

**Job Log**

Date Range	Customer Name	Well Name & Number	County	State	API Number	Rig Company
8/23/2021 to 9/01/2021	Noble Energy	McClellan 03-35	Weld	CO	05-123-24833	Ranger Energy

**8/23/2021** MOVE RIG AND EQUIPMENT TO LOCATION / SPOT IN (SIWP 840/840/46 PSI)

JSA SAFETY MEETING  
RU RIG AND PUMP LINES  
PPERFORM ACC DRAWDOWN TEST AND PRESSURE TEST BOP ON BEAM / PUMP LINES  
\*\*OUT OF BID RIG TIME\*\*STAND BY WHILE RPS FLOW BACK BLOWDOWN WELL PRESSURE THRU ECD  
KILL THE WELL PUMPING DOWN CSG UNTIL CIRCULATING @ 90 BBL (140 BBL TOTAL) (CATCH BUMPER SPRING )  
ND WH / NU STACK AND RU WORK FLOOR  
PRESSURE TEST BOP STACK ON THE WELL  
TOOH STAND BACK 76 JNTS 2-3/8" TBG TO THE DERRICK  
SECURE THE WELL- SDFN  
TRAVEL HOME

**8/24/2021** TRAVEL TO LOCATION

JSA SAFETY MEETING  
0/0/20 PSI (TBG AND CSG ON A VACCUUM)  
PUMP 57 BBL TO BREAK CONVENTIONAL CIRC AND PUMP 70 BBL TOTAL (WELL IS CLEAN)  
TOOH LD 151 JNTS 2-3/8" TBG ON THE TRAILER  
MIRU WL, RIH CIBP #1 AND SET @ 6975', (TRICKLE IN WATER TO LOAD), DUMP BAIL 2 SX CMT = TOC @ 6949'  
LOAD THE WELL SLOWLY W/ 36 BBL TOTAL  
PRESSURE TEST MULTIPLE TIMES AND THE PRESSURE BUILDS SLOWLY (DUE TO HEAT EXPANSION)  
LEAVE THE WELL OPEN TO THE WORK TANK  
MIT START 373 PSI / 5 MIN. 379 PSI / 10 MIN. 387 PSI / 15 MIN. 393 PSI- REPORT TO ENGINEER  
\*\*APPROVED TO PROCEED W/ P&A\*\*, RU WL, RIH & SET CIBP #2 @ 6707', DB 2 SX = TOC @ 6681'  
RIH AND SET CIBP #3 @ 4027' , DB 2 SX= TOC @ 4001'', POOH AND RD WL (STAY SPOTTED IN)  
SECURE THE WELL- SDFN  
TRAVEL HOME

**8/25/2021** TRAVEL TO LOCATION

JSA SAFETY MEETING  
0 PSI ON PROD CSG 15 PSI ON SURFACE CSG  
RU RES WL, RIH AND LOG FROM 3000' - 0' AND FOUND TOC @ 2868'  
RIH AND SHOOT BOTTOM SET OF SQUEEZE PERFS @ 2500', POOH  
ESTABLISH INJECTION RATE 1.33 BPM @ 350 PSI  
RIH AND SHOOT TOP SET OF SQUEEZE PERFS @ 2000', POOH  
MONITOR THE WELL  
RIH 4.5" CIRC AND SET @ 2400', POOH AND RDMO WL (ALL WL RUNS CORRELATED TO CBL)  
JSA SAFETY MEETING  
TIH STINGER & 76 JTS, INSTALL WASH RUBBER, PU 2 JNTS & SOFT TAG CIRC, LD 1 JT & PU 10', 6', 10' PUPS  
ESTABLISH CIRC, STING INTO CIRC AND CONDITION THE WELL 40 BBL  
Mix and pump 10 bbl. Of chemical mud flush  
Pump 5 bbl. Of freshwater lead  
Mix and pump 190 sxs of 15.8# 1.15 cu.ft./sack yield Class G cement, 38.9 bbl. Of slurry  
Displaced 2.5 bbl. Of freshwater to inject 155 sxs, sting out, displaced 4.5 bbl. to balance 35 sxs of cement on top of CIRC  
155 sxs under CIRC: 7.6 sxs is 1.55 bbl. Of slurry, 100' in 4-1/2" from CIRC at 2,400' to perfs at 2,500'  
147.4 sxs in 4-1/2" x 9" OH is 30.19 bbl. Of slurry, 511' in 4-1/2" x 9" OH from perfs at 2,500' to perf at 2,000' with 11' excess  
35 sxs on top of CIRC is 7.17 bbl. Of slurry, 462' in 4-1/2" 11.6# casing, from CIRC at 2,400' to estimated TOC of 1,938'  
TOOH LD SUBS & 14 JNTS= EOT @ 1940'  
REVERSE OUT 30 BBL (STS) AND THEM REMOVE WASH RUBBER  
LD THE REST OF TBG STRING + STINGER 63 JNTS = 227 TOTAL ON THE TRAILER  
CHANGE OVER EQUIPMENT FOR 4.5"  
SECURE THE WELL- SDFN  
TRAVEL HOME

**8/26/2021** TRAVEL TO LOCATION

JSA SAFETY MEETING  
PC -9 PSI / SC 31 PSI, BD AND SHUT IN 1/2 HR AND SC BUILT BACK UP TO 16 PSI  
PRESSURE TEST PC TO 540 PSI= GOOD TEST  
MIRU RES WL, RIH W/ RBL TO 1940' (CMT INSIDE PIPE), LOG OOH AND SEND RESULTS TO ENGINEERS  
WOO  
RIH W/ JET CUTTER, CUT CSG @ 1730', POOH AND RDMO WL ( 24 PSI ON PC AFTER CUT)  
CIRC CONVENTIONAL 2 x STS (244 BBL) @ 2 BPM TO CONDITION THE WELL AND REMOVE GAS/OIL  
RD FLOOR, ND STACK AND REMOVE WH  
UNPACK BH AND WORK TO UNLAND PROD CSG (UNSUCCESSFUL)  
PACK OFF / SECURE THE WELL- SDFN  
TRAVEL HOME

8/27/2021 TRAVEL TO LOCATION

JSA SAFETY MEETING  
-2 PSI ON PROD CSG / 2 PSI ON SURF CSG, BLOW DOWN SURF CSG (LEL DETECTED)  
RU CASING JACKS AND UNLAND PRODUCTION CASING / RD JACKS  
STRIP OVER BOP STACK AND RU WORK FLOOR  
LOAD FLUID TO SURFACE AND MONITOR THE WELL  
CIRCULATE 100 BBL CONVENTIONAL TO CONDITION THE WELL  
TOOH LS 41 JNTS 4-1/2" CSG AND CHANGE EQUIPMENT OVER FOR 2-7/8"  
RU RES WL, RIH W/ OH CALIPER AND GAMMA LOGGER, POOH / RDMO WL  
SECURE THE WELL  
TRAVEL HOME

8/30/2021 TRAVEL TO LOCATION

JSA SAFETY MEETING  
36 PSI- BLOW DOWN TO TANK  
LOAD THE WELL W/ FW TO SURFACE AND MONITOR FLUID FOR MIGRATION  
MIRU "ANYTIME" TESTING EQUIPMENT  
PICK UP AND MAKE UP BHA (OPEN HOLE PACKER)  
TALLY/TEST TUBING IN HOLE 48 JNTS = PACKER ELEMENT @ 1583'-1587'  
RD TESTING EQUIP  
CIRCULATE STS + EXCESS (118 BBL FW TOTAL)  
DROP BALL DOWN TBG, LET FALL TO SEAT, PRESSURE UP 500 PSI / 1000 PSI / 1500 PSI / 1800 PSI TO SET  
MONITOR THE WELL W/ FLUID AT SURFACE FOR SIGNS OF MIGRATION  
DRAIN THE STACK, SECURE THE WELL- SDFN  
TRAVEL HOME

8/31/2021 TRAVEL TO LOCATION

JSA SAFETY MEETING  
43 PSI ON TBG / 5 PSI ON SURFACE CSG- BLOW DOWN  
MONITOR THE WELL (TBG AND CSG), WOO FROM ENGINEERS  
WORK TO RELEASE OPEN HOLE PACKER  
CIRCULATE CONVENTIONAL 16 BBL THRU WASH PORTS  
GOT PACKER RELEASED (LET ELEMENT RELAX)  
INSTALL WASHINGTON RUBBER, TOOH SB 28 JNTS / LD 20 JNTS (REMOVE WR AND LD BHA)  
TIH SN/NC + 29 JNTS 2-7/8"= EOT @ 952'  
Establish circulation with 2 bbl. Of freshwater, Mix and pump 10 bbl. Of chemical mud flush  
Pump 5 bbl. Of freshwater lead  
Mix and pump 100 sxs of 15.8# 1.15 cu.ft./sack yield Class G cement with 2% CaCl2 BWOC, 20.48 bbl. Of slurry  
Displaced 3.3 bbl. Of freshwater to balance cement from 964' (952' KB) - 664' (652' KB)  
RD valve, wash out pump to cement tank  
TOOH SB 18 JNTS, LD 11 JNTS  
LOAD THE WELL SLOWLY W/ FW TO GROUND LEVEL  
SECURE THE WELL- SDFN  
TRAVEL HOME

9/1/2021 TRAVEL TO LOCATION

JSA SAFETY MEETING  
-3 PSI (WELL IS ON A VACUUM), LOAD W/ FW 1 BBL  
MONITOR THE WELL 1 HR (WELL IS STATIC)  
TIH SN/NC AND TAG W/ THE START OF JNT 23= TOC @ 738', LD TAG JNT EOT 738' JUST OFF OF TOC  
JSA SAFETY MEETING  
Establish circulation with 2 bbl. Of freshwater, Mix and pump 10 bbl. Of chemical mud flush  
Pump 5 bbl. Of freshwater lead  
Mix and pump 257 sxs of 15.8# 1.15 cu.ft./sack yield Class G cement, 52.64 bbl. Of slurry to surface  
RD valve, wait for rig to TOH, NDBOP, Top off well with 15 sxs of 15.8# 1.15 cu.ft./sack yield Class G cement, 3.07 bbl.  
Total of 272 sxs of 15.8# 1.15 cu.ft./sack yield Class G neat cement pumped from 738' to 0'  
TOOH LD TBG  
RD WORK FLOOR, ND BOP STACK  
TOP OFF THE WELL 15 SX CMT TO SURFACE = 272 TOTAL SX USED FOR THE JOB, WASH UP AND RD CMT EQUIP  
SECURE THE WELL W/ NIGHT CAP  
RD RIG  
JSA SAFETY MEETING  
RACK OUT PUMP LINES  
CLEAN UP LOCATION- JOB COMPLETE  
TRAVEL TO YARD