

WELL: UL G 1-27 A #1H

Elevation Resources, LLC

DAILY OPERATIONS

FIELD: Mississippian
COUNTY/STATE: Andrews/TX
PMD:
PVD:
SURFACE LOCATION: 2640' FNL & 1435' FWL Sec 27 Blk 1 ULS
BOTTOM HOLE LOCATION: 2640' FSL & 660' FWL Sec 19 Blk 1 ULS
ELEVATION (RKB):
API #: 42-003-48088
PERMIT NUMBER: 853533
SPUD DATE & TIME: Jul 25 2019 16:00
DAYS FROM SPUD: 46
DAYS ON LOCATION: 45
WELL ENGINEER: Jason Kincaid
OBJECTIVE: Drill & complete a 2 mile lateral in the Mississippian horizon
JOB NAME: UL G 1-27 A #1H
CONTRACTOR/RIG#: /Tracend 2

CONFIDENTIAL

Jul 26 2019 MD: 1,070 TVD: 1,070 FOOTAGE: 1,070 MW: 0.0 LB PTD:
RIG SUPERVISOR: DAVID CROW PBTD:
PRESENT OPERATIONS: DRILLING 17.5" SURFACE HOLE @ 1070'
HOLD PJSM WITH RIG & TRUCKING CREWS.
**LOCATION & ROAD BUILT, PIT LINED, CONDUCTOR SET;MOVE IN & SPOT / RIG UP TRANSCEND RIG #2.;P/U. M/U, SCRIBE, ORIENTATE & SURFACE TEST BHA #1.;DRILL & SURVEY 17 1/2 HOLE FROM 80' TO 550', WOB=5-20K, STK'S=186, GPM=700, TD RPM=75, TDT=8000-10000, DPP=500-800.;RIG SERVICE;DRILL & SURVEY 17 1/2 HOLE FROM 550' TO 1070', WOB=5-20K, STK'S=186, GPM=700, TD RPM=75, TDT=8000-10000, DPP=500-800.
***SPUD THE ULG 1-27 A #1H AT 16:00 ON 07/25/19
ACTIVITY PLANNED: DRILL 17.5" SURFACE HOLE AHEAD TOWARDS TD

Jul 27 2019 MD: 1,565 TVD: 1,565 FOOTAGE: 495 MW: 0.0 LB PTD:
RIG SUPERVISOR: DAVID CROW PBTD:
PRESENT OPERATIONS: RUNNING 13.375" SURFACE CASING
PJSM W/ RIG CREW & TOOL PUSHER;DRILL & SURVEY 17 1/2 HOLE FROM 1070' TO 1260', WOB=10-15K, STK'S=64, GPM=450, TD RPM=75-100, TDT=1800-2000, DPP=450.;REPAIR MUD PUMP CLIPPER SEALS;DRILL & SURVEY 17 1/2 HOLE FROM 1260' TO TD @ 1565'. WOB=10-15K, STK'S=64, GPM=450, TD RPM=75-100, TDT=1800-2000, DPP=450.;PUMP HIGH VIS SWEEP & CIRCULATE HOLE CLEAN;RIG SERVICE;TRIP OUT OF HOLE TO RUN 13.375" SURFACE CASING;RIG UP TO RUN 13.375" SURFACE CASING. MAKE UP & TEST SHOE TRACK
ACTIVITY PLANNED: RUN & CEMENT 13.375" SURFACE CASING. SKID RIG TO 1-27 B #2H

Jul 28 2019 MD: 1,565 TVD: 1,565 FOOTAGE: MW: 0.0 LB PTD:
RIG SUPERVISOR: DAVID CROW PBTD:
PRESENT OPERATIONS: RIG RELEASED
RUN 37 JT'S OF 13 3/8, 54.5#, J-55, BTC SURFACE CASING, FLOAT SHOE AT=1565, FLOAT JOINT=42.07', FLOAT COLLAR AT=1522.93', 5 TOTAL BOW SPRING CENTRALIZERS RAN, CASING ON BOTTOM & CIRCULATING AT 10:30 ON 07/27/19.
**SILVER ZONE ON LOCATION AT 08:00 ON 07/27/19";CIRCULATE ON BOTTOM WHILE RIGGING UP SILVERZONE CEMENT CREW, HOLD PJSM WITH RIG & CEMENT CREW;PRESSURE TEST PUMP & SURFACE LINES TO 2000 PSI, PUMP 20 BBL'S OF FRESH WATER & DYE AHEAD, START & FINISH 1100 SKS OR 388 BBL'S OF 12.8#, 1.98 YIELD LEAD CEMENT, START & FINISH 400 SKS OR 114 BBL'S OF 13.9#, 1.60 YIELD TAIL CEMENT, SHUT DOWN & DROP PLUG, DISPLACE SAME WITH 233 BBL'S, BUMP PLUG WITH 650 PSI, WALK PRESSURE UP TO 1200 PSI, BLEED BACK 1 BBL, PLUG DOWN & HOLDING AT 13:30 ON 07/28/2019
**166BBL'S OF GOOD CEMENT RETURNS TO SURFACE;RIG OUT CEMENTERS;WOC. RIG DOWN & PREPARE FOR MOVE TO ULG 1-27 B 2H;CUT CASING. FINISH RIGGING DOWN FOR MOVE.
**TRANSCEND RIG #2 RELEASED TO ULG 1-33 B #2H @ 18:00 ON 07/27/19
ACTIVITY PLANNED: DRILLING ON ULG 1-27 B 2H

WELL: UL G 1-27 A #1H

Aug 2 2019	MD:	TVD:	FOOTAGE:	MW: 0.0	LB	PTD:
	RIG SUPERVISOR:	DAVID CROW				PBTD:
	PRESENT OPERATIONS:	WAIT ON PRECISION 600				
	CUT OFF CONDUCTOR, WELD ON & TEST 13 3/8 5K GE CSG HEAD, CSG HEAD SET AT GROUND LEVEL, TEST WELD / SEAL TO 1000 PSI FOR 10 MIN "TEST GOOD" INSTALL NIGHT CAP, ALL VALVES CLOSED.					
	BACKFILL CELLAR WITH 12 YARDS OF READY MIX.					
	ACTIVITY PLANNED:	BEGIN MOVING HOUSING & OUTSIDE LOADS FROM ULG 1-33 TO ULG 1-27				
Aug 18 2019	MD: 1,565	TVD: 1,565	FOOTAGE:	MW: 9.2	LB	PTD:
	RIG SUPERVISOR:	KENNETH STEPHENSON / SCOTT OGLE				PBTD:
	PRESENT OPERATIONS:	TIH WITH 12.25 INTERMEDIATE BHA @ 574'. PICKING UP 6.5" DC'S				
	WALK RIG F/ U L G 1-27 B #2H TO U L G 1-27 A 1H;RIGGING UP , PIPECAT , GERNOIMO LINE, STANDPIPE, DRAWWORKS , STAIRS AND KOOMEY LINES;RAISE AND STAB BOP ON WELLHEAD, TORQUE SAME , INSTALL TURNBUCKLES, REMOVE BOP WRANGLER , INSTALL KILLINE, CHOKELINE,FUNCTION TESTED BOPS ,;INSTALL MOUSEHOLE AND PICKUP JOINT OF PIPE FOR TEST PLUG/ MAKE UP AND SET PLUG, RIG UP TESTER , PRESSURE TEST CHOKE MANIFOLD, RAMS, SAFETY VALVES, WING VALVES, MUD LINES, CHOKE AND KILL LINES TO 250/5000 PSI, PRESSURE TEST ANNULAR TO 250/3500 PSI, ALL TESTS GOOD;TROUBLESHOOT TOB DRIVE ELECTRICAL NOT WORKING. CALL OUT ELECTRICIAN. SET UP PIPE RACKS, LAY OUT, STRAP AND TALLY BHA. INSTALL CELLAR COVERS AND CATCH CAN TARP. LOAD ALL SUBS AND CROSS OVERS FOR BHA ON CAT WALK.					
	**ELECTRICIAN FOUND A BAD RELAY IN VFD HOUSE FOR TOP DRIVE **;SLIP AND CUT 13 WRAPS 105' DRILL LINE. CALIBRATE BLOCK POSITION AND TEST CROWN/FLOOR SAVERS.;PICK UP INTERMEDIATE BHA. P/U & M/U MOTOR 8" 7/8L, 5.9STG 1.75FXD W/ 11.5STB, NM DC AND 11.75 STABILIZER. SCRIBE MOTOR AND UBHO. P/U MWD TOOL, LOAD AND TEST @ 350GPS 300PSI. M/U TAUREX TXD716 AND RIH. CONTINUE P/U BHA, NMDC, 11.75 STABILIZER, (3) 8" DC, (12) 6.5 DC AND X/O'S T/574'					
	ACTIVITY PLANNED:	TIH, DRILL OUT CEMENT AND SHOE TRACK. DRILL 12.25 INTERMEDIATE HOLE SECTION				
Aug 19 2019	MD: 3,617	TVD: 3,595	FOOTAGE: 2,052	MW: 9.2	LB	PTD:
	RIG SUPERVISOR:	KENNETH STEPHENSON / SCOTT OGLE				PBTD:
	PRESENT OPERATIONS:	DRILLING 12.25 INTERMEDIATE @ 3,617'				
	TIH W/DRILL PIPE F/ 574' - T/ 1522' TAG FLOAT COLLAR;SHUT IN AND TEST CASING 1000PSI 10MIN (GOOD TEST);DRILL OUT FLOAT COLLAR, SHOE JNT CMT AND FLOAT SHOE F/ 1522' T/ 1580'. WHILE DISPLACING HOLE TO 9.2PPG OBM (420GPM, 1000SPP, 30RPM, 3000TQ);DRILL 12.25" INT. SECTION FROM 1580' to 1680'. 450 GPM. 30 ROT. 15-30K WOB. 200-300 PSI DIFF PRESSURE. 1200 SPP (FT-100' 1.0 HR, 78 FT/HR) REDUCED PARAMETERS UNTIL 8 INCH AND STABILIZERS OUT OF SURFACE;DRILL 12.25" INT. SECTION FROM 1680' to 3437'. 650 GPM. 70 ROT. 30-35K WOB. 600-900 PSI DIFF PRESSURE. 2500 SPP (FT-1757' 17.5 HR, 100 FT/HR);RIG SERVICE;DRILL 12.25" INT. SECTION FROM 3437' to 3617'. 640 GPM. 60 ROT. 30-35K WOB. 600-900 PSI DIFF PRESSURE. 2500 SPP (FT-180' 1.5 HR, 120 FT/HR)					
	(DAILY SLIDING HR'S & FTG = 188' - 4 HRS @ 47 FPH) (DAILY ROTATING HR'S & FTG = 1864' - 19 HRS @ 98 FPH)					
	ACTIVITY PLANNED:	DRILL 12.25 INTERMEDIATE				
Aug 20 2019	MD: 4,900	TVD: 4,863	FOOTAGE: 1,283	MW: 9.2	LB	PTD:
	RIG SUPERVISOR:	KENNETH STEPHENSON / SCOTT OGLE				PBTD:
	PRESENT OPERATIONS:	DRILLING 12.25 INTERMEDIATE @ 4,900'				
	DRILL 12.25" INT. SECTION FROM 3617' to 4243'. 640 GPM. 60 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 2900 SPP (FT-626' 9 HR, 69.5 FT/HR) PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;RIG SERVICE, TOPDRIVE, TRACK, BLOCKS, SWIVEL PACKING, VISUALLY INSPECT TOP DRIVE AND BLOCKS FOR DROP HAZARDS , CHECKED GEAR AND HYD OIL IN TOPDRIVE;DRILL 12.25" INT. SECTION FROM 4243' to 4511'. 640 GPM. 60 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 2900 SPP (FT-268' 5.5 HR, 48 FT/HR) PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;ATEMPT TO MAKE CONNECTION. WORK STUCK PIPE AND FREE DRILL STRING W/ RIGHT HAND TORQUE, STAGE UP PUMPS AND RPM TO DRILLING RATE 640 GPMS AND ROTATION 70 RPMS. BACK REAM ONE STAND. (FULL RETURNS DURING WORKING STUCK DRILL STRING, NO MUD LOSSES);CIRCULATE 2 BOTTOMS UP, AND MONITOR SHAKERS UNTIL HOLE CLEAN. RECIPROCATATE DRILL STRING 90'. 640 GPMS, 70 RPM 2100 SPP.;DRILL 12.25" INT. SECTION FROM 4511' TO 4781'. 640 GPM. 60 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 2900 SPP (FT-270' 5.5 HR, 50 FT/HR) PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;RIG SERVICE;DRILL 12.25" INT. SECTION FROM 4781' TO 4900'. 640 GPM. 60 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 2900 SPP (FT-119' 1.5 HR, 79 FT/HR) PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION					
	(DAILY SLIDING HR'S & FTG = 103' - 5 HRS @ 20 FPH) (DAILY ROTATING HR'S & FTG = 1180' - 16.5 HRS @ 72 FPH)					
	ACTIVITY PLANNED:	DRILL 12.25 INTERMEDIATE				

WELL: UL G 1-27 A #1H

Aug 21 2019 MD: 5,330 TVD: 5,286 FOOTAGE: 430 MW: 9.2 LB PTD:
RIG SUPERVISOR: KENNETH STEPHENSON / SCOTT OGLE PBTD:
PRESENT OPERATIONS: PUMP AND BULL HEAD HEAD KILL MUD IN ANNULUS
DRILL 12.25" INT. SECTION FROM 4900' TO 5300'. 640 GPM. 50 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 2900 SPP (FT-400' 8 HR, 50 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION.;RIG SERVICE , SERVICE TOPDRIVE , CHANGE LOW TORQ VALVE ON STAND PIPE.;DRILL 12.25" INT. SECTION FROM 5300' TO 5330'. 640 GPM. 50 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 2900 SPP (FT-119' 1.5 HR, 79 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION.
MOTOR STALLED AND PRESSURED UP TO DIFF OFF BOTTOM WAS SAME AS ON BOTTOM

(DAILY SLIDING HR'S & FTG = 00' - 0 HRS @ 00 FPH)
(DAILY ROTATING HR'S & FTG = 430' - 8.5 HRS @ 50.5 FPH);TRIP OUT OF THE HOLE FOR MOTOR FROM 5330' TO 4600' HOLE TAKING PROPER FILL , NO EXCESS DRAG
MOTOR STALLED AND PRESSURED UP.;WASH AND REAM FROM 4600' TO 4500', 400 GPMS-50 RPMS, 1500 PSI , WORKING TIGHT HOLE;TRIP OUT OF THE HOLE FROM 4600' TO 4200' ,HOLE NOT TAKING PROPER FILL , NO EXCESS DRAG;FLOW CHECK WELL WAS FLOWING 1 BBL A MIN, SHUT ANNULAR DUE TO ROTATE HEAD LEAKING , WORKING PIPE WHILE BUILD AND SPOT 13.2 PPG MUDCAP
MONITOR 100 PSI ON THE BACKSIDE;PUMP AND SPOT #13PPG 50BBL MUD CAP @ 4000'. 370 GPMS 1000 SPP;TOH F/ 4200' TO 3675, WORKING THROUGH TIGHT SPOTS WITH ROTATION. PULLED TIGHT;CIRCULATE BOTTOMS UP AND MONITOR SHAKERS. (NO EXCESSIVE CUTTINGS)
FLOW CHECK. WELL FLOWING 1BBL A MIN.;ATTEMPT TO TOH ON CLOSED ORBIT VALVE AND FILL CALCULATED FILL ON KILL LINE. ROTATING HEAD LEAKING. SHUT IN WELL ON ANNULAR, MONITOR CSG PSI AND CHANGE OUT ROTATING HEAD.;TOH AND WORK THROUGH TIGHT SPOTS WITH ROTARY. F/ 3675' TO 1640' . MAX DRAG 70K, MAX OVER-PULL 100K. FILL CALCULATED FILL THROUGH KILL LINE.
FLOW CHECK. WELL FLOWING (< 1BBL/MIN);PUMP AND SPOT #15PPG 50BBL MUD CAP AT 1640'.
FLOW CHECK. NO FLOW.;TOH F/ 1640' TO 750'. NO DRAG. HOLE TAKING PROPER FILL.;PULL ROTATING HEAD AND ONE STAND T/ 650' . WELL STARTED FLOWING WHILE PULLING ROTATING HEAD. > 1BBL MIN.;INSTALL ROTATING HEAD. CLOSE ORBIT VALVE. LINE UP ON CHOKE TO MONITOR ANNULUS PSI.;TIH F/ 650' TO 1570'. WITH CLOSED ORBIT VALVE AND MONITOR CHOKE PSI. BLEED OFF CALCULATED FILL VLM THROUGH ORBIT VALVE WHILE TIH.
FILE PIPE;SHUT IN WELL ON ORBIT VALVE AND CHOKE. BUILD #17PPG KILL MUD TO BULL HEAD. MONITOR ANNULUS PSI WHILE BUILDING KILL MUD. ANNULUS PSI 100PSI;PUMP 90BBL #15PPG KILL MUD. BULL HEAD IN ANNULUS TO KILL WATER FLOW
ACTIVITY PLANNED: BULL HEAD WATER FLOW AT CASING SHOE WITH KILL MUD, TOH, L/D BHA AND P/U NEW MOTOR AND BIT

Aug 22 2019 MD: 5,676 TVD: 5,630 FOOTAGE: 346 MW: 9.2 LB PTD:
RIG SUPERVISOR: JASON BROWN / SCOTT OGLE PBTD:
PRESENT OPERATIONS: DRILLING 12.25 INTERMEDIATE HOLE SECTION @ 5,676'
BULL HEAD IN 90 BBLS #15PPG MUD CAP TO 1700'. 30-80 SPM, 500 ANNULUS PSI, 800 SPP. SHUT DOWN, ANNULUS PSI HOLDING AT 200PSI. BLEED BACK 115BBLS TO 0 PSI.;TRIP OUT OF HOLE FROM 1600' TO BHA. NO EXCESS DRAG;RACK BACK 8" AND 6.5" DRILL COLLARS. L/D MONELS, 11.75 STB, MWD TOOL, MOTOR AND TAUREX TXD 716 BIT (1-1-CT-S-I-X-NO-DTF);CLEAN RIG FLOOR AND PREP NEW BHA;P/U NEW BUTCHES 8" 7/8 4.0 1.75 FXD W/ 11 .75 STB, MONELS AND MWD TOOL. SHALLOW TEST MWD AND MOTOR 300GPMS, 300 SPP. M/U RR TAUREX TXD 716 BIT. TIH W/ 8" AND 6.5" DC'S AND 11.75 STABILIZERS T/ 573';TRIP IN HOLE FROM 573' TO 1850' NO ISSUES. HOLE DISPLACING PROPER FLUID;WASH AND REAM F/ 1800' TO 4200' DUE TO RATTY FORMATION, SALT STRINGERS, DRAG AND TORQUE. 500 GPMS, 1500 SPP, 60 RPMS, 3-15K TQ;CIRC BOTTOMS UP. CIRC HOLE CLEAN AND CIRC OUT MUD CAPS;WASH AND REAM F/ 4200 TO 4601' DUE TO RATTY FORMATION, SALT STRINGERS, DRAG AND TORQUE. 500 GPMS, 1500 SPP, 60 RPMS, 3-15K TQ
NO ISSUES;TIHF/ 4601' TO 5330'. WASH DOWN LAST 2 STANDS. (8' FILL) 600 GPMS, 2550 SPP, 60 RPM, 5K TQ;DRILL 12.25" INT. SECTION FROM 5330'. TO 5440'. 640 GPM. 60 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 3000 SPP (FT-100' 3 HR, 33 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION.;RIG SERVICE. C/O WASHED OUT LOW TORQUE VALVE ON KILL LINE;DRILL 12.25" INT. SECTION FROM 5440'. TO 5676'. 640 GPM. 60 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 3000 SPP (FT-236' 3.5 HR, 67 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION

(DAILY SLIDING HR'S & FTG = 28' - 1 HRS @ 28 FPH)
(DAILY ROTATING HR'S & FTG = 318' - 5.5 HRS @ 57 FPH)
ACTIVITY PLANNED: DRILL 12.25 INTERMEDIATE HOLE SECTION

Aug 23 2019 MD: 6,840 TVD: 6,780 FOOTAGE: 1,164 MW: 9.4 LB PTD:
RIG SUPERVISOR: JASON BROWN / SCOTT OGLE PBTD:
PRESENT OPERATIONS: DRILLING 12.25 INTERMEDIATE @ 6,840'
DRILL 12.25" INT. SECTION FROM 5676' TO 6219' . 640 GPM. 60 ROT. 35-40K WOB. 600 -900 PSI DIFF PRESSURE. 3000 SPP (FT-543' 10.5 HR, 51 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION

**CLOSE ORBIT VALVE & DRILL THROUGH CHOKE FROM 5870' TO 5948'. HOLDING 100PSI BACK PRESSURE WHILE WEIGHTING MUD UP TO 9.4# TO STOP SLIGHT WATER FLOW (0.5BBL/MIN);RIG SERVICE;DRILL 12.25" INT. SECTION FROM 6219' TO 6840' . 640 GPM. 50 ROT. 38-45K WOB. 500 -800 PSI DIFF PRESSURE. 3400 SPP (FT-621' 12.5 HR, 50 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION

(DAILY SLIDING HR'S & FTG = 20' - 1.5 HRS @ 14 FPH)
(DAILY ROTATING HR'S & FTG = 1144" - 21.5 HRS @ 54 FPH);RIG SERVICE
ACTIVITY PLANNED: DRILL 12.25 INTERMEDIATE

WELL: UL G 1-27 A #1H

Aug 24 2019 MD: 7,151 TVD: 6,987 FOOTAGE: 311 MW: 9.4 LB PTD:
RIG SUPERVISOR: JASON BROWN / SCOTT OGLE PBTD:
PRESENT OPERATIONS: TIH W/ 12.25 INTERMEDIATE BHA #3 @ 574'
DRILL 12.25" INT. SECTION FROM 6840' TO 7151'. 650-680 GPM. 50-70 ROT. 45-50K WOB. 250-400 PSI DIFF PRESSURE. 3400 SPP (FT-311' 10 HR, 31.1 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION
(DAILY SLIDING HR'S & FTG = 0' - 0 HRS @ 0 FPH)
(DAILY ROTATING HR'S & FTG = 311" - 10 HRS @ 31.1 FPH);WORK FULL STAND WHILE CIRCULATING HOLE CLEAN. 70ROT / 680GPM;FLOW CHECK (FLOWING <.5 BBL/S/MIN. TRIP OUT OF HOLE TO CHANGE BIT & MOTOR. F/ 7151' TO 4000' WITH CLOSED ORBIT VALVE AND MONITOR ANNULUS PSI. FILL CALCULATED FILL THROUGH KILL LINE;FLOW CHECK. NO FLOW . PULL 5 STANDS WET T/ 3520' . PUMP SLUG;TOH F/ 3520' TO 600'. HOLE TAKING PROPER FILL. (TIGHT SPOT 5400' 45K OVER-PULL);FLOW CHECK (NO FLOW) PULL ROTATING HEAD;RACK BACK 6.5" AND 8" DC'S, LAY OUT MONELS, STABILIZERS AND MWD TOOL. DRAIN BUTCHES MOTOR AND BREAK OFF TAUREX 12.25" TXD716 BIT. (1-2-CT-S-I-X-WT-PR);CLEAN RIG FLOOR. LOAD NEW BUTCHES MOTOR AND SMITH XS716S 12.25" BIT ON CAT WALK.;P/U NEW BUTCHES 8" 7/8, 4.0, 1.75FXD, W/ 11.75 STB MOTOR, MONELS, STABILIZERS AND MWD. SHALLOW TEST MOTOR AND MWD, 270 GPM, 265 SPP.. M/U SMITH 12.25 XS716S BIT. TIH W/ 8" AND 6.5" DC'S TO 600'
ACTIVITY PLANNED: TIH T/ 7151', DRILL 12.25 INTERMEDIATE SECTION

Aug 25 2019 MD: 7,601 TVD: 7,539 FOOTAGE: 450 MW: 9.3 LB PTD:
RIG SUPERVISOR: JASON BROWN / SCOTT OGLE PBTD:
PRESENT OPERATIONS: DRILLING 12.25 INTERMEDIATE SECTION @ 7601'
INSTALL ROTATING HEAD & TRIP IN HOLE W/ DRILL PIPE FROM 600' TO 7151'. HOLE DISPLACING PROPER VOLUME. FILL PIPE @ 3285' & WASH THROUGH TIGHT SPOT FROM 3285' TO 3470';DRILL 12.25" INT. SECTION FROM 7151' TO 7172'. 650 GPM. 50-70 ROT. 35K WOB. 250-400 PSI DIFF PRESSURE. 3800 SPP (FT-21' .5 HR, 42 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;ROTATING HEAD LEAKING. CHANGE OUT ROTATING HEAD.;DRILL 12.25" INT. SECTION FROM 7172' TO 7221'. 650 GPM. 50-70 ROT. 35K WOB. 250-400 PSI DIFF PRESSURE. 3400 SPP (FT-21' .5 HR, 42 FT/HR)
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION**
** HOLE STARTING SEEPING**;REDUCE FLOW RATE TO 500GPM, BUILD AND CIRCULATE 80BBL 20LB/BBL LCM TO HEAL LOSSES . CONTINUE CIRCULATE AND AND CUT MW F/ 9.4PPG TO 9.2+PPG, REDUCE FLOW RATE TO 450GPM AND CONTINUE ADDING LCM FOR PRECAUTIONARY TO HEAL LOSSES.
LOSSES 0-MINIMUM AFTER CIRCULATING LCM TOTAL MUD LOSS 210BBLs**
WELL FLOWING INTERMITTENTLY 5 BBL/HR AND ON CONNECTION;STAGE PUMPS UP 500 GPMS- 620 GPMS AND DRILL 12.25" INT. SECTION FROM 7221' TO 7556'. 500-620 GPM. 45-55 ROT. 35-40K WOB. 250-400 PSI DIFF PRESSURE. 3000 SPP (FT-335' 11 HR, 31 FT/HR)
** CLOSE ORBIT VALVE DURING CONNECTION TO MITIGATE WATER FLOW**
WELL FLOWING INTERMITTENTLY 6-9 BBL/HR AND ON CONNECTION
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;RIG SERVICE;DRILL 12.25" INT. SECTION FROM 7556' TO 7601'. 620 GPM. 45-55 ROT. 35-40K WOB. 250-400 PSI DIFF PRESSURE. 3000 SPP (FT-45' .5 HR, 90 FT/HR)
(DAILY SLIDING HR'S & FTG = 47' - 5 HRS @ 10 FPH)
(DAILY ROTATING HR'S & FTG = 403' - 10 HRS @ 40 FPH)
** CLOSE ORBIT VALVE DURING CONNECTION TO MITIGATE WATER FLOW**
WELL FLOWING INTERMITTENTLY 6-9 BBL/HR AND ON CONNECTION
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION
ACTIVITY PLANNED: DRILL 12.25 INTERMEDIATE

Aug 26 2019 MD: 8,498 TVD: 8,435 FOOTAGE: 897 MW: 9.3 LB PTD:
RIG SUPERVISOR: JASON BROWN / SCOTT OGLE PBTD:
PRESENT OPERATIONS: DRILLING 12.25 INTERMEDIATE @ 8498'
DRILL 12.25" INT. SECTION FROM 7601' TO 8453'. 650 GPM. 45-55 ROT. 35-45K WOB. 250-400 PSI DIFF PRESSURE. 3400 SPP (FT-852' 22.5 HR, 37 FT/HR)
ADJUST GPM AND PUMP LCM AS NEEDED TO MITIGATE LOSSES AND WATER FLOW. (GPMS 580-650, MW 9.2+-9.3+)
** CLOSE ORBIT VALVE DURING CONNECTION TO MITIGATE WATER FLOW**
WELL FLOWING INTERMITTENTLY 6-9 BBL/HR AND ON CONNECTION
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;RIG SERVICE;DRILL 12.25" INT. SECTION FROM 8453' TO 8498'. 650 GPM. 45-55 ROT. 35-45K WOB. 250-400 PSI DIFF PRESSURE. 3200 SPP (FT-45' 1 HR, 45 FT/HR)
ADJUST GPM AND PUMP LCM AS NEEDED TO MITIGATE LOSSES AND WATER FLOW. (GPMS 580-650, MW 9.2+-9.3+)
(DAILY SLIDING HR'S & FTG = 0' - 0 HRS @ 0 FPH)
(DAILY ROTATING HR'S & FTG = 897' - 23.5 HRS @ 38 FPH)
** CLOSE ORBIT VALVE DURING CONNECTION TO MITIGATE WATER FLOW**
WELL FLOWING INTERMITTENTLY 6-9 BBL/HR AND ON CONNECTION
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION
ACTIVITY PLANNED: DRILL 12.25 INTERMEDIATE SECTION

WELL: UL G 1-27 A #1H

Aug 27 2019 MD: 9,170 TVD: 9,107 FOOTAGE: 672 MW: 9.3 LB PTD:
RIG SUPERVISOR: JASON BROWN / SCOTT OGLE PBTD:
PRESENT OPERATIONS: CIRCULATE HOLE CLEAN. PREP TO TRIP FOR BIT @ 9170'
DRILL 12.25" INT. SECTION FROM 8498' TO 8807'. 650 GPM. 45-65 ROT. 35-47K WOB. 250-470 PSI DIFF PRESSURE. 3200 SPP (FT-309' 8.5HR, 36FT/HR)
ADJUST GPM AND PUMP LCM AS NEEDED TO MITIGATE LOSSES AND WATER FLOW. (GPMS 580-650, MW 9.2+-9.3+)

** CLOSE ORBIT VALVE DURING CONNECTION TO MITIGATE WATER FLOW**
WELL FLOWING INTERMITTENTLY 6-9 BBL/HR AND ON CONNECTION
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;
RIG SERVICE -- A/C IN VFD SHUT DOWN, VFD OVERHEATED CAUSING PUMP #2 TO SHUT DOWN. CIRCULATE @ 375GPM & WORK PIPE WHILE TROUBLESHOOTING & REPAIRING;
REPAIR RIG -- A/C IN VFD SHUT DOWN, VFD OVERHEATED CAUSING PUMP # 1 & #2 TO SHUT DOWN. WORK PIPE WHILE TROUBLESHOOTING & REPAIRING

**REGAIN PUMP #1 & TOP DRIVE FUNCTION @ 15:30. CIRCULATE @ 300GPM, 30 ROT, WORK FULL STAND;
DRILL 12.25" INT. SECTION FROM 8807' TO 9170'. 580-650 GPM. 45-65 ROT. 35-47K WOB. 250-500PSI DIFF PRESSURE. 3300 SPP (FT-363' 10 HR, 37 FT/HR)
ADJUST GPM AND PUMP LCM AS NEEDED TO MITIGATE LOSSES AND WATER FLOW. (GPMS 580-650, MW 9.2+-9.3+)

(DAILY SLIDING HR'S & FTG = 0' - 0 HRS @ 0 FPH)
(DAILY ROTATING HR'S & FTG = 672' - 18.5HRS @ 37FPH)

** CLOSE ORBIT VALVE DURING CONNECTION TO MITIGATE WATER FLOW**
WELL FLOWING INTERMITTENTLY 2-6 BBL/HR AND ON CONNECTION
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;
RIG SERVICE;
CIRCULATE BOTTOMS UP. CIRCULATE HOLE CLEAN. PREP TO TRIP FOR BIT (640 GPM, 3000 SPP) RECIPROCATATE FULL STAND 90' AND ROTATE 65RPM

(DAILY SLIDING HR'S & FTG = 0' - 0 HRS @ 0 FPH)
(DAILY ROTATING HR'S & FTG = 672' - 18.5HRS @ 37FPH)
ACTIVITY PLANNED: BIT TRIP, C/O BIT AND MOTOR, TIH, DRILL 12.25 INTERMEDIATE

Aug 28 2019 MD: 9,538 TVD: 9,475 FOOTAGE: 368 MW: 9.3 LB PTD:
RIG SUPERVISOR: JASON BROWN / SCOTT OGLE PBTD:
PRESENT OPERATIONS: CIRCULATING HOLE CLEAN. CIRCULATE AND CONDITION MUD FOR CASING RUN @ 9538' MD INT TD
WORK FULL STAND & CIRCULATE HOLE CLEAN. 70ROT / 650GPM;FLOW CHECK (WELL FLOWING). CLOSE ORBIT VALVE & TRIP OUT OF HOLE FROM 9170' TO 4000' PUMPING CALCULATED FILL VOLUME. TRIP SPEED - 75-100FT/MIN. FLOW CHECK @ 4000', NO FLOW. PUMP SLUG & TRIP OUT OF HOLE FROM 4000' TO 573'.;PULL ROTATING HEAD & TRIP OUT OF HOLE, W/ 6.5" & 8" DRILL COLLARS FROM 573' TO 112'. TRIP SPEED 80FT/MIN;PJSW W/ LEGACY DIRECTIONAL. RACK MONELS, BREAK OFF STABILIZERS. PULL MWD, DRAIN MOTOR & BREAK BIT (1-6-CT-S-X-NO-ROP) & LAY OUT MOTOR;CLEAN & ORGANIZE RIG FLOOR BEFORE TRIP IN HOLE;PICK UP NEW 8" RENEGADE 7/8L 4.0STG FBH MOTOR SET TO 1.75DEG W/ 11" NBS, NEW 12.25" ULTERRA RPS716 PDC BIT, STABILIZERS & MONELS & INSTALL MWD. TEST MWD AND MOTOR 330GPMS, 300SPP;TRIP IN HOLE W/ 8" & 6.5" DRILL COLLARS;INSTALL ROTATING HEAD & TRIP IN HOLE W/ DRILL PIPE FROM 573' TO 9170'. WASH LAST 2 STANDS DOWN.
TAKE DRILL PIPE DISPLACEMENT INTO OPEN TOP TANK AND HAUL 400BBLs TO MUD FARM. BUILD NEW OBM INTO SYSTEM. DUE TO WATER INFLUX.;DRILL & SURVEY 12.25" INT. SECTION FROM 9170' TO TD @ 9538' . 580-650 GPM. 45-65 ROT. 35-45K WOB. 250-650PSI DIFF PRESSURE. 3600 SPP (FT-368' 7.5HR, 49 FT/HR)
BUILD NEW 9.3PPG OBM AND BLEED INTO SYSTEM.

(DAILY SLIDING HR'S & FTG = 0' - 0 HRS @ 0 FPH)
(DAILY ROTATING HR'S & FTG = 368' - 7.5HRS @ 49FPH)

** CLOSE ORBIT VALVE DURING CONNECTION TO MITIGATE WATER FLOW**
WELL FLOWING INTERMITTENTLY 2-6 BBL/HR AND ON CONNECTION
PUMP HIGH VIS SWEEPS @ 200'-300' DEPENDENT ON ROP AND HOLE CONDITION;
CIRCULATE HOLE CLEAN. CIRCULATE AND CONDITION MUD FOR CASING RUN. (RECIPROCATATE PIPE 90' / 650GPM / 70 ROT WHILE CIRCULATING)
ACTIVITY PLANNED: TOH, L/D BHA AND BIT, R/U RIH 9.625 INTERMEDIATE CASING, CEMENT

WELL: UL G 1-27 A #1H

Aug 29 2019 MD: 9,538 TVD: 9,040 FOOTAGE: MW: 9.3 LB PTD:
RIG SUPERVISOR: JASON BROWN / JAMIE DAIGLE PBTD:
PRESENT OPERATIONS: RUNNING 9.625" 40# HCL-80 CASING @ 9300'

CIRCULATE HOLE CLEAN. CIRCULATE AND CONDITION MUD FOR CASING RUN. (RECIPROCATATE PIPE 90' / 650GPM / 70 ROT WHILE CIRCULATING);BACK REAM & WASH DOWN FIRST 5 STANDS OFF BOTTOM. FLOW CHECK. WELL FLOWING. CLOSE ORBIT VALVE & STRIP OUT OF HOLE FILLING CALCULATED VOLUME OF 12.2# MUD & MONITORING PRESSURE AT CHOKE. FLOW CHECK @ 4000';LAY OUT 8" & 6.5" DRILL COLLARS;PJSM W/ LEGACY DIRECTIONAL, BREAK & LAY OUT STABILIZERS & PULL MWD TOOL. LAY OUT MONELS, DRAIN MOTOR, BREAK BIT (1-1-I-X-NO-TD) & LAY OUT MOTOR

**BHGE WELLHEAD TECH ON LOCATION @16:00;RIG SERVICE;PICK UP, DRY FIT & MARK LANDING JOINT W/ BHGE WELLHEAD TECH

**BUTCH'S CASING CREW & CRT ON LOCATION @ 16:00
**WEATHERFORD TOOL HAND ON LOCATION @ 16:00
**BOND COAT ON LOCATION @16:00, OFF LOCATION @ 00:15
*TRRC NOTIFIED OF CASING RUN -- SPOKE W/ ROSA, NO OP NUMBER;PJSM WITH CASING CREW, FINISH RIGGING UP CASING TOOLS.;MAKE UP SHOE TRACK AND TEST SAME (GOOD TEST). PICK UP & RUN 57 JNTS OF 9.625" / 40# / HCL-80 / BTC SLICK CASING JOINTS TO 2426'. CHANGE OUT ELEVATORS FOR BOND COAT CASING. PICK UP & RUN 59 JOINTS OF 9.625" / 40# / HCL-80 / BTC BOND COAT CASING TO 4921'. MAKE UP DV/ECP TOOL & . CHANGE ELEVATORS & RUN 65 JOINTS OF 9.625" / 40# / HCL-80 / BTC SLICK CASING TO 7682'. FILLING PIPE ON THE RUN & TOPPING UP EVERY 25 JOINT, HOLE NOT DISPLACING PROPER FLUID, CIRCULATES WHEN PUMPING. RUN @ 85-120 FPM. BEGAN GETTING VERY LIMITED DISPLACEMENT AFTER 6000'.

**FLOAT SHOE @ 9528'
**FLOAT COLLAR @ 9482'
**ECP @ 4589'
**DV TOOL @ 4579';JOINT # 183 BAD, SWAP OUT FOR GOOD JOINT AND FILL CASING @ 7682';CONTINUE RUNNING 42 JOINTS OF 9.625"/40# / HCL-80 / BTC CASING FROM 7682' TO 9300'.

ACTIVITY PLANNED: FINISH RUNNING CASING, CEMENT, INSTALL PACKOFF IN HEAD.

Aug 30 2019 MD: TVD: FOOTAGE: MW: 11.0 LB PTD:
RIG SUPERVISOR: JASON BROWN / JAMIE DAIGLE PBTD:
PRESENT OPERATIONS: DRILL OUT DV AND BAFFLE @ 4579'

MAKE UP LANDING JOINT & LAND CASING @ 9528';CIRCULATE CASING VOLUME WHILE RIGGING DOWN CASING CREW & RIGGING UP CEMENTERS IRON

**BUTCH'S CASING CREW OFF LOCATION @ 08:00
** BUTCH'S CRT OFF LOCATION @ 08:30;PJSM W/ SILVERZONE CEMENTERS & WEATHERFORD TOOL HAND. RIG OUT CRT & RIG IN CEMENT HEAD. PRESSURE TEST LINES TO 5000 PSI. PUMP 300 BBLs 9.0 PPG PREFLUSH AHEAD. PUMP STAGE 1 LEAD: 1800 SKS (896.7 BBLs) SZ-TXI LITE - +6% STE, 1% C-45, 0.4% C-17, .2% C-51, 0.3% CITRIC ACID, 1% SALT, .15% C-20, 1/4#/SK CELLOFLAKE YIELD 2.65 CU.FT./SK, MIX WATER 15.25 GAL./SK @ 11 PPG. TOTAL MIX WATER FOR STAGE - 735.1 BBLs, PUMP STAGE 1 TAIL: 200 SKS (45.6 BBLs) SZ- 50/50 "H" - 2% BENTONITE, 3% SALT, 1.5#/SK PHENO, 1/4#/SK CELLOFLAKE, 0.2% C-20, .3% C-47B, YIELD 1.28 CU.FT./SK, MIX WATER 5.81 GAL./SK @ 14.20 PPG. TOTAL MIX WATER FOR STAGE - 27.7 BBL. DROP PLUG & DISPLACE WITH 719 BBLs BRINE WATER, CIRCULATING PSI 550, BUMP PLUG (14:15 HRS) 650 PSI OVER @ 1550 PSI. PUMP TO INFLATE PACKER @ 2100 PSI, BLEED BACK 3/4 BBL, BLEED BACK 2.5 BBLs FROM CASING, FLOATS HOLDING. PARTIAL RETURNS UNTIL 100BBLs OF DISPLACEMENT REMAINING, THEN INTERMITTENT RETURNS UNTIL PLUG DOWN;DROP DV TOOL OPENING DEVICE (BOMB) & WAIT 30 MINUTES. ATTEMPT TO OPEN DV TOOL WITH 900 PSI, UNSUCCESSFUL, MAKE 8 ATTEMPTS TO SURGE & OPEN DV TOOL AT 1750PSI. BLEED BACK & ATTEMPT TO OPEN DV TOOL, OPENED @ 1000PSI. CIRCULATE 120BBLs OF BRINE TO ENSURE CEMENT HAD NOT SET UP AROUND DV TOOL. PUMP STAGE 2 LEAD: 2000 SKS (943.9 BBLs) SZ-TXI LITE - +6% STE, 1% C-45, 0.4% C-17, 0.2% C-51, .3% CITRIC, 1% SALT, .15% C-20, 1/4#/SK CELLOFLAKE YIELD 2.65 CU.FT./SK, MIX WATER 16.25 GAL./SK @ 11 PPG. TOTAL MIX WATER FOR STAGE - 773.8BBLs, PUMP STAGE 2 TAIL: 200 SKS (47 BBLs) CLASS "C" +1/4#/SK CELLOFLAKE, 0.2% C-37, 0.3% C-47B. YIELD 1.32 CU.FT./SK, MIX WATER 6.34 GAL./SK @ 14.80 PPG. DISPLACE WITH 347 BBLs BRINE WATER, CIRCULATING PSI 560, BUMP PLUG (20:20 HRS) 1600 PSI OVER @ 2100 PSI. GOT BACK 55 BBLs FROM FIRST STAGE, 307 BBLs CEMENT ON SECOND STAGE.. GOOD RETURNS THROUGHOUT DISPLACEMENT OF SECOND STAGE. BLEED BACK 2 BBLs, FLOAT HOLDING.;RIG DOWN CEMENTING EQUIPMENT, STANDPIPE, AND CASING BAILS.

*SILVERZONE OFF LOCATION @ 21:20
*WEATHERFORD OFF LOCATION @ 21:00;LAY OUT LANDING JOINT. RIG UP WASH DOWN SUB AND WASH OUT WELLHEAD, PICK UP AND SET PACK OFF, TEST PACK OFF TO 5000 PSI. RIG DOWN PACK OFF SETTING TOOLS. OVER PULL TEST @ 20K

*BHGE WELLHEAD TECH OFF LOCATION @ 00:30;RIG SERVICE;PICK UP AND MAKE UP BUTCH'S 7/8L 6.4STG FBH MOTOR SET @ 2DEG, 7.875" SMITH MDSI611 PDC BIT, MONELS, UBHO, AND SCRIBE. INSTALL MWD AND TEST TOOLS.;TRIP IN HOLE FROM 98' TO 4000' P/U AGITATOR @ 2516' FILL PIPE & TEST AGITATOR (280PSI BEFORE PICKING UP AGITATOR, 490PSI AFTER @ 80 STROKES).;CUT AND SLIP 80' DRILLING LINE;TRIP IN HOLE FROM 4000' TO 4579'

**TAG DV TOOL @ 4579'
**TAG BAFFLE PLATE @;DRILL OUT DV AND BAFFLE FROM 4579' TO 4648'

ACTIVITY PLANNED: DRILL OUT CEMENT AND TOOLS, DISPLACE TO OBM, START CURVE.

WELL: UL G 1-27 A #1H

Aug 31 2019	MD: 10,295	TVD: 10,050	FOOTAGE: 757	MW: 11.1	LB	PTD:
	RIG SUPERVISOR:	JASON BROWN / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	DRILLING 7.875" CURVE @ 10295'				
	DRILL OUT & WORK THROUGH DV TOOL & BAFFLE PLATE FROM 4579' TO 4685';TRIP IN HOLE TO DRILL OUT CEMENT, FLOAT & SHOE FROM 4700' TO 9070';PICK UP DRILL PIPE FROM 9070' TO 9475'					
	**TAG CEMENT @ 9475';FILL PIPE, BREAK CIRCULATION & DISPLACE TO 11# OBM (648BBL / 9365 STROKES);DRILL OUT CEMENT, FLOAT & SHOE FROM 9476' TO 9538'. 300GPM / 30ROT / 5-15KWOB					
	**TAG CEMENT @ 9476'					
	**TAG FLOAT @ 9482'					
	**TAG SHOE @ 9528';DRILL 7.875" VERTICAL HOLE FROM 9538' TO KOP @ 9616'. STAGE PUMP FROM 400GPM TO 550GPM / 45 ROT / 25-30K WOB / 250DIFF;DRILL & SURVEY 7.875" CURVE SECTION FROM 9616' TO 10010'. 550GPM / 27-35KWOB / 250-300 DIFF (394' @ 39'/HR);CHANGE 4 VALVES AND SEATS ON #2 PUMP;CONTINUE TO CHANGE 4 VALVES AND SEATS ON #2 PUMP;DRILL & SURVEY 7.875" CURVE SECTION FROM 10010' TO 10295'. 550GPM / 27-35KWOB / 250-300 DIFF (285' @ 71.25'/HR)					
	(DAILY SLIDING HR'S & FTG = 604' - 12.92 HRS @ 47.15 FPH) (DAILY ROTATING HR'S & FTG = 142' - 3.58 HRS @ 39.66 FPH)					
	ACTIVITY PLANNED:	FINISH DRILLING 7.875" CURVE, DRILL AND SURVEY 7.875" LATERAL SECTION				
Sep 1 2019	MD: 12,725	TVD: 10,193	FOOTAGE: 2,430	MW: 11.2	LB	PTD:
	RIG SUPERVISOR:	JASON BROWN / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	DRILLING 7.875" LATERAL @ 12725'				
	DRILL & SURVEY 7.875" CURVE SECTION FROM 10295' TO 10545' (90.34INC / 347.48AZ / 10157.23' TVD). 550GPM / 27-35KWOB / 250-300 DIFF (285' @ 71.25'/HR). 11.0PPG MW;DRILL & SURVEY 7.875" LATERAL SECTION FROM 10545' TO 11235' . 550GPM / 27-35KWOB / 300-600 DIFF (690' @ 125'/HR). 11.0PPG MW;RIG SERVICE;DRILL & SURVEY 7.875" LATERAL SECTION FROM 11235' TO 12725' . 550GPM / 27-35KWOB / 300-600 DIFF (1490' @ 119.2'/HR). 11.2PPG MW					
	(DAILY SLIDING HR'S & FTG = 240' - 6 HRS @ 40 FPH) (DAILY ROTATING HR'S & FTG = 2190' - 17.5 HRS @ 125 FPH)					
	ACTIVITY PLANNED:	DRILL AND SURVEY 7.875" LATERAL SECTION.				
Sep 2 2019	MD: 15,340	TVD: 10,314	FOOTAGE: 2,615	MW: 11.3	LB	PTD:
	RIG SUPERVISOR:	JASON BROWN / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	DRILLING 7.875" LATERAL SECTION @ 15340'				
	DRILL & SURVEY 7.875" LATERAL SECTION FROM 12725' TO 13777'. 550GPM / 27-35KWOB / 300-600 DIFF (1052' @ 131.5'/HR). 11.3PPG MW;RIG SERVICE;DRILL & SURVEY 7.875" LATERAL SECTION FROM 13777' TO 15340'. 550GPM / 27-35KWOB / 300-600 DIFF (1548' @ 99.8'/HR). 11.3PPG MW					
	(DAILY SLIDING HR'S & FTG = 138' - 6 HRS @ 25 FPH) (DAILY ROTATING HR'S & FTG = 2477' - 17.5 HRS @ 141.5 FPH)					
	ACTIVITY PLANNED:	DRILL AND SURVEY 7.875" LATERAL SECTION.				
Sep 3 2019	MD: 17,175	TVD: 10,412	FOOTAGE: 1,835	MW: 11.3	LB	PTD:
	RIG SUPERVISOR:	JASON BROWN / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	DRILLING 7.875" LATERAL SECTION @ 17175'				
	DRILL & SURVEY 7.875" LATERAL SECTION FROM 15340' TO 16196'. 400-550GPM / 20-35KWOB / 300-600 DIFF (856' @ 85.6'/HR). 11.3PPG MW;RIG SERVICE -- GREASE TOP DRIVE, SWIVEL PACKING & CHECK OILS. F/T HCR;DRILL & SURVEY 7.875" LATERAL SECTION FROM 16196' TO 16658'. 550GPM / 35KWOB / 300-750 DIFF (462' @ 66'/HR). 11.3PPG MW;RIG SERVICE, CAP GASKET;DRILL & SURVEY 7.875" LATERAL SECTION FROM 16658' TO 17175'. 550GPM / 35KWOB / 300-750 DIFF (517' @ 86.1'/HR). 11.3PPG MW					
	(DAILY SLIDING HR'S & FTG = 79' - 3 HRS @ 26.33 FPH) (DAILY ROTATING HR'S & FTG = 1756' - 20 HRS @ 87.8 FPH)					
	ACTIVITY PLANNED:	DRILL AND SURVEY 7.875" LATERAL SECTION.				
Sep 4 2019	MD: 18,450	TVD: 10,398	FOOTAGE: 1,275	MW: 11.3	LB	PTD:
	RIG SUPERVISOR:	JASON BROWN / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	DRILLING 7.875" LATERAL SECTION @ 18450				
	DRILL & SURVEY 7.875" LATERAL SECTION FROM 17175' TO 17807'. 540GPM / 35KWOB / 300-750 DIFF (632' @ 57.45'/HR). 11.3PPG MW;RIG SERVICE, CHECK OIL LEVELS, GREASE TOP DRIVE AND SWIVEL PACKING.;DRILL & SURVEY 7.875" LATERAL SECTION FROM 17807' TO 18180'. 540GPM / 35KWOB / 300-750 DIFF (373' @ 57.3'/HR). 11.3PPG MW;RIG SERVICE, TOP DRIVE;DRILL & SURVEY 7.875" LATERAL SECTION FROM 18180' TO 18450'. 510GPM / 35KWOB / 300-750 DIFF (270' @ 49'/HR). 11.3PPG MW					
	(DAILY SLIDING HR'S & FTG =111' - 7.5 HRS @ 14.8 FPH) (DAILY ROTATING HR'S & FTG = 1164' - 15.5 HRS @ 75 FPH)					
	ACTIVITY PLANNED:	DRILL AND SURVEY 7.875" LATERAL SECTION.				

WELL: UL G 1-27 A #1H

Sep 5 2019	MD: 18,992	TVD: 10,394	FOOTAGE: 542	MW: 11.4	LB	PTD:
	RIG SUPERVISOR:	KENNETH STEPHENSON / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	WASH AND REAM OUT OF HOLE @15700 RAISING MW TO 11.4				
	DRILL & SURVEY 7.875" LATERAL SECTION FROM 18,450' TO 18,992'. 520GPM , 35/40 KWOB , 300-950 DIFF (542' @ 72' HR). 11.2 PPG MW					
	(DAILY SLIDING HR'S & FTG =0' - 0 HRS @ 0 FPH) (DAILY ROTATING HR'S & FTG = 542' - 7.5 HRS @ 72 FPH);PUMP 40 BBL SWEEP , ROTATE AND RECIPROCATATE PIPE , 70 RPMS , 528 GPMS, FOR 32000 STKS (3 BOTTOMS UP) ATTEMPT TO DRILL WOULD NOT GO TO BOTTOM AND DIFF WAS ONLY 160 , FINISH CIRCULATE AND ROTATE AND RECIPROCATATE TILL 6 HRS TOTAL CIRCULATING RACKING BACK 1 STAND EVERY 1.5 HRS , PREP FOR TRIP TO CHANGE BHA;FLOW CHECK AND TRIP OUT OF HOLE F/18,695' T/16,439', PUMPED SLUG @17,789'. HOLE TAKING PROPER FILL , SHOWED SIGNS OF DRAG FROM 17,300' , TO 16,439';WASH AND REAM PIPE F/16439 T/15700' WHILE WEIGHTING UP TO 11.4 PPG , STAGING PUMPS UP AS HOLE WOULD ALLOW DUE TO PACKING OFF (250-365 GPM, 60-70- RPM)					
	ACTIVITY PLANNED:	CONTINUE WASH/TRIP OUT, CHANGE MOTOR AND BIT.				
Sep 6 2019	MD: 18,992	TVD: 10,394	FOOTAGE:	MW: 11.6	LB	PTD:
	RIG SUPERVISOR:	KENNETH STEPHENSON / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	CUT OFF DRILLING LINE				
	WASH AND BACKREAM OUT OF HOLE F/15,700' T/15,075' WORKING THROUGH TIGHT/PACKOFF ZONES;ESTABLISHED CIRCULATION @15,075' AND STAGE PUMPS UP TO 450 GPM, CIRCULATE AND RECIPROCATATE PIPE AND RAISE MUD WEIGHT TO 11.6. CIRCULATE 3X CALCULATED BOTTOMS UP.;TRIP OUT OF HOLE F/15,075' T/98' HOLE TAKING PROPER FILL, PUMP SLUG @13,629', LAY DOWN 13 STDS (26 JTS) TO GET TO DIRECTIONAL TOOLS.;LAY DOWN MONEL, PULL MWD, DRAIN MOTOR AND BREAK BIT, FOUND MWD LOWER END HAD EXCESSIVE WEAR.;RIG SERVICE;CHANGE OUT LOWER END ON MWD, RECALIBRATE MWD.;MAKE UP TOOLS AND INSTALL MWD, TEST TOOLS AND MAKE UP SMITH MDi611 SN-JP5602 BIT.;TRIP IN HOLE PICKING UP 26 JTS OFF OF RACK AND FROM DERRICK F/98' T/9430, PICK UP AGITATOR @2515', PRESSURE BEFORE AG.-670 AFTER AG.-860 @235 GPM.;SLIP AND CUT 70 FT DRILLING LINE.					
	ACTIVITY PLANNED:	FINISH CUTTING DRILL LINE AND FINISH TRIP/WASH IN HOLE.				
Sep 7 2019	MD:	TVD:	FOOTAGE:	MW: 11.6	LB	PTD:
	RIG SUPERVISOR:	KENNETH STEPHENSON / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	WASH AND REAM IN HOLE @ 14,600'				
	FINISH CUT AND SLIP DRILL LINE.;TRIP IN HOLE F/9434' T/9828', TIGHT SPOT @9828';WORK THROUGH TIGHT SPOT @9828' WITH PUMPS AND ROTARY UNTIL CLEAN.;CONTINUE TRIP IN HOLE F/9828' T/12895', DISCOVERED BAD SPOT ON KELLY HOSE.;TRIP OUT OF HOLE F/12895' T/9505' TO CHANGE KELLY HOSE.;HOLD PJSM WITH CREW, BLOW BACK KELLY HOSE/STANDPIPE, REPLACE KELLY HOSE, TEST LINES TO 1500 PSI.;TRIP IN HOLE F/9505' T/14429, HOLE STARTED GETTING TIGHT.;ATTEMPTED TO CIRCULATE, PACKING OFF. BACK REAM OUT OF HOLE F/14429' T/14215';RIG SERVICE, CHANGE OUT TOP DRIVE GRABBER DIES.;CONTINUE BACKREAMING OUT OF HOLE F/14215' T/13770'. WORK STAND WHILE CIRCULATING AND ROTATING UNTIL CLEANED UP. WORKED GPMS UP TO 500, BACKED DOWN TO 400 GPM BECAUSE OF LOSSES. LOSSES STOPPED AT 400 GPM.;REAM IN HOLE F/13770' T/14410' ENCOUNTERED TIGHT SPOT. HOLE BEGAN TO LOSE MUD TRYING TO WORK THROUGH TIGHT SPOT. 400 GPM, 60 RPM.;CIRCULATE AND RECIPROCATATE PIPE UNTIL HOLE CLEANED UP . 400 GPM, 60 RPM.;WASH AND REAM IN HOLE F/14410' T/14600' 400 GPM 60 RPM, RECIPROCATATE STANDS AS NEEDED TO CLEAN HOLE.					
	ACTIVITY PLANNED:	WASH AND REAM IN HOLE, DRILL 7.875" LATERAL TO TD.				
Sep 8 2019	MD: 18,992	TVD: 10,394	FOOTAGE:	MW: 11.6	LB	PTD:
	RIG SUPERVISOR:	KENNETH STEPHENSON / JAMIE DAIGLE				PBTD:
	PRESENT OPERATIONS:	WASH AND REAM @ 18,992'				
	WASH AND REAM IN HOLE FROM 14,600' TO 14,850' 450 GPM 60 RPM,3400 PSI,11.5 PPG, RECIPROCATATE STANDS AS NEEDED TO CLEAN HOLE. , HOLE BALLOONING ON CONNECTIONS;WIPER TRIP FROM 14,850' TO 13,900' , HOLE WAS BALLOONING THE ENTIRE TRIP, NO EXCESS DRAG;TRIP IN THE HOLE TO 14,850' , NO ISSUES;WASH AND REAM IN HOLE FROM 14,850' TO 17,808' 450 GPM 60 RPM,3400 PSI ,11.5 PPG, RECIPROCATATE STANDS AS NEEDED TO CLEAN HOLE. , HOLE BALLOONING ON CONNECTIONS , LOSING MUD WHEN TORQUE IS HIGH AND HOLE PACKS OFF , PUMPING WEIGHTED SWEEPS EVERY 300';KELLY HOSE LEAKING AT STANDPIPE CONNECTION, CIRCULATE WITH PUMP IN SUB WHILE CHANGING OUT KELLY HOSE GASKET. TEST STANDPIPE TO 2500 PSI.;WASH AND REAM IN HOLE FROM 17,808' TO 18,992' 510 GPM 60 RPM,5300 PSI ,11.5 PPG, RECIPROCATATE STANDS AS NEEDED TO CLEAN HOLE. , HOLE BALLOONING ON CONNECTIONS , PUMPING WEIGHTED SWEEPS EVERY 300'					
	ACTIVITY PLANNED:	DRILL AHEAD				

WELL: UL G 1-27 A #1H

Sep 9 2019 MD: 20,472 TVD: 10,432 FOOTAGE: 1,480 MW: 11.6 LB PTD:
RIG SUPERVISOR: KENNETH STEPHENSON / JAMIE DAIGLE PBTD:
PRESENT OPERATIONS: CIRCULATE CLEAN UP CYCLES

DRILL & SURVEY 7.875" LATERAL SECTION FROM 18,992' TO 19706'. 510 GPM , 25-30K WOB , 300-750 DIFF (714' @ 119' HR). 11.5 PPG MW , PUMPING HEAVYWEIGHT SWEEPS EVERY 300';CIRCULATE ON ONE PUMP WHILE CHANGING LINER GASKET ON PUMP 2;DRILL & SURVEY 7.875" LATERAL SECTION FROM 19706' TO 20065'. 510 GPM , 25-30K WOB , 300-750 DIFF (359' @ 102.5' HR). 11.5 PPG MW , PUMPING HEAVYWEIGHT SWEEPS EVERY 300';RIG SERVICE;DRILL & SURVEY 7.875" LATERAL SECTION FROM 20065' TO 20252'. 510 GPM , 25-30K WOB , 300-750 DIFF (187' @ 93.5' HR). 11.5 PPG MW , PUMPING HEAVYWEIGHT SWEEPS EVERY 300';WORK STAND AND CIRCULATE TO CLEAN HOLE DUE TO HIGH TORQUE AND PRESSURES , PACKING OFF;DRILL & SURVEY 7.875" LATERAL SECTION FROM 20252' TO 20472'. 510 GPM , 25-30K WOB , 300-750 DIFF (220' @ 110' HR). 11.5 PPG MW , PUMPING HEAVYWEIGHT SWEEPS EVERY 300'

(DAILY SLIDING HR'S & FTG =29' - 2.5 HRS @ 11.6 FPH)
(DAILY ROTATING HR'S & FTG = 1451' - 11.5 HRS @ 126 FPH);RECIPROCATATE PIPE AND CIRCULATE HOLE CLEAN FOR CASING RUN. PUMP 4X WEIGHTED SWEEPS. 575 GPM, 6200 PSI 65 RPM. RACK BACK 1 STD EVERY 2 HRS;RIG SERVICE, GREASE TOP DRIVE;RECIPROCATATE PIPE AND CIRCULATE HOLE CLEAN FOR CASING RUN. PUMP 4X WEIGHTED SWEEPS. 575 GPM, 6200 PSI 65 RPM. RACK BACK 1 STD EVERY 2 HRS

TD UL G 1-27 A #1H @22:00 9-8-19

ACTIVITY PLANNED: TRIP OUT OF HOLE FOR CASING RUN.