

US ROCKIES REGION
Operation Summary Report

Well: PSC 34-34

Spud date: 3/19/1994

Project: COLORADO-WELD-NAD83-UTM13

Site: PSC 34-34

Rig name no.: ENSIGN 320/320

Event: ABANDONMENT

Start date: 12/16/2015

End date: 1/14/2016

Active datum: RKB @4,759.99usft (above Mean Sea Level)

UWI: 0/4/N/67/W/34/0/SESW/6/0/0/0/0/0/0

| Date | Time Start-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD from (usft) | Operation |
|------------|-------------------|------------------|--------|------|-------------|-----|-------------------|---|
| 12/16/2015 | 12:30 - 13:30 | 1.00 | ABANDP | 30 | A | P | | ROAD RIG AND EQUIPMENT TO LOCATION. |
| | 13:30 - 14:30 | 1.00 | ABANDP | 30 | A | P | | R/U RIG AND EQUIPMENT |
| | 14:30 - 15:30 | 1.00 | ABANDP | 30 | E | P | | TP-500 PSI, CP-500 PSI, SCP-200 PSI, CONTROL WELL W/ 40 BBLs, N/D PROD/TREE, N/U BOP STACK. |
| | 15:30 - 17:00 | 1.50 | ABANDP | 31 | I | P | | TALLY TOOH 216 JTS, SWI, DRAIN EQUIPMENT, SDFN. |
| 12/17/2015 | 6:00 - 7:00 | 1.00 | ABANDP | 30 | G | P | | CREW TRVL TO LOCATION, HELD A SAFETY MEETING. |
| | 7:00 - 9:00 | 2.00 | ABANDP | 34 | I | P | | START AND WARM UP EQUIPMENT, MIRU WARRIOR WIRELINE, RUN GAUGE RING TO 6850' POOH, RIH W/ CIBP AND SET IT @ 6730', POOH RDMO W/L. |
| | 9:00 - 11:30 | 2.50 | ABANDP | 31 | I | P | | MIRU ANYTIME TESTING AND HYDRO TEST IN HOLE W/2.06 TBG TO 3000PSI TO TOP OF CIBP AT 6730', RDMO TESTER. |
| | 11:30 - 12:15 | 0.75 | ABANDP | 31 | H | P | | R/U CIRCULATING EQUIPMENT, ESTABLISH CIRCULATION AND ROLL GAS OUT AND PRESSURE TEST CIBP TO 1000 PSI. |
| | 12:15 - 13:00 | 0.75 | ABANDP | 51 | D | P | | MIRU SANJEL TO MIX AND PUMP 25 SX OF TERNAL 35 MIX AT 16.6 PPG AND 1.51 CF/SK, RDMO CEMENT CREW |
| | 13:00 - 15:30 | 2.50 | ABANDP | 31 | I | P | | POOH 28 JTS, REVERSE CIRCULATION, L/D 188 JTS ON PIPE TRAILER. |
| | 15:30 - 16:00 | 0.50 | ABANDP | 37 | I | P | | MIRU WARRIOR WIRELINE, RIH AND SHOOT CIRCULATING HOLES @4280', POOH RDMO W/L. |
| | 16:00 - 17:30 | 1.50 | ABANDP | 31 | H | P | | ESTABLISH CIRCULATION DOWN 3.5 CSG OUT 8.63 SC, CIRCULATE GAS OUT W/ 100 BBLs OF WATER. SWI, DRAIN EQUIPMENT, SDFN. |
| | 17:30 - 18:30 | 1.00 | ABANDP | 30 | G | P | | CREW TRAVEL |
| | 6:00 - 7:00 | 1.00 | ABANDP | 30 | G | P | | CREW TRAVEL TO LOCATION, HELD A SAFETY MEETING. |
| 12/18/2015 | 7:00 - 9:00 | 2.00 | ABANDP | 31 | H | P | | WARM UP EQUIPMENT, ESTABLISH CIRCULATION DOWN 3.5 CSG OUT SURFACE CSG, CIRCULATE GAS OUT. |
| | 9:00 - 12:30 | 3.50 | ABANDP | 51 | D | P | | MIRU SANJEL CEMENT CREW TO MIX AND PUMP 230 SX OF CLASS G CEMENT MIX AT 15.8 PPG AND 1.15 CF/SK, DROP WIPER PLUG AND DESPLACE IT W/ 35 BBLs OF WATER. SWI w/ 160 PSI, R/D SANJEL AND DRAIN ALL EQUIPMENT. |
| | 12:30 - 13:30 | 1.00 | ABANDP | 34 | I | P | | MIRU WARRIOR WIRELINE , RIH WITH WEIGHT BARS AND TAG WIPER PLUG @ 3710' AND POOH, RIH W/ JET CUTTER AND CUT 3.5 CSG @ 800', POOH RDMO. |
| | 13:30 - 14:30 | 1.00 | ABANDP | 31 | I | P | | R/U CIRCULATING EQUIPMENT AND ESTABLISH CIRCULATION, CIRCULATE GAS OUT. |
| | 14:30 - 16:30 | 2.00 | ABANDP | 31 | I | P | | UN-LAND 3.5 CSG, N/U 3.5 EQUIPMENT, L/D CSG ON TBG TRAILER, C/O EQUIPMENT TO 2.06 TBG, TIH W/ 28 JTS TO 900'. |
| | 16:30 - 17:00 | 0.50 | ABANDP | 31 | H | P | | SPOT 40 BBLs OF 9.0 PPG MUD. |

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|------------|-------------------|------------------|--------|------|-------------|-----|-------------------|--|
| 12/19/2015 | 17:00 - 19:30 | 2.50 | ABANDP | 51 | D | P | | MIRU SANJEL, MIX AND PUMP 300 SX OF TYPE 3 CEMENT MIX AT 14.8 PPG AND 1.33 CF/SK, RDMO CEMENT CREW, POOH W/ TBG TO 100' AND REVERCE CIRCULATION, L/D REST OF TBG AND SWI, DRAIN EQUIPMENT, SDFN CREW TRAVEL. |
| | 19:30 - 20:30 | 1.00 | ABANDP | 30 | G | P | | |
| | 6:00 - 7:00 | 1.00 | ABANDP | 30 | G | P | | CREW TRAVEL TO LOCATION, HELD A SAFETY MEETING. |
| | 7:00 - 8:30 | 1.50 | ABANDP | 31 | 1 | | | RIH AND TAG CEMENT AT 100', POOH, N/D TBG EQUIPMENT AND BOP STACK |
| | 8:30 - 9:30 | 1.00 | ABANDP | 34 | I | P | | MIRU WIRELINE, RIH W/CIBP AND SET IT AT 80' IN 8.63 CSG, PRESSURE TEST IT TO 1000PSI FOR 15 MIN, HELD GOOD |
| 1/14/2016 | 9:30 - 12:30 | 3.00 | ABANDP | 30 | C | P | | R/D RIG PUMP AND LINES, DRAIN EQUIPMENT, SDFD, RIG SHUT DOWN FOR HOLIDAY SEASON. |
| | 12:30 - 13:30 | 1.00 | ABANDP | 30 | G | P | | CREW TRAVEL. |
| | 6:00 - 7:00 | 1.00 | ABANDP | 53 | B | P | | crew travel, Redzone |
| | 7:00 - 8:00 | 1.00 | ABANDP | 53 | B | P | | dug up surface casing |
| | 8:00 - 9:00 | 1.00 | ABANDP | 53 | C | P | | cut casing 6' below GL., tagged @ 70' |
| | 9:00 - 10:00 | 1.00 | ABANDP | 53 | B | P | | filled casing stub with 33 bags 5000 psi cement |
| | 10:00 - 11:00 | 1.00 | ABANDP | 53 | A | P | | capped casing with a metal plate containing well info |
| | 11:00 - 12:00 | 1.00 | ABANDP | 53 | B | P | | backfilled |
| | 11:00 - 11:00 | 0.00 | ABANDP | 50 | | P | | P&A'd OFFLINE. NBCD |