

State of Colorado
Oil and Gas Conservation 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 OGCC 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. OGCC Operator Number: <u>18600</u>	3. BLM Lease No: _____
2. Name of Operator: <u>COLORADO INTERSTATE GAS COMPANY</u>	
4. API Number; <u>05-087-07228-00</u>	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Well Name: <u>FORT MORGAN UNIT</u>	Number: <u>26</u>
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWNE,25,3N,58W,6</u>	
8. County <u>MORGAN</u>	9. Field Name: <u>FORT MORGAN</u>
10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	

11. Date of Test: _____
12. Well Status: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection <input type="checkbox"/> Clock/Intermitter <input type="checkbox"/> Plunger Lift
13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?

14. EXISTING PRESSURES					
Record all pressures as found	Tubing: <u>1954</u> Fm: <u>DSND</u>	Tubing: _____ Fm: _____	Prod Csg <u>98</u> Fm: _____	Intermediate Csg: _____	Surf. Csg <u>67</u>

BRADENHEAD TEST						
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	00:00	DSND 1954		98	67	G
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	05:00	DSND 1954		98	67	W
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	10:00	DSND 1954		98	67	W
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black	15:00	DSND 1954		98	67	W
Other:(describe) Sample cylinder number: _____	20:00	DSND 1954		98	67	W
	25:00	DSND 1954		98	67	W
	30:00	DSND 1954		98	67	W
Instantaneous Bradenhead PSIG at end of test: > <u>0</u>						

INTERMEDIATE CASING TEST						
Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> 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						
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid						
Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black						
Other:(describe) Sample cylinder number: _____						
Instantaneous Intermediate Casing PSIG at end of test: >						

Comments:

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

Test Performed By: Kevin Lively Title: Supervisor Phone: (970) 867-4243

Signed: Kevin Lively Title: Supervisor Date: 10/21/2010

Witnessed By: Colby Horton Title: NE Inspector Agency: COGCC