

Confluence Resources
Penrod 4-15 1
05-001-08266
SW/SE Sec 4-1S-65W
P&A

Report date 8/17/2018
Operations date 8/16/2018
Day 1
Current status: Rigged up Brigade 12
Summary: MIRU Brigade 12
24 hr forecast: TOO. Run gyro. Set CIBP. Perf. Set retainer.
15:00 17:00 MIRU Brigade Rig 12.
17:00 18:00 Crew travel.

Report date 8/18/2018
Operations date 8/17/2018
Day 2
Current status: Rigged up Brigade 12
Summary: Execute BH test. Kill well. ND NU. TOO. Run gyro.
RU KLX. Set CIBP @ 7896'. Dump bail cmt. Load csg.
24 hr forecast: Test csg. Shoot squeeze holes. Set retainer.
TIH w/stinger & hydrotest. Squeeze above Niobrara.
6:00 7:00 Crew travel. Safety meeting.
7:00 8:00 Execute bradenhead test.
8:00 10:00 Kill well. ND well head. NU BOP.
10:00 12:30 TOO w/tbg. LD 30 jts.
12:30 16:30 RU CoreTech & run gyro.
16:30 18:30 RU KLX. Set 3 1/2" CIBP @ 7896'. Dump bail 2
sks cmt on CIBP. Load csg.
18:30 19:30 Crew travel.

Report date 8/21/2018
Operations date 8/20/2018
Day 3
Current status: Rigged up Brigade 12
Summary: Test csg to 500 Psi. Ok. RU KLX & shoot squeeze holes @ 7000'.
Set retainer @ 6940'. PU stinger & hydrotest tbg in hole.
Squeeze w/120 sks G cmt. TOO.
24 hr forecast: Run CBL. Shoot squeeze holes @ 2500'. Set retainer. PU stinger
& TIH. Squeeze. TOO. Cmt Fox Hills.
6:00 7:00 Crew travel. Safety meeting.
7:00 7:30 Test csg to 500 psi. OK.
7:30 10:00 RU KLX. Shoot 8 - 0.29" squeeze holes @ 7000'.
Set retainer on wireline @ 6940'.
10:00 14:30 RU Pick Testers & hydrotest tbg to 6000 psi
while TIH. Split 1 jt tbg. Tag retainer & space out.
Test annulus to 500 psi. Had trouble stinging into

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retainer. Tested OK.

14:30	3:30 RU C&J Cementers. Safety meeting. Pump 10 bbls water at 1700 psi @ 1.7 bpm, pump 10 bbls sapp, 5 bbls water. Pump 120 sks G cmt mixed 15.8 #/gal yield 1.15 cuft/sk Displace with 19.5 bbls. Sting out of retainer & spot 1 bbl cement on top of retainer.
15:30	16:30 LD 4 jts tbg. Reverse 1.5 bbls cement out of well.
16:30	18:30 TOO. Std back 35 stds. LD remaining tbg. SI. SDFN.
18:30	19:30 Crew travel.

Report date 8/22/2018
Operations date 8/21/2018
Day 4
Current status: Rigged up Brigade 12
Summary: Run CBL. Shoot squeeze holes @ 2500'. Set retainer @ 2450'. PU stinger & TIH. Squeeze perms w/ 50 sks G cmt. LD tbg. Spot balanced plug from 1426' to 940'. LD tbg. SI. SDFN.
24 hr forecast: Tag cmt plug top. Land tbg @ 780'. Cement from 780' to surface. LD tbg. ND BOP. Top off cmt. RDMO.

6:00	7:00 Crew travel. Safety meeting.
7:00	11:00 RU KLX & run CBL from 6754' to 6550'. Good cmt from 6754' to 6664'. Run CBL from 1400' to surface. Poor cmt from 1380' to 78'. Shoot 4 - .29" squeeze holes @ 2500'. Set retainer on wireline @ 2450'.
11:00	12:00 PU stinger & TIH. Tag CCR & space out tbg.
12:00	12:30 Test annulus to 500 psi. Retainer. Tested OK.
12:30	13:15 RU C&J Cementers. Safety meeting. Pump 10 bbls water at 1700 psi @ 1.7 bpm. Pump 50 sks G cmt mixed 15.8 #/gal yield 1.15 cuft/sk displace with 9.5 bbls. Sting out of retainer & spot 1 bbl cement on top of retainer.
13:15	14:30 LD tbg. PU mule shoe & TIH w/42 jts to land @ 1426'.
14:30	14:45 RU C&J Cementers. Safety meeting. Pump 10 bbls water. Pump 20 sks G cmt mixed 15.8 #/gal Yield 1.15 cuft/sk. Displace w/2.8 bbls water to balance plug. 1426' to 940'.
14:45	15:30 LD tbg. SI. SDFN.
15:30	16:30 Crew travel.

Report date 8/23/2018
Operations date 8/22/2018
Day 5
Current status: Rigged up Brigade 12
Summary: TIH & tag cmt top @ 974'. LD 5 jts tbg to land with 23 jts @ 780'.

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Cement from 780' to surface. LD tbg. Top off cmt. RDMO
24 hr forecast: Rig released.

6:00	7:00 Crew travel. Safety meeting.
7:00	8:00 PU mule shoe & TIH with tbg to tag cmt top @ 974'. LD tbg to land with 23 jts tbg @ 780'.
8:00	9:00 Wait on water.
9:00	9:30 RU C&J Cementers. Safety meeting. Pump 5 bbls water. Pump 35 sks cmt to circ cmt to surf.
9:30	10:00 LD tbg.
10:00	10:15 ND BOP.
10:00	10:15 Top off well with 3 sks cmt.
10:15	13:30 RDMO.
13:30	14:30 Road rig to yard.

8/23/2018 Dig out wellhead. Cut off 3 1/2" production csg and 8 5/8" surface
csg 6' below ground level. Top off 3 1/2" x 8 5/8" with 19 sx
cement. Weld on steel plate cap with label. Obtain lat/long.
Backfill. Job complete. Final report.
Dig up and remove entire flowline.