

FORM  
2Rev  
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 ☐ Lat 1  
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐Refiling ☐Sidetrack ☐

Document Number:

400223263

PluggingBond SuretyID

19820016

3. Name of Operator: SAMSON RESOURCES COMPANY4. COGCC Operator Number: 761045. Address: TWO WEST SECOND STCity: TULSA State: OK Zip: 741036. Contact Name: Tim Corbett Phone: (970)759-3242 Fax: ()Email: tcorbett@frontier.net7. Well Name: SE Bayfield 34-7 Well Number: #12U-3A8. Unit Name (if appl):  Unit Number: 9. Proposed Total Measured Depth: 6333

## WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 12 Twp: 34N Rng: 7W Meridian: MLatitude: 37.206080 Longitude: -107.566750Footage at Surface: 2482 feet FNL/FSL 477 feet FEL/FWL  
FNL FWL11. Field Name: Ignacio Blanco Field Number: 3830012. Ground Elevation: 6789.2 13. County: LA PLATA

## 14. GPS Data:

Date of Measurement: 06/02/2011 PDOP Reading: 0.0 Instrument Operator's Name: Richard B. Gabriel15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL 1972 FNL 844 FWL 1980 FNL 660 FEL  
Sec: 12 Twp: 34N Rng: 7W Sec: 12 Twp: 34N Rng: 7W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 1230 ft18. Distance to nearest property line: 158 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 600 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 #: 750-03-109422. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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):

NW/4 Sec. 12U, T34N-R7W, N.M.P.M.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 160

### 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	2,925	258	2,925	
3RD	4+3/4	2+7/8	6.4	2435		150		

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'. The laterals will start producing in fee minerals, then in tribal minerals and end in fee minerals. 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
400223263	FORM 2 SUBMITTED
400233639	WELL LOCATION PLAT
400233640	TOPO MAP
400233642	MINERAL LEASE MAP
400233643	DEVIATED DRILLING PLAN
400233644	OIL & GAS LEASE
400233645	OIL & GAS LEASE
400233646	OIL & GAS LEASE
400233647	FED. DRILLING PERMIT
400238131	LOCATION PHOTO

Total Attach: 10 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)