


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table> Document Number:  1633513  Plugging Bond Surety	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>							
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> COALBED <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>SAMSON RESOURCES COMPANY</u> 4. COGCC Operator Number: <u>76104</u>							
5. Address: <u>TWO WEST SECOND ST</u> City: <u>TULSA</u> State: <u>OK</u> Zip: <u>74103</u>							
6. Contact Name: <u>GEORGANNE MITCHELL</u> Phone: <u>(720)239-4365</u> Fax: <u>(720)904-1392</u> Email: <u>GMITCHELL@SAMSON.COM</u>							
7. Well Name: <u>IGNACIO 32-7-23</u> Well Number: <u>4</u>							
8. Unit Name (if appl): _____      Unit Number: _____							
9. Proposed Total Measured Depth: <u>3200</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SWNE</u> Sec: <u>22</u> Twp: <u>32N</u> Rng: <u>7W</u> Meridian: <u>N</u> Latitude: <u>37.005800</u> Longitude: <u>-107.594830</u>							
Footage at Surface: <u>1481</u> feet      FNL/FSL <u>FNL</u> <u>2381</u> feet      FEL/FWL <u>FEL</u>							
11. Field Name: <u>IGNACIO BLANCO</u> Field Number: <u>38300</u>							
12. Ground Elevation: <u>6250</u> 13. County: <u>LA PLATA</u>							
14. GPS Data: Date of Measurement: <u>10/20/2010</u> PDOP Reading: <u>3.1</u> Instrument Operator's Name: <u>M. PAULEK</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:      FNL/FSL      FEL/FWL      Bottom Hole:      FNL/FSL      FEL/FWL <u>694</u> <u>FNL</u> <u>590</u> <u>FEL</u> <u>685</u> <u>FNL</u> <u>67</u> <u>FEL</u> Sec: <u>22</u> Twp: <u>32N</u> Rng: <u>7W</u> Sec: <u>22</u> Twp: <u>32N</u> Rng: <u>7W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>1500 ft</u>							
18. Distance to nearest property line: <u>260 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>1970 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
FRUITLAND COAL	FRLDC	112-118	320	N/2			

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

21. Mineral Ownership: ☐ Fee ☐ State ☐ Federal ☒ Indian Lease #: 14-20-151-6

22. Surface Ownership: ☐ Fee ☐ State ☐ Federal ☒ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#:

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No

23b. If 23 is No ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bon ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):  
SEE ATTACHED.

25. Distance to Nearest Mineral Lease Line: 685 ft 26. Total Acres in Lease: 2168

**DRILLING PLANS AND PROCEDURES**

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: RESERVE PIT EVAPORATI

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24		350	265	350	0
1ST	7+7/8	5+1/2	17		4,196	258	4,196	0

32. BOP Equipment Type: ☒ Annular Preventer ☐ Double Ram ☐ Rotating Head ☐ None

33. Comments SURFACE USE AGREEMENT FROM SOUTHERN UTE INDIAN TRIBE TO FOLLOW. SEE ATTACHED LETTER. CONDUCTOR CASING WILL NOT BE USED. PILOT BOTTOM HOLE APD PLEASE APPEND EXTENSION -00 TO THIS API NUMBER.

34. Location ID: 326407

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☐ Yes ☒ No

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

Signed: \_\_\_\_\_ Print Name: BRENDAN CUSICK

Title: AGENT FOR SAMSON RESOURCE Date: 2/11/2011 Email: BTCUSICK@PRYMORYSENV

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: David S. Nesline Director of COGCC Date: 3/31/2011

**API NUMBER**

05 067 09849 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/30/2013

**CONDITIONS OF APPROVAL, IF ANY:**

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

None - Tribal

### **Attachment Check List**

Att Doc Num	Name
1633513	APD ORIGINAL
1633514	WELL LOCATION PLAT
1633515	TOPO MAP
1633516	OIL & GAS LEASE
1633517	DEVIATED DRILLING PLAN
1633518	FED. DRILLING PERMIT
1633519	PROPOSED SPACING UNIT
1633520	CORRESPONDENCE

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	PERMITTING PASSED- JLV	3/31/2011 11:03:12 AM
Permit	PILOT BOTTOM HOLE APD PLEASE APPEND EXTENSION -00 TO THIS API NUMBER.	3/31/2011 10:00:58 AM
Permit	corrected the casing info due to operator request. kk	2/22/2011 2:43:27 PM
Data Entry	CHECK CASING STRINGS PRODUCTION AND SURFACE USUALLY REVERSE ORDER.	2/16/2011 11:29:21 AM

Total: 4 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)