

US ROCKIES REGION
Operation Summary Report

Well: BRANDT USX WW13-10

Spud date: 11/18/2006

Project: COLORADO-WELD-NAD83-UTM13

Site: BRANDT USX WW13-10

Rig name no.: BASIC 1524/1524

Event: CONST- CAP WELL WORK

Start date: 12/13/2018

End date:

Active datum: RKB @5,063.99usft (above Mean Sea Level)

UWI: NW/SE/0/1/N/66/W/13/0/0/6/PM/S/2,164.00/E/0/2,164.00/0/0

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD from (usft) | Operation |
|------------|-------------------|------------------|--------|------|-------------|-----|-------------------|--|
| 12/17/2018 | 8:00 - 11:00 | 3.00 | LOCPRP | 53 | B | P | | MILLER HFI INSTALL A STRING FENCE AND USED SKID STEER TO LEVEL FOR BASE BEAM. |
| 12/18/2018 | - | | | | | | | |
| 12/19/2018 | 7:00 - 7:30 | 0.50 | WO/REP | 30 | G | P | | CREW TO RIG LOCATION AFTER COMPANY SAFETY MEETING |
| | 7:30 - 10:00 | 2.50 | WO/REP | 30 | A | P | | ROAD RIG, HAUL EQUIP AND RIG UP ON LOCATION |
| | 10:00 - 12:00 | 2.00 | WO/REP | 52 | G | P | | PRESSURE TEST BOPS ON STUMP UNABLE TO TEST ON WELLHEAD |
| | 12:00 - 13:30 | 1.50 | WO/REP | 30 | E | P | | BLEW DWN AND CONTROL WELL W/ COMP FLUID |
| | 13:30 - 14:30 | 1.00 | WO/REP | 30 | F | P | | NDWH NUBOP W/ FUNCTION AND PRESSURE TESTED 2.375" PIPE RAMS AND BLIND RAMS (UNABLE TO PULL TBG DO TO HIGH WINDS) |
| | 14:30 - 15:00 | 0.50 | WO/REP | 30 | I | P | | DRAIN PUMP AND LINES, WINTERIZE RIG AND WELLHEAD |
| | 15:00 - 16:00 | 1.00 | WO/REP | 30 | G | P | | CREW TO YARD |
| 12/20/2018 | 6:00 - 6:30 | 0.50 | WO/REP | 30 | G | P | | CREW TO LOC |
| | 6:30 - 7:00 | 0.50 | WO/REP | 48 | B | P | | HELD SAFETY MEETING START EQUIP |
| | 7:00 - 7:00 | 0.00 | WO/REP | 52 | I | P | | TBG/CSG=30 SC=0 PSI OPENT TO ATMOS |
| | 7:00 - 9:00 | 2.00 | WO/REP | 31 | I | P | | TOOH W/ PROD TBG STANDING BACK |
| | 9:00 - 11:00 | 2.00 | WO/REP | 31 | I | P | | TIH W/ 4.5" WLTC RBP SET @ 8040' W/ 244 JNTS |
| | 11:00 - 11:30 | 0.50 | WO/REP | 31 | H | P | | DUMP AND SPOT 2 SKS SAND ON RBP W/ 28 BBLS FLUID LOAD CSG AND BG |
| | 11:30 - 11:45 | 0.25 | WO/REP | 52 | G | P | | PRESSURE TEST CSG/RBP TO 500# GOOD TEST |
| | 11:45 - 13:45 | 2.00 | WO/REP | 31 | I | P | | TOOH W/ TBG STANDING BACK LAYING DOWN 28 JNTS |
| | 13:45 - 15:00 | 1.25 | WO/REP | 30 | F | P | | NDBOP NDWH INSTALL REMAN 5K WELLHEAD NUBOP |
| | 15:00 - 16:45 | 1.75 | WO/REP | 31 | I | P | | PU 4.5" RBP TIH SET @ 7100' UNLATCH FROM RBP SECURE WELL SDFN |
| | 16:45 - 17:15 | 0.50 | WO/REP | 30 | I | P | | DRAIN PUMPS AND LINES WINTERIZE RIG |
| | 17:15 - 18:00 | 0.75 | WO/REP | 30 | G | P | | CREW TO YARD |
| 12/21/2018 | 6:00 - 6:45 | 0.75 | WO/REP | 30 | G | P | | CREW TO LOC |
| | 6:45 - 7:15 | 0.50 | WO/REP | 48 | B | P | | HELD SAFETY MEETING START EQUIP |
| | 7:15 - 7:15 | 0.00 | WO/REP | 52 | I | P | | TBG/CSG=0 SC=0 OPEN TO ATMOS |
| | 7:15 - 7:45 | 0.50 | WO/REP | 31 | H | P | | CIRCULATE WELLBORE CLEAN |
| | 7:45 - 8:00 | 0.25 | WO/REP | 52 | G | P | | PRESSURE TEST RBP/CSG TO 500# GOOD TEST |
| | 8:00 - 8:15 | 0.25 | WO/REP | 31 | H | P | | DUMP SAND DOWN TBG AND SPOT ON RBP W/ 26 BBLS OF FLUID |
| | 8:15 - 8:30 | 0.25 | WO/REP | 31 | I | P | | LD 4 JNTS OF TBG LEAVING EOT @ 6931' |
| | 8:30 - 9:15 | 0.75 | WO/REP | 31 | Y | P | | BROACH TBG TO XN NIPPLE W/ 1.90" BROACH |
| | 9:15 - 10:00 | 0.75 | WO/REP | 30 | J | P | | NDBOP NUWH LAND TBG W/ MANDREL @ 6931' W/ 211 JNTS, XN NIPPLE AND RBP RETRIEVING HEAD |
| | 10:00 - 11:00 | 1.00 | WO/REP | 52 | G | P | | HAND TORQUE WELLHEAD HYDROTEST TO 5000# GOOD TEST |
| | 11:00 - 12:00 | 1.00 | WO/REP | 30 | C | P | | INSTALL ALL PLUGS, INSTALL WH FENCE RDMO |