

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:

1784123

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: JULIEDOSSEY Phone: (918)583-1791 Fax: (918)591-1796

Email: jdosse@timberlineland.com

7. Well Name: IGNICIO 32-7-22 Well Number: 4

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

9. Proposed Total Measured Depth: 3675

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 22 Twp: 32N Rng: 7W Meridian: N

Latitude: 37.005810 Longitude: -107.594890

Footage at Surface: 1413 FNL/FSL FNL 2395 FEL/FWL FEL

11. Field Name: IGNACIO BLANCO Field Number: 38300

12. Ground Elevation: 6252 13. County: LA PLATA

14. GPS Data:

Date of Measurement: 04/28/2008 PDOP Reading: 0.0 Instrument Operator's Name: VAW

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

Footage at Top of Prod Zone: FNL/FSL 1090 FSL 2110 FEL 752 FEL/FWL 2025 FEL 752
Sec: 22 Twp: 32N Rng: 7W Sec: 22 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: 500

18. Distance to nearest property line: 247 19. Distance to nearest well permitted/completed in the same formation: 560

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	W/2&W/2E/2 22

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 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: 751 26. Total Acres in Lease: 1400

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-EVAP

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	350	258	350	0
1ST	7+7/8	5+1/2	17	3,675	508	3,675	0

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

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: Y Print Name: JULIE DOSSEY

Title: PERMITTING AGENT Date: 7/24/2009 Email: JDOSSEY@TIMBERLINELAN

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: 9/17/2009

API NUMBER

05 067 09790 00

Permit Number: _____ Expiration Date: 9/16/2010

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

Comment	User Name	Comment Date
Agency		
1) Provide 48 hour notice of spud to BLM 2) Set at least 452' of surface casing per Rule 317 (f) (h); cement to surface 3) Provide cement coverage of production casing from TD to surface. Verify cement coverage with Cement Bond Log. 4) Run and submit Directional Survey from TD to kick-off point 5) 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. 6) Sample and test two closest water wells within 1/4 mile swath of the directional wellbore intercepting Fruitland Coal (horizontal dimension - top to bottom of pay). 7) 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 8) Comply with all applicable provisions of Order 112-181		09/11/2009

Attachment Check List

Att Doc Num	Name	Doc Description	Op. Check	File Size
1784123	APD ORIG & 1 COPY	LF@2121949 1784123	Y	
1784212	WELL LOCATION PLAT	LF@2121950 1784212	Y	
1784213	OIL & GAS LEASE	LF@2121951 1784213	Y	
1784214	TOPO MAP	LF@2121952 1784214	Y	
1784215	DEVIATED DRILLING PLAN	LF@2121953 1784215	Y	
2032598	OTHER	LF@2136387 2032598	Y	

Total Attach: 6 Files