

FORM 17 Rev 6/99

State of Colorado

Energy & Carbon Management Commission

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BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found. Step 2. Sample now. If 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 3 days and to ECMC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid analyses if sampled.

1. ECMC Operator Number: 47120 3. BLM Lease No:
2. Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP
4. API Number; 05-123-29766-00 5. Multiple completion? Yes No
6. Well Name: DOLPH Number: 23-1
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSE,1,2N,66W,6
8. County WELD 9. Field Name: WATTENBERG
10. Minerals: Fee State Federal Indian

11. Date of Test: 09/05/2017
12. Well Status: Flowing Shut In Gas Lift Pumping Injection Clock/Intermitter Plunger Lift
13. Number of Casing Strings: Two Three Liner?

14. EXISTING PRESSURES

Table with 6 columns: Record all pressures as found, Tubing: Fm: , Tubing: Fm: , Prod Csg 1563, Intermediate, Surf. Csg 0

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 = Whisper; S = Surge; G = Gas

Table with 6 columns: Elapsed Time (Min:Sec), Fm: Tubing, Fm: Tubing, Prod Csg PSIG, Intermedia Csg PSIG, Bradenhead Flow: DOWN TO 0

BRADENHEAD SAMPLE TAKEN? Yes No Gas Liquid
Character of Bradenhead fluid: Clear Fresh Sulfur Salty Black
Other:(describe)
Sample cylinder number:
Instantaneous Bradenhead PSIG at end of test: > 0

INTERMEDIATE CASING TEST

Buried valve? Yes No
Confirmed open? Yes No
With gauges monitoring production, intermediate 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 = Whisper; S = Surge; G = Gas

Table with 6 columns: Elapsed Time (Min:Sec), Fm: Tubing, Fm: Tubing, Prod Csg PSIG, Intermedia Csg PSIG, Bradenhead Flow:

INTERMEDIATE SAMPLE TAKEN? Yes No Gas Liquid
Character of Intermediate fluid: Clear Fresh Sulfur Salty Black
Other:(describe)
Sample cylinder number:
Instantaneous Intermediate Casing PSIG at end of test: >

Comments: MASTER VALVE WAS SHUT. SURFACE CASING PRODUCED NO FLUIDS. SURFACE CASING SHUT IN FOR 15 MIN ENDED WITH 0 PSI.

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

Test Performed By: Phil Reigenborn Title: _____ Phone: (720) 383-5311

Signed: Samantha Petite Title: Regulatory Compliance Date: 9/14/2017

Witnessed By: _____ Title: _____ Agency: _____