

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



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APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☒ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☐
Sidetrack ☐

Document Number:

2565731

Plugging Bond Surety

19820016

3. Name of Operator: SAMSON RESOURCES COMPANY

4. COGCC Operator Number: 76104

5. Address: TWO WEST SECOND ST

City: TULSA State: OK Zip: 74103

6. Contact Name: GEORGANNE MITCHELL Phone: (720)239-4365 Fax: (720)904-1392
Email: GMITCHELL@SAMSON.COM

7. Well Name: LUCERO 32-7-11 Well Number: #1

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 3216

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 11 Twp: 32N Rng: 7W Meridian: N

Latitude: 37.027222 Longitude: -107.585410

Footage at Surface: 1040 feet FNL/FSL FSL 445 feet FEL/FWL FWL

11. Field Name: IGNACIO BLANCO Field Number: 38300

12. Ground Elevation: 6243.4 13. County: LA PLATA

14. GPS Data:

Date of Measurement: 12/14/2010 PDOP Reading: 4.6 Instrument Operator's Name: M. WILLIAMS

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1042 FSL 688 FWL FWL Bottom Hole: FNL/FSL 1042 FSL 745 FWL FWL
Sec: 11 Twp: 32N Rng: 7W Sec: 11 Twp: 32N Rng: 7W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 4540 ft

18. Distance to nearest property line: 213 ft 19. Distance to nearest well permitted/completed in the same formation: 2329 ft

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	112-197	320	W/2

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____

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 Bond ☐ \$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):
SWSW SECTION 11-T32N-R7W

25. Distance to Nearest Mineral Lease Line: 278 ft 26. Total Acres in Lease: 40

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

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

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	3,007	400	3,007	0

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

33. Comments WASHINGTON STRIPPER HEAD, ANNULAR AND SINGLE RAM (BLIND) SEE DIGRAM CONDUCTOR CASING WILL NOT BE SET.

34. Location ID: _____

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: GEORGANNE MITCHELL

Title: SR. SURFACE USE LANDMAN Date: 12/16/2010 Email: GMITCHELL@SAMSON.COM

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. Neslin Director of COGCC Date: 1/25/2011

API NUMBER

05 067 09845 00

Permit Number: _____ Expiration Date: 1/24/2013

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.

- 1) Provide 48 hour notice of spud to COGCC field inspector Leslie Melton (970) 375-6419 or les.melton@state.co.us
- 2) Provide cement coverage of production casing from TD to surface. Verify cement coverage with Cement Bond Log.
- 3) Run and submit Directional Survey from TD to kick-off point
- 4) The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the well bore complies with setback requirements in Commission orders and/or rules prior to producing the well.
- 5) Sample and test two closest water wells within 1/4 mile swath of the directional wellbore.
- 6) Operators are required to obtain a bottom hole pressure utilizing a bottom hole gauge after a minimum 48 hour shut-in period following completion and prior to sales
- 7) Comply with all applicable provisions of Order 112-197

Attachment Check List

Att Doc Num	Name
1857171	SELECTED ITEMS REPORT
2565731	APD ORIGINAL
2565733	WELL LOCATION PLAT
2565734	TOPO MAP
2565735	DEVIATED DRILLING PLAN

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED- JLV	1/21/2011 12:35:46 PM
Permit	Rule 306 Consultation? Applicant is Surface Owner- JLV	1/18/2011 1:07:37 PM
Permit	Change spacing order to 112-197 JLV.	12/21/2010 9:48:59 AM
Permit	Per Operator Conductor Csg will not be set and change footages and latitude and longitude to match survey plat. JLV	12/21/2010 9:38:36 AM
Permit	Emailed Operator; will conductor casing be set? JLV	12/16/2010 5:05:05 PM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)