



State of Colorado
Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

BOTTOM HOLE PRESSURE

<p>1. OGCC Operator Number: <u>76104</u></p> <p>2. Name of Operator: <u>Samson Resources Company</u></p> <p>3. Address: <u>Two West Second Street</u></p> <p>City: <u>Tulsa</u> State: <u>OK</u> Zip: <u>74103</u></p>	<p>4. Contact Name and Telephone <u>Jane E Strutt</u> No: <u>918-591-1140</u> Fax: _____</p>
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<p>5. API Number: <u>05-067-09223</u></p> <p>7. Well Name: <u>Southern Ute 33-8-28</u></p> <p>8. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SENE 28-33N-08W NMPM</u></p> <p>9. County: <u>Colorado</u></p> <p>11. Federal, Indian or State Lease Number: <u>142015149</u></p> <p>12. Well Elevation: <input type="checkbox"/> KB <input checked="" type="checkbox"/> GL <u>7354</u> feet</p> <p>13. Bottom Hole Pressure: <u>839.2</u> psia at a depth of <u>4039</u> feet.</p> <p>14. Date Measured: <u>8/16/10</u></p> <p>15. Number of Hours Well Was Shut-In: <u>48</u> hours</p> <p>16. Method Used to Obtain Bottom Hole Pressure: <input checked="" type="checkbox"/> Bottom Hole Pressure Recorder <input type="checkbox"/> Surface Pressure and Fluid Level Measurement Used to Calculate BHP: Casing Pressure: _____ Fluid Level: _____ <input type="checkbox"/> Other Method (Specify): _____</p> <p>17. Formation: <u>Fruitland Coal</u></p> <p>18. Completed Interval (Net Footage): <u>3934-4175'</u></p> <p>19. Production Rates: Gas: <u>455</u> mcf/d Water: <u>98</u> bpd Date Reported: <u>8/17/10</u></p> <p>20. Flowing Tubing Pressure: <u>185</u> psi</p> <p>21. Flowing Casing Pressure: <u>185</u> psi</p> <p>22. Type of Production: <input checked="" type="checkbox"/> Downhole Pump <input type="checkbox"/> Flowing <input type="checkbox"/> Plunger <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other: _____</p> <p>23. Bottom Hole Temperature (temperature of produced water at well head can be used): <u>131.346</u> ° <input checked="" type="checkbox"/> F or <input type="checkbox"/> C</p> <p>24. Method of Temperature Measurement: <input checked="" type="checkbox"/> Bottom Hole Temperature <input type="checkbox"/> Produced Water Measurement</p> <p>25. Comments: _____ _____ _____</p>	<p>6. OGCC Lease No.: _____</p> <p>Well Number: <u>5</u></p> <p>10. Field Name: <u>Ignacio Blanco</u></p>
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I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Randal L Maxwell

Signed: *Randal L Maxwell* Title: Manager, Regulatory Engineering Date: 9/14/2010

Static Gradient Report

Oil Company: SAMSON RESOURCES
Well Name: SOUTHERN UTE 33-8-28 #5
Well Location: T33N, R8W, SEC. 28
Field: IGNACIO
Formation: FRUITLAND COAL
On Bottom Time: 8/16/10 @ 0737 HRS
Off Bottom Time: 8/16/10 @ 0837 HRS

OIL COMPANY INFORMATION

Oil Company: SAMSON RESOURCES
Address: BAYFIELD, CO

WELL INFORMATION

Well Name: SOUTHERN UTE 33-8-28 #5

Well Location: T33N, R8W, SEC. 28

Field: IGNACIO

Pool:

Formation: FRUITLAND COAL

Well Licence Number: 0506709223

Well Fluid Status: 02 Gas

Well Mode Status: 05 Capped

Well Type Status: 09 Industrial

Well Type Indicator: Deviated

Production Interval(KB) From: TO

KB Elevation: 7370

CF Elevation:

Ground Elevation: 7354

Pool Datum:

Datum Depth: 7370

Producing Through:

O.H. Diameter:

Casing Liner Diameter:

PBTD: 4327

Total Depth: 4359

Tubing Depth:

Tubing OD.:

Tubing ID.:

Casing OD.: 5 12

Casing ID.: 17#

TEST INFORMATION

Type Of Test: Static Gradient

Initial Tubing Pressure:

Final Tubing Pressure:

Initial Casing Pressure:

Final Casing Pressure:

Shut in Time:

GAUGE INFORMATION

Serial Number: 9459

Pressure Range: 315

Calibration Date: JUL 20/09

Gauge Started:

Gauge Stopped:

On Bottom Time: 8/16/10 @ 0737 HRS

Off Bottom Time: 8/16/10 @ 0837 HRS

Run Depth Bottom (KB): 4039

REMARKS

RAN TANDEM BHP GAUGES (9459, 9460) TO 4039'-SET 1 HR-POOH MAKING GRADIENT STOPS.

GRADIENT SUMMARY

Oil Company: SAMSON RESOURCES

Well Location: T33N, R8W, SEC. 28

#	Real Time	Depth	Stop Time	Temp.(DEG.F)	Pres.(PSIG)	Gradient
1	08/16/2010 10:26:45	0.0	1017 - 1027	63.045	638.9	0.000
2	08/16/2010 10:15:40	500.0	1006 - 1016	66.498	649.2	0.021
3	08/16/2010 10:04:45	1000.0	0955 - 1005	75.976	657.1	0.016
4	08/16/2010 09:53:50	1500.0	0944 - 0954	85.670	665.1	0.016
5	08/16/2010 09:42:50	2000.0	0933 - 0943	95.061	672.4	0.014
6	08/16/2010 09:31:40	2500.0	0922 - 0932	104.534	679.9	0.015
7	08/16/2010 09:21:00	3000.0	0911 - 0921	113.335	686.9	0.014
8	08/16/2010 09:10:30	3500.0	0900 - 0910	120.211	693.3	0.013
9	08/16/2010 08:58:45	3639.0	0849 - 0859	122.040	695.0	0.012
10	08/16/2010 08:47:50	3839.0	0838 - 0848	124.647	762.0	0.335
11	08/16/2010 08:36:45	4039.0	0737 - 0837	131.346	839.2	0.386

FLUID LEVEL IS AT N/A

Gradient Plots

Oil Company: SAMSON RESOURCES

Well Location: T33N, R8W, SEC. 28

