

State of Colorado  
Oil and Gas Conservation Commission

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DE	ET	OE	ES
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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>10112</u>	3. BLM Lease No: _____	11. Date of Test: <u>06/23/2010</u>
2. Name of Operator: <u>FOUNDATION ENERGY MANAGEMENT LLC</u>		12. Well Status: <input type="checkbox"/> Flowing
4. API Number; <u>05-001-07820-00</u>	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift
6. Well Name: <u>SHIVELY</u>	Number: <u>11-12</u>	<input type="checkbox"/> Pumping <input type="checkbox"/> Injection
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NWNW,12,1S,64W,6</u>		<input type="checkbox"/> Clock/Intermitter
8. County <u>ADAMS</u>	9. Field Name: <u>BASE LINE</u>	<input checked="" type="checkbox"/> Plunger Lift
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian		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>100</u> Fm: <u>DSND</u>	Tubing: _____ Fm: _____	Prod Csg <u>100</u> Fm: <u>DSND</u>	Intermediate Csg: _____	Surf. Csg <u>0</u>

BRADENHEAD TEST							
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	
	00:00	DSND 100			100		O
	05:00	DSND 100			100		O
	10:00	DSND 100			100		O
	15:00	DSND 100			100		O
	20:00	DSND 100			100		O
	25:00	DSND 100			100		O
	30:00	DSND 100			100		O

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? <input type="checkbox"/> Yes <input type="checkbox"/> No 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	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: Whisper when valve opened, dead through rest of test.

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

Test Performed By: Al Alvarez Title: Pumper Phone: ( )

Signed: Cliff Cox Title: Ops Superintendent Date: 7/27/2010

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