


FORM 2 Rev 12/05	State of Colorado Oil and Gas Conservation Commission 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: 1633505 Plugging Bond Surety	DE	ET	OE	ES
DE	ET	OE	ES				
APPLICATION FOR PERMIT TO:							
1. <input checked="" type="checkbox"/> Drill, <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 checked="" 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>6090</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SWNE</u> Sec: <u>22</u> Twp: <u>32N</u> Rng: <u>7W</u> Meridian: <u>N</u> Latitude: <u>37.005580</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>6250.7</u> 13. County: <u>LA PLATA</u>							
14. GPS Data: Date of Measurement: <u>10/22/2010</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) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <u>688</u> <u>FNL</u> <u>381</u> <u>FEL</u> <u>660</u> <u>FNL</u> <u>1954</u> <u>FWL</u> Sec: <u>23</u> Twp: <u>32N</u> Rng: <u>7W</u> Sec: <u>23</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>							
20. LEASE, SPACING AND POOLING INFORMATION							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
FRUITLAND COAL	FRLDC	112-181	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: 660 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
CONDUCTOR	12+1/4	8+5/8	24	0	350	265	350	0
SURF	7+7/8	5+1/2	17.5	0	4,196	258	4,196	0
1ST LINER	4+3/4	2+7/8	6.4	3663	3,668			

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. LATERAL #1 HOLE APD PLEASE APPEND EXTENSION -01 TO THIS API NUMBER: LATERAL PERFORATED LINER.

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: 4/6/2011

API NUMBER

05 067 09849 01

Permit Number: _____ Expiration Date: 4/5/2013

CONDITIONS OF APPROVAL, IF ANY:

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
1633505	APD ORIGINAL
1633506	WELL LOCATION PLAT
1633507	TOPO MAP
1633508	DEVIATED DRILLING PLAN
1633509	OIL & GAS LEASE
1633510	FED. DRILLING PERMIT
1633511	PROPOSED SPACING UNIT
1633512	CORRESPONDENCE

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	3/31/2011 11:11:20 AM
Permit	LATERAL #1 HOLE APD PLEASE APPEND EXTENSION -01 TO THIS API NUMBER. JLV	3/31/2011 11:08:08 AM
Data Entry	CHECK CASING DESIGN.	2/16/2011 11:31:44 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)