

FORM

21

Rev
08/14

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402029176

Date Received:

MECHANICAL INTEGRITY TEST

1. Duration of the pressure test must be a minimum of 15 minutes.
2. An original pressure chart must accompany this report if this test was not witnessed by an OGCC representative.
3. For production wells, test pressures must be at a minimum of 300 psig.
4. New injection wells must be tested to maximum requested injection pressure.
5. For injection wells, test pressures must be at least 300 psig or average injection pressure, whichever is greater.
6. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
7. Do not use this form if submitting under provisions of Rule 326.a(1)B. or C.
8. Written OGCC notification must be provided 10 days prior to the test via Form 42, Field Operations Notice
9. Packers or bridge plugs, etc., must be set within 100 feet of the perforated interval to be considered a valid test.

Complete the Attachment

Checklist

OP OGCC

| | | | | |
|--|---------------------------------|--------------------|--|--|
| OGCC Operator Number: 96155 | Contact Name: Daniel Holmen | Pressure Chart | | |
| Name of Operator: WHITING OIL & GAS CORPORATION | Phone: (970) 437-4120 | Cement Bond Log | | |
| Address: 1700 BROADWAY STE 2300 | | Tracer Survey | | |
| City: DENVER State: CO Zip: 80290 Email: daniel.holmen@whiting.com | | Temperature Survey | | |
| API Number: 05-123-43118 | OGCC Facility ID Number: 445581 | Inspection Number | | |
| Well/Facility Name: Horsetail | Well/Facility Number: 30H-1948 | | | |
| Location QtrQtr: SENE Section: 30 Township: 10N Range: 57W Meridian: 6 | | | | |

☒ SHUT-IN PRODUCTION WELL ☐ INJECTION WELL Last MIT Date: _____

Test Type:

☒ Test to Maintain SI/TA status ☐ 5-Year UIC ☐ Reset Packer

☐ Verification of Repairs ☐ Annual UIC TEST

☐ Describe Repairs or Other Well Activities: _____

| Wellbore Data at Time of Test | | | | Casing Test Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth. Bridge Plug or Cement Plug Depth 13812 |
|-------------------------------|---------------------|--------------------|-------------------|--|
| Injection Producing Zone(s) | Perforated Interval | Open Hole Interval | | |
| | NP | | | |
| Tubing Casing/Annulus Test | | | | |
| Tubing Size: | Tubing Depth: | Top Packer Depth: | Multiple Packers? | |
| | | | | |

Test Data (Use -1 for a vacuum)

| Test Date | Well Status During Test | Casing Pressure Before Test | Initial Tubing Pressure | Final Tubing Pressure |
|----------------------------|--------------------------|-----------------------------|----------------------------|-----------------------|
| 05-13-2019 | SHUT -IN | 0 | | |
| Casing Pressure Start Test | Casing Pressure - 5 Min. | Casing Pressure - 10 Min. | Casing Pressure Final Test | Pressure Loss or Gain |
| 348 | 347 | 347 | 346 | -2 |

Test Witnessed by State Representative? ☐ OGCC Field Representative _____

OPERATOR COMMENTS:

MIT DUC well. Initial pressure 0, pressured up and tested, passed. Bleed back to 0.

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

Signed: _____ Print Name: Bethany Kerley
Title: Engineering Tech III Email: bethany.kerley@whiting.com Date: _____

Based on the information provided herein, this Notice (Form 21) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|---------------------------|
| 402109909 | FORM 21 ORIGINAL |
| 402109921 | MECHANICAL INTEGRITY TEST |

Total Attach: 2 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)