



## 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: 30680 3. BLM Lease No: 142015156  
2. Name of Operator: FOUR STAR OIL & GAS COMPANY  
4. API Number; 05-067-07500-00 5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: SOUTHERN UTE (EPA) Number: 17  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW,34,33N,9W,N  
8. County LA PLATA 9. Field Name: IGNACIO BLANCO  
10. Minerals: ☐ Fee ☐ State ☐ Federal ☒ Indian

11. Date of Test: 06/23/2016  
12. Well Status: ☐ Flowing  
☐ Shut In ☐ Gas Lift  
☐ Pumping ☒ Injection  
☐ Clock/Intermitter  
☐ Plunger Lift  
13. Number of Casing Strings:  
☒ Two ☐ Three ☐ Liner?

### 14. EXISTING PRESSURES

Record all pressures as found	Tubing: <u>1710</u> Fm: <u>BLFF</u>	Tubing: <u>0</u> Fm: <u>ENRD</u>	Prod Csg <u>5</u> Fm: <u></u>	Intermediate Csg: <u>52</u>	Surf. Csg <u>32</u>
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### 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	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	D
	05:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	10:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	15:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	20:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	25:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	30:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W

BRADENHEAD SAMPLE TAKEN?  
☒ Yes ☐ No ☒ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh  
☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number: 6192

Instantaneous Bradenhead PSIG at end of test: > 0

### INTERMEDIATE CASING 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 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:
	00:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	D
	05:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	10:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	15:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	20:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	25:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W
	30:00	BLFF 1710	ENRD 0	<input type="checkbox"/> 5	52	W

INTERMEDIATE SAMPLE TAKEN?  
☒ Yes ☐ No ☒ Gas ☐ Liquid

Character of Intermediate fluid: ☐ Clear ☐ Fresh  
☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number: 4079

Instantaneous Intermediate Casing PSIG at end of test: > 0

Comments: 32 psi on Bradenhead blew down to whisper in 90 seconds. Steady throughout 30 minute test. Intermediate with 52 psi. down to whisper in 3 minutes. 6 seconds through 2" ball valve.

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

Test Performed By: Lenny Moore Title: HDI/Roustabout Phone: (970) 442-1212

Signed: April E. Pohl Title: Regulatory Specialist Date: 8/23/2016

Witnessed By: N/A Title: \_\_\_\_\_ Agency: \_\_\_\_\_