RUN IN THE HOLE AND BACK OFF AT 7,518,PULL WIRE LINE OUT OF THE HOLE AND RIG DOWN WIRE LINE TRUCK;L/D DRILL PIPE TO THE RACKS. | | | | | |
| | ACTIVITY PLANNED: | LAY DOWN DRILL STRING, NIPPLE DOWN, INSTALL TUBING HEAD, | | | | |
| Sep 27 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBDT: | |
| | PRESENT OPERATIONS: | NIPPLE DOWN B.O.P. | | | | |
| | CONTINUE TO L/D DRILL PIPE AND FISHING BHA TO RACKS;TRIP IN THE HOLE WITH D/P FROM THE DERRICK;L/D D/P TO THE RACKS;NIPPLE DOWN B.O.P. & PREPARE TO INSTALL TUBING HEAD. & TEST | | | | | |
| | ACTIVITY PLANNED: | INSTALL TUBING HEAD & PREPARE TO RIG DOWN | | | | |
| Sep 28 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBDT: | |
| | PRESENT OPERATIONS: | CONTINUE TO RIG DOWN AND PREPARE TO MOVE | | | | |
| | CONTINUE TO NIPPLE DOWN INSTALL TUBING HEAD AND TEST TO 2,500 | | | | | |
| | RIG RELEASED AT 10:00 AM ON THE 9/27/14;RIG DOWN, REMOVE VIBRATING HOSE PREPARE TANKS FOR MOVE REMOVE KILL LINE, FLARE LINE FROM CHOKE, LAY DOWN GAS BUSTER, RIG DOWN PIPE WRANGLER, RIG DOWN VACUME CLEANER & DIESEL PSI WASHER WE ARE ABOUT 50% RIGGED DOWN | | | | | |
| | ACTIVITY PLANNED: | RIG DOWN FOR MOVE ON 9/29/14 | | | | |
| Sep 29 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBDT: | |
| | PRESENT OPERATIONS: | RIGGING DOWN PREPAIRING FOR RIG MOVE | | | | |
| | CONTINUE TO RIG DOWN, LOWER DERRICK, LOWER DOG HOUSE, HAULED OFF DRILL PIPE,RIG DOWN BACK YARD, ROLL UP ELECTRICAL LINES, 80% RIGGED DOWN | | | | | |
| | ACTIVITY PLANNED: | CONTINUE RIGGING DOWN AND MOVE RIG | | | | |
| Sep 30 2014 | MD: 16,100 | TVD: 11,067 | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | MICHAEL BRANNON | | | PBDT: | |
| | PRESENT OPERATIONS: | MOVING HOUSING | | | | |
| | CONTINUE TO RIG DOWN AND MOVE RIG 100% RIGGED DOWN 100% OF RIG MOVED | | | | | |
| | ACTIVITY PLANNED: | MOVE HOUSING & C/M HOUSE TO RIG 216 | | | | |
| Oct 2 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrrens | | | PBDT: | |
| | PRESENT OPERATIONS: | Well SI | | | | |
| | Clean Location, set anchors by Butch's Rathole | | | | | |
| | ACTIVITY PLANNED: | TIH with 2 7/8 DP, screw into fish and run CBL | | | | |
| Oct 3 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrrens | | | PBDT: | |
| | PRESENT OPERATIONS: | | | | | |
| | MIRU PU, NU BOP, Set Pipe Racks, Catwalk, Reverse pump and pit | | | | | |
| Oct 4 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrrens | | | PBDT: | |
| | PRESENT OPERATIONS: | | | | | |
| | PU 2 7/8 DP off rack, TIH to 7802' and tag up 16' high RU pump and swivel, break circulation and circulate out dehydrated mud, circ. 2 hrs. Screw into fish. RU Cased Hole Solutions and slim hole CBL tool. Work to get tool to fall hole full of 9.1 mud, had to SD a couple of hours to run in and get several sinker bars. Begin TIH again tools falling better but at 2200' tool started slowing down and reading like we had cemented work string, but was reading dehydrated and high vis mud as cement. TOOH with tools and SWIFN. | | | | | |

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| Oct 5 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBSD: | |
| | PRESENT OPERATIONS: | Well SI for WKND-Washpipe threads incorrectly machined and have to be redone | | | | |
| | Open well up, Back off at 7502' (screw in sub), PU, RU and circulate hole with clean BW until all old dehydrated was pumped to pit. | | | | | |
| | Screw back into fish ,RU wire line and TH with slim hole CBL logging tools. | | | | | |
| | Entered fish at 7502' and log down to 8850'- could not get down to TD of 9583' due to fill (733' inside of fish (probably old mud that fell into it while laying down DP) | | | | | |
| | Tool indicated at least 90% bond of cement from 7600' to 8850' 1 | | | | | |
| | TOOH with tools and RD wire line. Back off and TOOH with work string and SDFWKnd | | | | | |
| | Shut Down because machine shop that cut thread on wash pipe miscut them due to bad gauges. Having new gauges brought in and will recut over the wknd. Will start again Monday | | | | | |
| Oct 6 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBSD: | |
| | PRESENT OPERATIONS: | SDFWKND | | | | |
| | We;; SI for Wknd- WO washpipe to get ready | | | | | |
| Oct 8 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBSD: | |
| | PRESENT OPERATIONS: | Well SI | | | | |
| | Open well up, unload, rack and tally wash pipe. PUMU mill shoe and wash pipe, TIH and tag top of fish. RU reverse unit, swivel, etc and SDFN. Will begin wash over operations in the AM | | | | | |
| | ACTIVITY PLANNED: | Start washing ove DP | | | | |
| Oct 9 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBSD: | |
| | PRESENT OPERATIONS: | Well SI for Night | | | | |
| | Open well up, establish circulation and ease down over fish and immediately start milling and washing over tool joint. In 87 hrs made 2', TOOH to look at shoe, shoe OK, just not aggressive enough to skin tool joint on DP and not able to run enough weight. Will PU more aggressive mill shoe, 2 more jts of wash pipe and 4 more DC's . | | | | | |
| | ACTIVITY PLANNED: | TIH with new shoe, PU 2 more jts wash pipe and 4 DC's then continue washover operations | | | | |
| Oct 10 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBSD: | |
| | PRESENT OPERATIONS: | SD fo Night | | | | |
| | Open well up, PU MU New shoe, PU 4 jts wash pipe, 5 more DC's and TIH. Tag fish at 7504' , break circulation and continue milling at 5:30 pm, finish cutting over tool jt at 7:00 pm, wash down to next tool jt at 7534', PU, circulate hole clean, PU off fish, secure well and SDFN | | | | | |
| | ACTIVITY PLANNED: | Continue Milling over DP Operations | | | | |
| Oct 11 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBSD: | |
| | PRESENT OPERATIONS: | Well SI for night | | | | |
| | Crew late to location due to mandatory safety meeting. | | | | | |
| | Open well up, break circulation and start milling operation at 9:30 AM. Made 1.5' in 1st hr of milling over tool jt at 7532' then only made 3.5 ft in 8hrs to 7536.5' Circulate hole clean and pick up off fish and Shut down for night to let mechanics work on brakes. | | | | | |
| | ACTIVITY PLANNED: | TOOH- check staus of mill | | | | |
| Oct 12 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBSD: | |
| | PRESENT OPERATIONS: | | | | | |
| | 0700 PU Swivel - Circulate Bottoms up | | | | | |
| | 0800 Tag at 7536' rotate and got over fish and Tool jt | | | | | |
| | 8:45 AM Wash down with no wt to 7562'- made about 2" in 45 mins | | | | | |
| | 9:30 Swivel broke down PU to 7543 and continue circ. | | | | | |
| | 11:00 Swivel repaired-clean reverse unit pit and change out to FW | | | | | |
| | 12:00 RU Foam Air Unit | | | | | |
| | 1:30 Start pumping foam to get returns and unload hole | | | | | |
| | 2:30 Getting good returns to pit | | | | | |
| | 3:00 PM-Wire rope showed up to restrig blocks and | | | | | |
| | 4:00 RU and circulate hole while rigging up- air pressure reached 2400# and started unloading fluid. | | | | | |
| | 4:45 Pumping foam air hole unloading then foam unit went down | | | | | |
| | 5:15 W/O mechanic- repair swivel | | | | | |
| | 7:00 Swivel repaired-Foam Air unit repaired - PU and secure well - SDFN | | | | | |

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| Oct 13 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Well SI overnight | | | | |
| | 0700- Depth 7543-wash down to 7563' with air/foam mill and work on TJ at 7563', made 0.5' in 5 hrs. shoe acting like it is severely worn. blow well down and TOO, shoe severely worn on bottom and up into tool approx. 3" SDFN | | | | | |
| | ACTIVITY PLANNED: | MU new 4.75" ID shoe and TIH to start wash over operations again | | | | |
| Oct 14 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Well SIFN | | | | |
| | Open well up, PUMU new Diamond encrusted shoe and TIH - took 8 hrs to trip in hole and PU swivel. Break circulation with /air foam-1 hr and start washing over at 7537' .Wash down to 7567' (30') in 5.5 hrs. Circ hole clean PU to 7535' and SDFN at 11.34 pm | | | | | |
| | ACTIVITY PLANNED: | Continue washing over DP | | | | |
| Oct 15 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Well SI FN | | | | |
| | Open well up, break circulation with foam/air work down to 7567' and start wash over operations. Shoe not cutting cement due to the round industrial diamonds on the bottom part of the shoe. Made about 2' in 9 hrs- TD now 7569' Discuss alternatives and come up with a "hybrid mill"shoe that will incorporate PDC cutters on the bottom edge along with the diamonds. The cutters should allow good cement cutting. | | | | | |
| | PU off bottom and SDFN. | | | | | |
| | ACTIVITY PLANNED: | TOOH, Change washover shoe | | | | |
| Oct 16 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Well SIFN | | | | |
| | Open well up and TOO with work string. Mil shoe completely worn out and bottom of shoe spread out like it had been trying to go over tool joint that had not been milled over- SDFN. WO new shoe to arrive on location. | | | | | |
| | ACTIVITY PLANNED: | PUMU new hybrid mill shoe with diamonds and pdc cutters , TIH and continue washover operations. | | | | |
| Oct 17 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | | | | | |
| | MU up new hybrid shoe and TIH (took 8 hrs), load hole with FW and break circulation ease down over top of fish at 7502' to 7564 and tag up, wash 2' easy and then tag up, start washing and work over string torqued up, try to Pu but hung up, set jars off and pull up ,took 45K over string weight to pull free. Circulate and try again with same results, Fish acts like it has parted or is loose. We have not had this issue before. TOO and SDFN. Will PU screw in sub, TIH, screw in and see if we can tell what is happening. Bit came out all scarred up on ID with no diamonds left on the bottom inside part of shoe. | | | | | |
| | ACTIVITY PLANNED: | TIH with Screw-in sub, jars, bumper sub and see if DP is parted or loose. Willstart running 24 hrs tomorrow night. | | | | |
| Oct 18 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | TIH with Screw-in sub, jars, bumper sub and see if DP is parted or loose. Willstart running 24 hrs tomorrow night. | | | | |
| | AOL 10:00 AM PU SCREW IN SUB, BUMPER SUB, OIL JAR, 15 DRILL COLLARS, 4 3/4, TIH TAG 7502' SCREW IN FISH 5:00 PM WAIT ON WIRELINE 5:00 pm WIRELINE ARRIVED RU FREE POINT CCL RIH 7602 FT FREE 100%, 7635 FT STUCK, BACKOFF AT 7590 FT 9:00 PM PU 400 GRAIN SHOT W/ CCL RIH TO 7591 FT TURN 4 ROUNDS TO LEFT FIRE SHOT GOT 4 ROUNDS BACK POOH RELOAD STRING SHOT 10:00 PM TORQUE STRING UP 8 ROUNDS RIGHT, RIH SHOT TO 7590 FT, PULL 5K OVER, 6 RND LEFT FIRE SHOT BACKED OFF 7250 FT POOH 12:00 AM COME DOWN SCREW BACK IN AT 7250 FT 4 RDS TORQUE 6 RND RELOAD SHOT 600 GRAINS | | | | | |
| | ACTIVITY PLANNED: | Continue fishing operations | | | | |
| Oct 19 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | CONTINUING FISHING AND BACKOFF OPERATIONS | | | | |
| | 4:00 AM TOH LAY DOWN 2 JNTS 4" FH FISH / TIH SAME BHA SCREW IN ASSYMBLY;11:00 AM TAG 7560' SCREW IN TORQUE UP 14 1/2 RND 2200 PSI START JARRING 42K OVER STRING WT.;3:00 PM MADE 6 INCHES INCREASED TO 52K OVER CONTINUE JARRING;7:00 PM RU WIRE LINE RIH FREE POINT 7637 FT 5 % FREE, 7620 60% FREE, 7590 FT 100% FREE;9:00 PM LOAD 600 GRAIN SHOT RIH 7620 FT PU 20K OVER 8 RND LEFT SHOT DIDN'T FIRE;11:00 PM RELOAD 600 GRAIN SHOT RIH 7620 FT PU 20K OVER 8 RND LEFT FIRE SHOT No Backoff POOH | | | | | |
| | ACTIVITY PLANNED: | CONTINUING FISHING AND BACKOFF OPERATIONS | | | | |

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| Oct 20 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | CONTINUING FISHING AND BACKOFF OPERATIONS | | | | |
| | 12:00 AM NO BACKOFF POOH RELOAD SHOT;1:00 AM RIH TO 7620 FT PU DP 20K OVER 10 RNDS LEFT FIRE SHOT NO TORQUE PU DP 4 FT LOG CCL BACKED OFF 7560 FT AT SCREW IN SUB;3:00 AM TONGS BROKEN WATING ON PARTS;5:00 AM SCREW BACK IN AT SCREW IN SUB RIH WITH SHOT TO 7590 FT WT. 20K OVER 10 RNDS LEFT FIRE SHOT 10 RNDS BACK;6:30 AM RIH SHOT 7590 FT 10 RNDS LEFT BACKED OFF TOP OF BUMPER SUB POOH;7:00 AM SCREW BACK IN TOP OF BUMPER SUB 7554 FT TORQUE STRING;9:00 AM RIH SHOT 7560 FT 8 RNDS LEFT 15K OVER STRNG WT 8 RNDS BACK WAIT ON CAPS FOR EXPLOSIVES;11:00 AM LOAD SHOT 400 GRAINS RIH 7561 FT 10 ROUNDS ON FLY BACKOFF TOP OF SCREW IN;1:00 PM TOH WITH DRILL STRING;9:00 PM LAY DOWN 3 JNTS WASHPIPE OUT OF DERRICK;11:00 PM PU DIAMOND SHOE / 3 JNTS WASHPIPE 10 DRILL COLLARS TIH | | | | | |
| | ACTIVITY PLANNED: | CONTINUING FISHING AND BACKOFF OPERATIONS | | | | |
| Oct 21 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | Reset rig after repairing location . POOH after milling over fish from 7559' to 7566' in 13 hrs | | | | |
| | 8:00 AM TIH 7529 FT SECURE WELL RIG DOWN LUCKY FOR DIRT WORK UNDER RIG MAT 1:30 PM RIGGED UP TIH TAG TOF 7558' RIG UP SWIVEL 4:00 PM START WASHING 120 RPM 1K 7559 FT TO 10:00 PM DEPTH 7562 FT SHOULD BE OVER SCREW IN SUB STILL MAKING HOLE METAL ON MAGNETS. 12:00 AM DEPTH 7564 FT CATCHING SMALL METAL FRAGMENTS ON MAGNETS. 5:00 Quit making hole start POOH to inspect shoe. | | | | | |
| | ACTIVITY PLANNED: | Inspect shoe and pick up new shoe to continue washing over fish. | | | | |
| Oct 22 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | RIH w/4 3/4" carbide shoe. tag top of screw in sub at 7558'. Cut over sub and tool jts to 7592' recovering metal cuttings. | | | | |
| | 1:00am depth 7566' metal flakes on magnet. 2:00am 7566' metal flakes on magnet 3:00am 7566' 4:00am 7566' 5:00am rig dn power swivel TOH 1:00pm out of hole extensive wear on shoe 2:00pm pick up shoe 4 3/4" ID 6" OD, oil jars, 3 jts wash pipe, 10 drill collars & TIH. 9:00pm tag7558' RU swivel 10:00pm circ 70 RPM, WOB 2K wash 7558' 11:00pm 7562' good metal returns 12:00pm 7565' metal returns 5:00 am 7592' good metal returns | | | | | |
| | ACTIVITY PLANNED: | Continue wash over of tool jts. | | | | |
| Oct 23 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | Milling & washing over tool jts from 7565' to 7627.5' until shoe worn out. POOH. | | | | |
| | ACTIVITY PLANNED: | Pick up & RIH w/ 4 3/4" carbide ID & 6" OD shoe & continue milling operations. | | | | |
| Oct 24 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | TOOH to make back off 7691 | | | | |
| | TOOH w/mill, change shoes , TIH to 7594', wash to 7627' and mill off tool joint, wash and ream to tool joint at 7658', mill off tool joint and wash down to 7691 where wash pipe bottomed out. Cicutate and TOOH to make backoff at 7691'. Made 131' of progress last 24 hrs. | | | | | |
| | ACTIVITY PLANNED: | Work to back off at 7691' | | | | |
| Oct 25 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | TOOH with 2 7/8" Work string and overshot with 4 5/8" grapple | | | | |
| | 0600-10:00 Finish TOOH with Wash pipe and shoe- Shoe worn but probably good for 2-3 more joints. 11:00-18:00 PU screw in sub and TIH, screw into fish at 7558' with 15 rds in and 15 out 19:00 -20:00 RU Craft Wireline TIH and free point fish found fish free at 7658' 20:00-0:200 Work to back off fish- ran 800 grain shot and backed off at screw in sub- tighten sub- run 1000 grain shot and backed off screw in sub again. screw back in and torque up, left fish in neutral and shot 600 grain shot- backed off screw in sub again. 0:200-0:600 TOOH with work string - will run 2 7/8" chemical cutter | | | | | |
| | ACTIVITY PLANNED: | Change grapple from 4 5/8" to 4 3/4" TIHand latch onto fish | | | | |

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| Oct 26 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | TOOH with 2 7/8" Work string and overshot with 4 5/8" grapple | | | | |
| | 0:600-0800- Tongs broke WO parts and repair tongs (2nd set) | | | | | |
| | 0:800-10:00 TOOH- tongs broke again | | | | | |
| | 10:00- 14:00 WO heavier set of tongs from Western Repair, install and instruct crew in their usage | | | | | |
| | 14:00-16:00 Finish TOOH and LD screw in sub | | | | | |
| | 16:00-1800 RU wire line and TIH with 2 7/8" chemical cutter would not go, set down at 7560' TOOH and RD wire line | | | | | |
| | 18:00-0:300 PU MU 5 3/4" overshot with 4 5/8" grapple, TIH and tag fish at 7560' | | | | | |
| | 0:300-0:400 Work to engage fish- could not feel it engage. RU wire line and TIH with 10' rod CCL . rod went into fish but CCL set down at 7560'-no latch in with overshot- top of fish seems to be cocked over- work to get over fish and could not. TOOH with wire line and RD. Looks like box is swelled out from previous back off which helps explain why screw in sub kept backing out. | | | | | |
| | 0:400-0:600 Start TOOH with work string to change grapple to 4 3/4" and add cutrite to guide shoe and dress it to 4 3/4" | | | | | |
| | ACTIVITY PLANNED: | Change grapple to 4 3/4" in overshot, add cutrite to guide shoe and dress to 4 3/4" | | | | |

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| Oct 27 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | TOOH | | | | |
| | 0:600-11:00-TOOH - No Fish Cut Lip guide severely damaged | | | | | |
| | 11:00-12:30-PU New Cut Lip Guide- ID dressed to 4 3/4" with Kut Rite | | | | | |
| | 12:30-19:00 TIH, PU Swivel, Rotate Down and latch onto fish | | | | | |
| | 19:00-20:00 RU Wire line and load 1000 grain shot TIH to 7560' String shot would not go into fish- TOOH | | | | | |
| | 20:00-21:00 RD Swivel while WO Wire line jars weight bars | | | | | |
| | 21:00-22:00 PU Chisel weight bar, jars and TIH to 7700' with no problems-TOOH | | | | | |
| | 22:00- 23:00 PU string Shot and TIH to 7700' and PU to 7654- Work Left hand torque into string- had to pull 30K over for grapple to hold torque (slipping on tool joint)- shot fired-TOOH | | | | | |
| | 23:00-24:00 TOOH and RD wire line | | | | | |
| | 24:00-0:600 TOOH- NO Fish- Backed off at fine threads on Overshot- Left Bowl with Spiral Grapple and Cut Lip guide in fish | | | | | |
| | ACTIVITY PLANNED: | PU Concave Mill, Canfield bushing, TIH and Mill up parts of overshot left in hole and tool joint at 7560' | | | | |

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| Oct 28 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Laying Down 2 7/8" DP | | | | |
| | 0:600-0:800 Finish TOOH with work string- left Top Sub Bowl and guide with grapple on fish | | | | | |
| | 0:800-0:900 PU MU 6" shoe (one had previously run) 5 1/8" Concave Mill, inserted Canfield bushing, jars,10 - 4 3/4" DC's on 2 7/8" work string | | | | | |
| | 0:900-16:00 TIH | | | | | |
| | 16:00-0:500- PU swivel, break circ., engage fish and start milling at 7560'. Mill 6' to 7567' | | | | | |
| | 0:500-0:600 Circ. hole clean, LD Swivel and start LD of 2 7/8" work string | | | | | |
| | ACTIVITY PLANNED: | PU String of 3 1/2' DP and Baker Service Tools- Reversing Tool | | | | |

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| Oct 29 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Well SI- WO Reversing Tool | | | | |
| | 0:600-15:00 Rig Swivel-TOOH, laying down 2 7/8" work string- Mill shoe jagged and split, Concave Mill inside had good 4" pipe circle formed to the side.(Milled 7') | | | | | |
| | 1500-1600 Load out 2 7/8" work string and handling tools- | | | | | |
| | 1600-2300 Unload, rack, tally top layer of 3 1/2" work string and handling tools. Change out BOP and NU another BOP with 3 1/2" rams | | | | | |
| | 2300-0:600- SDFN - WO on reversing tool and tool hand to arrive on location | | | | | |
| | 1600- | | | | | |
| | ACTIVITY PLANNED: | PU Overshot,Baker Reversing Tool and 3 1/2' IFDP, TIH | | | | |
| Oct 30 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Continue TIH with Reversing Tool | | | | |
| | 0:600-0:700 Well SIFN | | | | | |
| | 0:700-0:930 Unload, measure, caliper and function test Baker reversing tool | | | | | |
| | 0:9300-11.00 PU MU Reversing tool and 3 1/2" IF DP | | | | | |
| | 11:00-23:30 Tongs broke-w/o service hand to repair- could not repair- w/o new set to be brought out, RU new tongs, stiff arm not working, w/o welder, work on stiff arm, not get it to work, w/o new stiff arm, install and it did not work, w/o 2nd new stiff arm, and it works | | | | | |
| | 23:30-0:600 TIH PU DP-Lack about 110 joints getting to top of fish | | | | | |
| | ACTIVITY PLANNED: | Engage fish at 7567', make back off and TOO H with fish | | | | |
| Oct 31 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Continue TIH with Reversing Tool | | | | |
| | 0:600-0:0800 TIH- PU up DP | | | | | |
| | 0:800-0:0900 Make up on tongs won't close- W/O mechanic- can't repair-Western Repair does not have another set (Broke 2 sets of theirs) | | | | | |
| | 0:0900-15:00 RD Tongs- W/O Butch's Casing crew to arrive on location- hang tongs- had wrong dyes | | | | | |
| | 15:00-16:00 W/O dyes | | | | | |
| | 16:00-18:30 Install dyes, PU MU 2 joints, tongs broke, 18:30-21:30 W/O new tongs- hang tongs | | | | | |
| | 21:30-23:00 Run 5 jts DP- having to use different dyes because of varying size OD of tool jts. | | | | | |
| | 23:00-0:300 W/O more dyes- still not able to MU pipe | | | | | |
| | 0:300-0:400 RD Butches Casing Crew | | | | | |
| | 0:400-0:600 RU BJ tongs and TIH (These tongs barely make minimum torque for make up on 3 1/2" DP- as long as we do not to make any moves to the Left on surface we will be OK-looking for another set of tongs to have on location before we have to come out) | | | | | |
| | ACTIVITY PLANNED: | Continue TIH with Reversing Tool, engage fish , back off fish and TOO H | | | | |

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| Nov 1 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | TIH w/ washover mill, 4 jts washpipe and extension, Canfield bushing with concave mill | | | | |
| | | 0:600-0:900 Finish TIH to top of fish | | | | |
| | | 09:00-10:30 work over top of fish and engage fish with overshot- work to engage fish but had no indication that we had- went through motions that we had fish and engaged reversing tool. Still no good indication that we had fish. | | | | |
| | | 10:30-18:00 TOO H-Caught fish | | | | |
| | | 18:00-19:00 W/O welder to cut fish- broke overshot but could not get it off fish | | | | |
| | | 19:00-21:30 LD fish- Recovered all 3 jts that we have trying to get for 3 weeks. | | | | |
| | | 21:30-0:100 PU 6: Rotary shoe, 4 jts, Wash pipe, 6' extension, Canfield bushing, 5 1/8" mill, oil jars and 10 4 3/4' DC's on 3 1/2" If DP | | | | |
| | | 01:00-06:00 TIH, checking every connection | | | | |
| | ACTIVITY PLANNED: | Wash/cut over 4jts and mill off 5' of top joint | | | | |
| Nov 2 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | TOOH to change mill shoes | | | | |
| | | 06:00-14:00- TIH torqueing every connection to 11500 ft/lbs | | | | |
| | | 14:00-15:00 PU MU swivel and break circ. | | | | |
| | | 15:00-0:400 Wash and mill over 3 tool joints to 7761' - quit making hole | | | | |
| | | 04:00-0:600 TOO H for mill shoe- still need to mill over 4th tool jt and 5' off top of fish before making run with reversing tool. | | | | |
| | ACTIVITY PLANNED: | TIH with new Mill shoe, finish cutting 3rd tool jt , 4th tool joint andmiil 5' off top of fish to good body of pipe | | | | |
| Nov 3 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | Dressing fish top at 7806' | | | | |
| | | 06:00-12:30 TOO H with work over string -change mill shoes | | | | |
| | | 12:30-17:30 TIH will new mill shoe- crew took a break-- derrick hand decided not to go back up in derrick with 63 stds left to run-told crew to go home | | | | |
| | | 17:30-19:00 W/O evening crew- finish TIH, RU swivel, work over fish and resume milling operation | | | | |
| | | 19:00-0:600 Mill/wash from 7758-7806'- tag top of fish and start dressing off 5' to get smooth top | | | | |
| | ACTIVITY PLANNED: | Dress off fish top to 7811'- TOO H to PU reversing tool | | | | |
| Nov 4 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | | PBTD: |
| | PRESENT OPERATIONS: | LD DC's- | | | | |
| | | 0:600-10:00 Mill top of fish from 7803-7810'-7'- mill quit making hole | | | | |
| | | 10:00-11:00 Circ hole clean, LD swivel | | | | |
| | | 11:00-18:00 TOO H, LD Wash pipe | | | | |
| | | 18:00-0:400 LD DC's- extremely tight- WO welder to heat up connections -welder ran out of oxygen- WO bottle- finish laying down DC's | | | | |
| | | 0:400-0:600 PU MU reversing tool and start TIH to back off at 7796' | | | | |
| | ACTIVITY PLANNED: | PU Baker Reversing Tool, TIH, back off at 7790', TOO H FD work string and fish | | | | |

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| Nov 5 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | TOOH- LD DP | | | | |
| | 0:600-15:00 Continue TIH with reversing tool - latch on fish and put in 13 rounds torque | | | | | |
| | 15:00-17:00 RU wire line, TIH with 3/4" CCL and 600 grain shot- TIH and tag up in top of fish- could not get inside fish, TOOH PU weight bars and CCL- TIH- could not get inside fish- TOOH and RD wire line. | | | | | |
| | 17:00-18:00 Work to back off fish- had as much as 24K ft/lb torque on fish connection and could not break a connection. Work to release overshot, broke grapple and pulled off fish. | | | | | |
| | 18:00-19:30- Mix up 360 bbls of packer fluid and displaced hole | | | | | |
| | 19:30-0:600 TOOH laying down work string. | | | | | |
| | ACTIVITY PLANNED: | LD Workstring and fishing tools, release all equipment, TA well | | | | |

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| Nov 6 2014 | MD: | TVD: | FOOTAGE: | MW: 9.1 | LB | PTD: 16,730 |
| | RIG SUPERVISOR: | Tom Carrens | | | PBTD: | |
| | PRESENT OPERATIONS: | Fishing Operations Shut Down- Well SI Pending Further Review | | | | |
| | 0:600-19.00 Finish LD DP and fishing tools, ND BOP, install well head cap, release all equipment, RD and release PU | | | | | |
| | ACTIVITY PLANNED: | None at this time | | | | |