

Witn



## M - COGC Colorado Bradenhead Test Report

SCANNED

Lease # 02432530 *N/A* Well Name/Number: *Miller 32-6-10 No.1* API # *3004527853*

CA # *N/A* Fm ( ) Operator: *Bp* Critical Area: Date: *10-22-09*

CA # Fm ( ) Q/Q: *SENE* SEC: *10* Twn: *32* Rng: *06* Fed / Ind / State / Fee / Mine

Well Status (circle one): *Flowing* Shut-in Clock/Intermittent Gas Lift *Pumping* Injection Plunger Lift

Number of Casing Strings (circle one): *Two* Three Liner

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, 5 PSI.)

STEP 3: BRADENHEAD TEST

Buried Valve? *No* Confirmed open? \_\_\_\_\_

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 pressure.) Record pressures at five minute intervals. Define characteristic of flow in "Bradenhead Flow" column  
O = No flow; C = Continuous; D = Down to 0; V = Vapor;

| BRADENHEAD SAMPLE TAKEN (circle) |           |       |              |
|----------------------------------|-----------|-------|--------------|
| Yes                              | <i>No</i> | Gas   | Liquid       |
| Character of Bradenhead Fluid:   |           |       |              |
| Clear                            | Fresh     | Salty | Sulfur Black |
| Sample Cylinder Number:          |           |       |              |

| STEP 1:                       | Tubing Fm ( ) | Tubing Fm ( ) | Production Casing Fm ( ) | Interm Casing | Surface Casing |
|-------------------------------|---------------|---------------|--------------------------|---------------|----------------|
| Record all pressures as found |               | <i>140#</i>   | <i>142#</i>              |               | <i>0</i>       |

| STEP 3: BRADENHEAD TEST                            |               |               |             |               |                 |
|--|---------------|---------------|-------------|---------------|-----------------|
| Elapsed Time (Min:Sec)                             | Tubing Fm ( ) | Tubing Fm ( ) | Prod Casing | Interm Casing | Bradenhead Flow |
| 00: <i>6 sec</i>                                   |               | <i>140#</i>   | <i>142#</i> |               | <i>D</i>        |
| 05: <i>1' Valve</i>                                |               | <i>140#</i>   | <i>143#</i> |               | <i>0</i>        |
| 10:  |               | <i>140#</i>   | <i>142#</i> |               | <i>0</i>        |
| 15:  |               |               |             |               |                 |
| 20:  |               |               |             |               |                 |
| 25:  |               |               |             |               |                 |
| 30:  |               |               |             |               |                 |
| Note instantaneous Bradenhead PSIG at end of test: |               |               |             |               | <i>0</i>        |

STEP 4: INTERMEDIATE CASING TEST

Buried Valve? \_\_\_\_\_ Confirmed open? \_\_\_\_\_

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  
O = No flow; C = Continuous; D = Down to 0; V = Vapor;

| INTERMEDIATE SAMPLE TAKEN (circle) |       |       |              |
|------------------------------------|-------|-------|--------------|
| Yes                                | No    | Gas   | Liquid       |
| Character of Intermediate Fluid:   |       |       |              |
| Clear                              | Fresh | Salty | Sulfur Black |
| Sample Cylinder Number:            |       |       |              |

| STEP 4: INTERMEDIATE CASING TEST                     |               |               |                   |                   |
|--|---------------|---------------|-------------------|-------------------|
| Elapsed Time (Min:Sec)                               | Tubing Fm ( ) | Tubing Fm ( ) | Production Casing | Intermediate Flow |
| 00:  |               |               |                   |                   |
| 05:  |               |               |                   |                   |
| 10:  |               |               |                   |                   |
| 15:  |               |               |                   |                   |
| 20:  |               |               |                   |                   |
| 25:  |               |               |                   |                   |
| 30:  |               |               |                   |                   |
| Note instantaneous Intermediate PSIG at end of test: |               |               |                   |                   |

Remarks: *left BHD Closed.*

STEP 5: Send report to BLM within 30 days and to COGC within 10 days. Include wellbore diagram (if not previously submitted or if wellbore configuration has changed since prior diagram). Attach gas and liquid analysis if sampled. See reverse for details.

Test Performed by: *Geoff Waits* Title: *MTS* Phone Number: *505-419-3607*

and certified true and correct. *[Signature]* Date: *10-22-09*

Witnessed By: \_\_\_\_\_ Witness Title: \_\_\_\_\_ Agency: \_\_\_\_\_

OIL CONS. DIV DIST. 3  
JUL 21 2014

RECEIVED  
OCT 29 2009  
COGCC