

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109

BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found.
Step 2. Sample flow at intermediate or surface casing pressure >25 psi. In sensitive areas, 1 psi.
Step 3. Conduct Bradenhead test.
Step 4. Conduct intermediate casing test.
Step 5. Send report to BLM within 30 days and to OGCC within 60 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid samples if sampled.

1. OGCC Operator Number: 10367
2. Name of Operator: S & D LLC
3. BLM Lease No: _____
4. API Number: _____ 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: DAN KISSER Number: 1-9
7. Location (OrOr, Sec, Twp, Rng, Meridian): SESE SEC 9 - T4S - R6W
8. County: ARAPAHOE 9. Field Name: 16130
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian
11. Date of Test: 4/15/19
12. Well Status: ☐ Flowing ☒ Shut In
☐ Gas Lift ☐ Pumpjack ☐ Injection
☐ Clock/Intermittent ☒ Plunger Lift
13. Number of Casing Strings: ☒ Two ☐ Three ☐ Liner?
14. STEP 1: EXISTING PRESSURES
Record all pressures as found
Tubing: 320 Fm: _____
Prod. Casing: 380 Fm: _____
Intermediate Csg: _____
Surface Casing: 380
15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST
Buried valve? ☒ Yes ☐ No Confirmed open? ☒ Yes ☐ No
With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve if no intermediate casing, monitor only the production casing and tubing pressures. Record pressures at five minute intervals. Define characteristics of flow in "Bradenhead Flow" column using letter designations below.
O = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whirlpool; S = Surge; G = Gas
BRADENHEAD SAMPLE TAKEN? ☐ Yes ☒ No ☐ Gas ☐ Liquid
Character of Bradenhead fluid: ☐ Clear ☐ Fresh
☐ Sulphur ☐ Salty ☐ Black
☐ Other (specify): _____
Sample cylinder number: _____
Note instantaneous Bradenhead PSIG at end of test: 0

| Elapsed Time (Min Sec) | Tubing | Prod. Casing PSIG | Intermediate Casing PSIG | Bradenhead Flow |
|------------------------|------------|-------------------|--------------------------|-----------------|
| 00: | | | | |
| 05: | <u>320</u> | <u>380</u> | | <u>0</u> |
| 10: | <u>320</u> | <u>380</u> | | <u>0</u> |
| 15: | <u>320</u> | <u>380</u> | | <u>0</u> |
| 20: | <u>320</u> | <u>380</u> | | <u>0</u> |
| 25: | <u>320</u> | <u>380</u> | | <u>0</u> |
| 30: | <u>320</u> | <u>380</u> | | <u>0</u> |

17. STEP 4: INTERMEDIATE CASING TEST
Buried valve? ☐ Yes ☐ No Confirmed open? ☐ Yes ☐ No
With gauges monitoring production casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals. Characterize flow in "Intermediate Flow" column using letter designations below.
O = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whirlpool; S = Surge; G = Gas
INTERMEDIATE SAMPLE TAKEN? ☐ Yes ☐ No ☐ Gas ☐ Liquid
Character of Intermediate fluid: ☐ Clear ☐ Fresh
☐ Sulphur ☐ Salty ☐ Black
☐ Other (specify): _____
Sample cylinder number: _____
Note instantaneous Intermediate Casing PSIG at end of test: _____

| Elapsed Time (Min Sec) | Tubing | Prod. Casing PSIG | Intermediate Casing PSIG | Intermediate Flow |
|------------------------|--------|-------------------|--------------------------|-------------------|
| 00: | | | | |
| 05: | | | | |
| 10: | | | | |
| 15: | | | | |
| 20: | | | | |
| 25: | | | | |
| 30: | | | | |

18. Comments: CONTINUE TEST FOR 1hr. Total - same results

19. STEP 5: See instructions above.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed by: SCOTT Title: CONTRACTOR Phone: 303 881 2482Signed: SCOTT Title: PARTNER Date: 4/15/19

WITNESSED BY: _____ Title: _____ Agency: _____