

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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Document Number:

400223268

PluggingBond SuretyID

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☒ OTHER ☐ Lat 1
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☐

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: Tim Corbett Phone: (970)759-3242 Fax: ()

Email: tcorbett@frontier.net

7. Well Name: Melson 34-7-24 Well Number: 1

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

9. Proposed Total Measured Depth: 6232

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 19 Twp: 34N Rng: 6W Meridian: M

Latitude: 37.178740 Longitude: -107.549100

Footage at Surface: 1866 feet FNL/FSL 383 feet FEL/FWL FWL

11. Field Name: Ignacio Blanco Field Number: 38300

12. Ground Elevation: 6849.1 13. County: LA PLATA

14. GPS Data:

Date of Measurement: 07/20/2011 PDOP Reading: 0.0 Instrument Operator's Name: Richard B. Gabriel

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

Footage at Top of Prod Zone: FNL/FSL 848 FNL 684 FEL 660 FNL 1600 FEL/FWL FWL
Sec: 24 Twp: 34N Rng: 7W Sec: 24 Twp: 34N 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: 383 ft

18. Distance to nearest property line: 80 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 450 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	112-181	320	N/2

21. Mineral Ownership: ☐ Fee ☐ State ☐ Federal ☒ Indian Lease #: 750-03-2003

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):

N/2 Sec. 24, T34N-R7W, N.M.P.M.

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 320

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

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☒ Disposal Facility Other: Closed Loop

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	0	350	250	350	
2ND	7+7/8	5+1/2	17	350	3,564	258	3,564	
3RD	4+3/4	2+7/8	6.4	3197		250		

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

33. Comments This form 2 is for Lateral #1. PDOP reading is not supplied as GPS was not used for this Survey. No improvements within 400'. All production will come from tribal minerals. Operator is Surface owner. On the Horizontal re-entry the drilling fluid program will include brine water 100,000 ppm or more. No Conductor casing will 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: Tim Corbett

Title: Agent for Samson Res. Date: 12/18/2011 Email: tcorbett@frontier.net

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: _____ Director of COGCC Date: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Attachment Check List

Att Doc Num	Name
400223268	FORM 2 SUBMITTED
400232117	WELL LOCATION PLAT
400232118	WELL LOCATION PLAT
400232119	ACCESS ROAD MAP
400232121	TOPO MAP
400232122	FED. DRILLING PERMIT
400232124	LEASE MAP
400232125	OIL & GAS LEASE
400232126	OIL & GAS LEASE
400235909	DEVIATED DRILLING PLAN
400237153	LOCATION PHOTO

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

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

Total: 0 comment(s)