

Renegade Oil & Gas Company LLC, Rhine 21-29 1
005-06919

Inspection #688307761

4/30/2020

Annual Bradenhead Test Inspection



COLORADO

**Oil & Gas Conservation
Commission**

Department of Natural Resources

**RENEGADE
OIL & GAS COMPANY**
(303) 680-4725

#1 Rhine 21-29
NENW Sec 29, T5S, R62W
Arapahoe County, Colorado

Colorado Oil and Gas Conservation Commission

39.60016, -104.34605, 103°

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Colorado Oil and Gas Conservation Commission
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State of Colorado
Oil and Gas Conservation Commission
BRADENHEAD TEST REPORT

FORM 17
Rev. 8/08
1120 Lincoln Street, Suite 301, Denver, Colorado 80202 Phone: (303) 866-2100 Fax: (303) 866-2100

Document Number: 402382906

1. OGCC Operator Number: 74165
2. Name of Operator: RENEGADE OIL & GAS COMPANY LLC
3. SLUR Lease No.:
4. API Number: 05-005-58919-00
5. Multiple completion: ☐ Yes ☒ No
6. Well Name: RHINE 21-28
7. Location (Grd. Sec. Twp. Rng. Meridian): NE1/4, 26.55, 62W, 6
8. County: ARAPAHO
9. Field Name: CHNOCK
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian
11. Date of Test: 04/30/2020
12. Well Status: ☐ Flowing ☐ Gas LR ☐ Import ☒ Pumping ☐ Cuck/Intermittent ☐ Plunger Lift
13. Number of Casing Strings: ☒ Two ☐ Three ☐ Linear?

14. EXISTING PRESSURES
Record all pressures as found: Tubing: ☐ Prod Csg: ☐ Intermediate: ☐ Surf. Csg: ☐
Fm. JSND Fm. JSND Fm. JSND Fm. JSND

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 O; V = Vapor; H = Water H₂O; M = Mud; W = Whimper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Surf. Tubing	Prod Csg	Intermediate Csg	Bradenhead Flow
00:00				
05:00				
10:00				
15:00				
20:00				
25:00				
30:00				

Instantaneous Bradenhead PSIG at end of test: 0

BRADENHEAD SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid
Character of Bradenhead fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black
Other (describe):
Sample cylinder number:

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 O; V = Vapor; H = Water H₂O; M = Mud; W = Whimper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Surf. Tubing	Prod Csg	Intermediate Csg	Intermediate Flow
00:00				
05:00				
10:00				
15:00				
20:00				
25:00				
30:00				

INTERMEDIATE SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid
Character of Intermediate fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black
Other (describe):
Sample cylinder number:

Instantaneous Intermediate PSIG at end of test: 0

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Date Run: 4/29/2020 Doc: [402382906]

Comments: Bradenhead test performed on the phone 21-29 #1 as required per adoption of COGCC rule to test all wells located in Arapahoe County. Initial test completed on 05/29/2019.

COGCC RECEPTION

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

Test Performed By: Matthew Ingve

Signed: Edward Ingve

Witnessed By: *Shawn J...*

Title: Field Engineer

Title: Manager/Owner

Title: Field Inspector

Phone: (303) 947-3948

Date:

Agency: COGCC

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