


<div>  <div>Daily Operations</div> </div>				
Well Name: GILL LAND ASSOC. 22-02				
Daily Operations				
Well Name	API	Job Type	Start Date	Summary
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	1/30/2019	CREW TRAVEL TO LOCATION FROM MAGGIE, REV JSA, REV DAILY RIG CHECK LIST PERFORM DERRICK INSPECTION, SPOT SUPPORT EQUIPMENT WITH ENSIGN TRUCKING, SPOT RIG AND BASE BEAM, LEVEL RIG AND RAISE MAST, HOOK UP GUY WIRES, CENTER RIG OVER HOLE, REV JSA, PICK UP 9" BOP,AND NIPPLE UP ON WELL AND TIGHTEN, MOVE STACK TO TEST STUMP AND FILL AND SET 2 7/8 PUP JNT, SHUT BAG AND SHELL TEST, FOUND BONNET LEAKING TIGHTEN BOLTS AND SHELL TEST AGAIN GOOD TEST, TEST 250/2000 PSI ON ANNULAR AND PIPE RAMS GOOD TEST, DRAIN STACK SECURE WELL AND LOCATION
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	1/31/2019	CREW TRAVEL TO LOCATION, REV JSA, REV DAILY RIG CHECK LIST, MOVE IN TBG TRAILER, TEST BLIND RAMS AND PUMP AND LINES 250/2000 PSI, NIPPLE UP BOPE ON WELL, PERFORM ACCUMULATOR DRAW DOWN TEST, RIG UP WORK FLOOR AND TBG EQUIPMENT, RUN PLUMB BOB TO 200' NO TAG, PICK UP 8 5/8 PACKER AND SET @ 196' PSI TO 200 PSI AND HELD FOR 15 MIN, RELEASE PACKER AND TOO H AND LAY DOWN SAME, PICK UP 2 7/8 TBG 8 JNTS +15' TAGGED @ 269' TOO H AND LAY DOWN TBG, DRAIN PUMP AND LINES, WORK ON POWER SWIVEL, SECURE WELL AND LOCATION,
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/1/2019	CREW TRAVEL TO LOCATION, REV JSA, REV DAILY RIG CHECK LIST, PICK UP 6 X 3.5 DRILL COLLARS WITH 7 7/8 MILL TOOTH BIT, INSTALL WASHINGTON RUBBER, AND PICK UP 2 JNTS OF 2 7/8 TBG AND MAKE UP POWER SWIVEL, DRILL OUT CMT F/269' T/323' WITH 126 GPM AND 400 PSI, (3BBLs MIN RATE) PERFORM SLOW PUMP RATE @ 1 BBLs MIN = 170 PSI, POWER SWIVEL THROTTLE NOT WORKING PROPERLY CALL TOOL COMPANY AND BRING ANOTHER OUT, RIG DOWN SWIVEL LAY DOWN 3 JNTS 2 7/8 TBG BIT @ 226' (INSIDE SURFACE SHOE 244') SECURE WELL AND LOCATION DRAIN PUMP AND LINES
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/4/2019	CREW TRAVEL TO LOCATION REV JSA REV DAILY RIG CHECKLIST, START EQUIPMENT AND CIRC FLUID TO TANK, TIH WITH 3 JNTS 2 7/8 TBG TAG @ 275' PICK UP SWIVEL AND BREAK CIRC AND REAM F/269 T/401' PUMP @ 2.5 BBLs MIN CHECK FOR FLOW (STATIC) 75 RMP 1100 FLBS TRQ, CIRC BTU 2 X DOWN SWIVEL AND TOO H WITH 6 JNTS OF 2 7/8 TBG TO SHOE 229' DRAIN PUMP AND LINES SECURE WELL AND LOCATION / SWAP OUT MUD PUMPS PER BOHLER AND RIG UP SAME AND GROUND
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/5/2019	CREW TRAVEL TO LOCATION REV JSA REV DAILY RIG CHECKLIST, START EQUIPMENT AND CIRC FLUID TO TANK, TIH WITH 6 JNTS 2 7/8 TBG T/382' AND BRK CIRC AND REAM DOWN T/BTM 401' @ 2 BBLs MIN 350 PSI, 1100 FTLBS TRQ, REAM F/401' T/462' POWER SWIVEL BROKE DOWN, TROUBLE SHOOT SWIVEL AND LAY DOWN SAME, TOO H WITH 8 JNTS OF 2 7/8 TBG TO 229', BRING IN NEW STS SWIVEL AND MOVE OUT RMOR SWIVEL, BOTTOM OUT CUTTING TANKS AND CIRC TANK, FILL WITH HOT WATER DRAIN PUMP AND LINES, RIG UP NEW SWIVEL AND MAKE UP TIW AND BURN SUB, HANG LINES, DRAIN PUMP AND LINES PREP FOR COLD WEATHER
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/6/2019	CREW TRAVEL TO LOCATION REV JSA, REV DAILY RIG CHECK LIST, WARM UP EQUIPMENT CIRC TANK TO ITSELF, PICK UP 2 7/8 TBG T/462' BRK CIRC AND CIRC BTU, CONT TO REAM F/462' T/490' WEATHER WAS 1 DEG AND PUMP STARTED TO FREEZE UP AND PUMP LINES BROKE KELLY OFFAND SLUSH CAME OUT, LA Y DOWN SWIVEL AND TOO H WITH 8 JNTS OF 2 7/8 TBG T/229' BLOW DOWN LINES, AND DRAIN PUMP AND WORK STRING FOR FREEZING WEATHER, SECURE WELL AND LOCATION
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/7/2019	CREW TRAVEL TO LOCATION, REV JSA, REV DAILY RIG CHECK LIST, DUE TO SUB ZERO TEMPS, START EQUIPMENT AND ATEMPT TO CIRC COULD NOT CIRC TO TANK DUE TO LINES FREEZING UP , SHUT DOWN DUE TO WEATHER SECURE LOCATION AND WELL
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/8/2019	CREW TRAVEL TO LOCATION, REV JSA, REV DAILY RIG CHECK LIST, WARM UP EQUIPMENT, CIRC TANK BACK TO TANK TIH WITH 2 7/8 TBG TAG @ 420' PICK UP SWIVEL AND BEGING TO CLEAN OUT F/420 T/519' CIRC PSI @ 450 PSI, @ 2 BBLs MIN, TRQ=1100, CIRC BTU DRAIN LINES, TOO H F/519' BLOW OUT STRING, DRAIN PUMP AND LINES SECURE LOCATION AND WELL
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/11/2019	CREW TRAVEL TO LOCATION, REV JSA REV DAILY RIG CHECKLIST, START AND WARM UP EQUIPMENT, CIRC WORK TANK WITH WARM WATER, PICK UP 2 7/8 TBG AND TAG @ 519' NO FILL, CIRC 15 MIN AND CONT TO CLEAN OUT CMT F/519' - T/651' PUMPIG @ 475 PSI @ 2BBLs MIN ROT @ 75 RPM WITH 1150 TRQ 3K WHT ON BIT, AVG ROP 17' HR, CIRC BTU AND TOO H F/651' T/229' BLOW OUT LINES AND STRING, DRAIN PUMP AND LINES, SECURE WELL AND LOCATION
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/12/2019	CREW TRAVEL TO LOCATION , REV JSA, REV DAILY RIG CHECK LIST, REV NOBLE HAND TOOL AWARENESS, START UP EQUIPMENT, TIH WITH 2 7/8 TBG F/229' - 651' KELLY UP AND BREAK CIRC, PUMPING @ 2BBLs MIN @ 400 PSI, BEGIN TO CLEAN OUT CMT F/651' - T/752' STOPPED DRILLING, STRING TRQ UP T/1500 FTLBS NOT MAKING HOLE, DECISION MADE TO TOO H AND CHECK BIT, DOWN SWIVEL WITH A SINGLE, TOO H T/229' SECURE WELL BLOW OUT STRING, DRAIN PUMP AND LINES, SECURE LOCATION
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GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/13/2019	CREW TRAVEL TO LOCATION, REV JSA, REV DAILY RIG CHECK LIST, TOO H WITH DRILL COLLARS AND FOUND BIT #3 CONE LOCKED UP AND #1&2 CONES TEETH BROKEN, BRK BIT AND MAKE UP ANOTHER 7 7/8 BIT, RIH WITH BHA, MAKE UP 2 2 7/8 TBG PUP AND INSTALL WASHINGTON HEAD RUBBER, TIH WITH 2 7/8 TBG T/752' PICK UP SWIVEL AND BRK CIRC AND CONT TO DRILL F/752 T/786, GEAR END CHAIN OILER FOUND BROKEN AND VALVES AND SEATS WASHED, CONT TO DRILL F/786' T/805' CIRC BTU, LAY DOWN SWIVEL AND TOO H F/805' T/229' SECURE WELL AND DRAIN PUMP AND LINES FAN PUMP
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/14/2019	CREW TRAVEL TO LOCATION REV JSA, REV DAILY RIG CHECK LIST, TIH WITH 2 7/8 TBG F/229' T/805' AND CONT TO CLEAN OUT CMT F/805' FOUND GOOSE NECK ON SWIVEL TO BE LEAKING STOPPED AND FIXED XO NIPPLE, CONT TO CLEAN OUT, CIRC @ 3BBLs MIN @ 450 PSI, 75 RPM, 1100 FTLBS TRQ, POWER SWIVEL SHORTING OUT DUE TO FUEL ALARMS, CONT TO DRILL T/900' CIRC BTU AND DOWN SWIVEL, TOO H F/900' T/229' RACK BACK SWIVEL AND SWAP OUT WITH ANOTHER FROM STS, DRAIN PUMP AND LINES, SECURE WELL AND LOCATION,
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/15/2019	CREW TRAVEL TO LOCATION REV JSA, REV DAILY RIG CHECKLIST, TIH W/ 2 7/8 TBG F/ 229' T/900' PICK UP SWIVEL AND BRK CIRC PUMPING @ 2.5 BBLs MIN @ 450 PSI 3K ON WOB, 75 RPM @ 1300 FTLBS, ROP @ 13' HR CLEAN OUT F/ 900' T/ 1000' CIRC BTU DOWN SWIVEL, TOO H F/1000' T/229' BLOW OUT LINES, AND DRAIN PUMP, SECURE WELL AND LOCATION, RACK OUT POWER SWIVEL TO TRAILER,
GILL LAND ASSOC. 22-02	05-123-11023	HORIZONTAL WELL PREP	2/19/2019	CREW TRAVEL TO LOCATION REV JSA, REV DAILY RIG CHECKLIST, DISCUSS HAZARD OF LAYING DOWN DRILL COLLARS, LAY DOWN BHA TO TRAILER, BRK BIT, PICK UP 31 JNTS OF 2 7/8 TBG AND 8' PUP TAG @ 1005', BRK CIRC AND MIRU SLBJ CMT CREW, HPJSM W/CREW AND RIG UP SAME, TEST LINES LOW 400,HIGH 2500 PSI TO LIFT 230 PSI, SECURE PIPE, PUMP 10 BBLs MUD FLUSH FOLLOWED BY 55 BBLs CMT DISP 4 BBLs TO STRING FLOAT, BRK OFF CMT HEAD AND INSTALL ONTO WASH DOWN T, TOO H AND LAY DOWN 2 7/8 TBG TO TRAILER, TOP OFF WELL WITH 3 BBLs CMT, CMT CREW WASH UP AND RIG DOWN, BOTTOM OUT ALL TANKS , RIG DOWN WORK FLOOR, REV JSA NIPPLING DOWN, NIPPLE DOWN 9" BOPE AND PUT ON STUMP, REMOVE 11" FLANGE INSTALL BRADEN HEAD FLANGE AND NIGHT CAP, SECURE WELL RIG DOWN PUMP AND LINES, SECURE LOCATION