

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

2287647

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: CHAPIN-GAY Well Number: 1

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

9. Proposed Total Measured Depth: 6200

## WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 23 Twp: 10S Rng: 46w Meridian: 6

Latitude: 39.162810 Longitude: -102.511470

Footage at Surface: 2028 feet FNL/FSL FSL 2537 feet FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4478.54 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: 1795 ft

18. Distance to nearest property line: 7920 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		320	S/2
MISSISSIPPIAN	MSSP		320	S/2
MORROW	MRRW		320	S/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):

SE/4 SECTION 23-10S-46W (pooling declaration attached includes SE/4 23-10S-46W and SW/4 23-10S-46W - unit is S/2 Section 23-10S-46W, 320 acres)

25. Distance to Nearest Mineral Lease Line: 70 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							3,150	2,350

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

33. Comments A 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: 6/14/2012

Permit Number: \_\_\_\_\_ Expiration Date: 6/13/2014

**API NUMBER**  
05 063 06345 00

**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 (3150'-2350' 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 3150' up, 40 sks cement at 2350' 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
1698838	LEGAL/LEASE DESCRIPTION
1698887	EXCEPTION LOC REQUEST
1698888	CORRESPONDENCE
2287647	FORM 2 SUBMITTED
2287648	PLAT
2287649	TOPO MAP
2331966	SURFACE CASING CHECK

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Added pooled acreage and configuration to unit information and lease description. Final Review passed 6/12/2012 NKP	6/12/2012 1:47:00 PM
Permit	Rule 318.a requires that productive interval be 600 feet from the lease line; the proposed location is approximately 70 feet. Opr has requested an exception location. Opr has lease with encroached upon mineral owner, who has signed a waiver, as has mineral owner where well will be drilled. Opr states that pooling arrangement has been included in leases of the impacted parties.	6/12/2012 11:01:08 AM
Permit	Cultural distances corrected per opr. Lease description corrected per attached. 4/19/2012	4/19/2012 4:43:06 PM
Permit	Email to opr with exception location guidance. Well location is less than 600 feet from the lease line as required by Rule 318.a 4/10/2012 NKP	4/19/2012 2:53:52 PM
Permit	Email to opr to verify lease description and size, and distances to nearest building, above ground utility, property boundary and nearest permitted production from same formation. 4/4/2012 NKP	4/4/2012 5:44:11 PM
Permit	John Niemberger is not an agent. Form 1A's been mailed. Missing zone type. Input per operator email. Missing plugging bond. Input per operator email. Missing field name and number. Input per operator email. Missing #19. Input per operator email. Missing conductor statement. Input per operator email. Form has passed completeness.	3/9/2012 10:05:08 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 9:38:16 AM

Total: 7 comment(s)

**BMP**

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

Total: 0 comment(s)