

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



Document Number:

2287636

Date Received:

03/05/2012

PluggingBond SuretyID

20010012

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

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

Refiling ☐Sidetrack ☐

3. Name of Operator: RITCHIE EXPLORATION INC

4. COGCC Operator Number: 74770

5. Address: P O BOX 783188

City: WICHITA State: KS Zip: 67278-318

6. Contact Name: JOHN NIERNBERGER Phone: (316)691-9520 Fax: (316)691-9550

Email: JNIERNBERGER@RITCHIE-EXP.COM

7. Well Name: HORNUNG 34B

Well Number: 1

8. Unit Name (if appl):

Unit Number:

9. Proposed Total Measured Depth: 6200

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 34 Twp: 10S Rng: 46W Meridian: 6

Latitude: 39.138520

Longitude: -102.533900

Footage at Surface: 710 feet FNL/FSL 1481 feet FEL/FWL
 FNL FWL

11. Field Name: WILDCAT

Field Number: 99999

12. Ground Elevation: 4487.92

13. County: KIT CARSON

14. GPS Data:

Date of Measurement: 01/26/2012 PDOP Reading: 2.5 Instrument Operator's Name: ELIJAH FRANE

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

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

Sec: Twp: Rng: Sec: Twp: Rng:

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: 514 ft

18. Distance to nearest property line: 710 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 10876 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.)
MARMATON	MRTN			
MISSISSIPPIAN	MSSP			
MORROW	MRRW			

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. 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 ☐ 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):

NW/4 SECTION 34-10S-46W

25. Distance to Nearest Mineral Lease Line: 710 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: DRY AND BURY

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	400	400	400	0
1ST	7+7/8	5+1/2	15.5	0	6,200	300	6,200	3,900
S.C. 1.1							3,100	2,300

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

33. Comments CONDUCTOR PIPE WILL NOT BE USED.

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: JOHN NIERNBERGER

Title: PRODUCTION MGR. Date: 2/29/2012 Email: JNIERNBERGER@RITCHIE-

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 4/20/2012

API NUMBER

05 063 06344 00

Permit Number: _____ Expiration Date: 4/19/2014

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 24 hour notice of MIRU to Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) If production casing is set provide cement coverage to at least 200' above shallowest completed interval and across Cheyenne/Dakota interval (3100'-2300' minimum). Run and submit CBL to verify cemented intervals.
- 3) If well is a dry hole set plugs at the following depths: 40 sks cement across any DST or significant show, 40 sks cement at 3100' up, 40 sks cement at 2300' up, 50 sks cement from 50' below surface casing shoe up into surface casing, 15 sks cement in top of surface casing, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.

Attachment Check List

Att Doc Num	Name
1698839	LEGAL/LEASE DESCRIPTION
2287636	FORM 2 SUBMITTED
2287637	PLAT
2287638	TOPO MAP
2331967	SURFACE CASING CHECK

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review passed 4/19/2012 NKP	4/19/2012 4:49:02 PM
Permit	Corrected distances and mineral owner signature information per opr. 4/19/2012	4/19/2012 3:49:45 PM
Permit	Email to opr to verify distance to nearest permitted production in same zone, overhead utility, nearest property line. NKP 4/6/2012.	4/6/2012 7:47:49 AM
Permit	John Niemberger is not an agent. Form 1A on the way. Missing zone type. Multiple comingled Missing plugging bond. 20010012 Missing field name and number. Wildcat 99999 Missing #19. 14600 Missing conductor statement. Input Changes made per operators email.	3/9/2012 10:33:45 AM
Permit	John Niemberger is not an agent. Missing zone type. Missing plugging bond. Missing field name and number. Missing #19. Missing conductor statement. Sent operator email 3/7/12	3/7/2012 9:11:42 AM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)