

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400387522

Date Received:

03/04/2013

PluggingBond SuretyID

20130019

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: PETROSHARE CORPORATION

4. COGCC Operator Number: 10454

5. Address: 284 LARKSPUR DR

City: CASTLE ROCK State: CO Zip: 80104

6. Contact Name: Kimberly Rodell Phone: (303)942-0506 Fax: ()

Email: krodell@upstreampm.com

7. Well Name: Voloshin Well Number: 3-25

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

9. Proposed Total Measured Depth: 8300

WELL LOCATION INFORMATION

10. QtrQtr: Lot 11 Sec: 25 Twp: 6N Rng: 90W Meridian: 6

Latitude: 40.444233 Longitude: -107.439836

Footage at Surface: 1794 feet FNL/FSL 2280 feet FEL/FWL
 FSL FWL

11. Field Name: Buck Peak Field Number: 7675

12. Ground Elevation: 7469 13. County: MOFFAT

14. GPS Data:

Date of Measurement: 01/25/2013 PDOP Reading: 1.7 Instrument Operator's Name: Robert L. Kay

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
 1930 FSL 1573 FEL 2069 FSL 864 FEL
 Sec: 25 Twp: 6N Rng: 90W Sec: 25 Twp: 6N Rng: 90W

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: 2598 ft

18. Distance to nearest property line: 357 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1456 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.)
Niobrara	NBRR	103-1	160	SE/4

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 ☐ 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):

T6N R90W Sec. 25: E2

25. Distance to Nearest Mineral Lease Line: 864 ft

26. Total Acres in Lease: 336

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: See comments.

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
CONDUCTOR	20	16	42	0	40	50	40	0
SURF	12+1/4	9+5/8	36	0	650	290	650	0
1ST	8+3/4	7	23	0	6,599	340	6,599	3,862
1ST LINER	6+1/4	4+1/2	13.5	6499	8,300	0		

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

33. Comments The spacing for this well is being discussed by the COGCC and PetroShare Corp. If necessary, additional spacing orders will be submitted for this location. The distance to the nearest well was calculated from the surface location of the proposed Voloshin 3-25 to the surface-hole location of the Kowach 2 located to the northwest. Fresh water mud cuttings onsite and landspread. Oil based cuttings disposed at approved disposal facility.

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: Kimberly J. Rodell

Title: Permit Agent

Date: 3/4/2013

Email: krodell@upstreampm.com

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: _____

Matthew Lee

Director of COGCC

Date: 5/16/2013

API NUMBER

05 081 07778 00

Permit Number: _____

Expiration Date: 5/15/2015

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) CEMENT ON PRODUCTION CASING MUST BE AT LEAST 200' ABOVE TOP OF FT. UNION AND COMPLY WITH RULES 209 AND 317.I. SEGREGATE OIL, GAS, AND FRESH-WATER-BEARING ZONES AND PROTECT COAL SEAMS. VERIFY TOP WITH CBL.

Applicable Policies and Notices to Operators

NW Colorado Notification Policy.

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
2157012	EXCEPTION LOC REQUEST
400387522	FORM 2 SUBMITTED
400387606	WELL LOCATION PLAT
400387608	DRILLING PLAN
400387611	DIRECTIONAL DATA
400387625	TOPO MAP
400387714	DEVIATED DRILLING PLAN
400387716	SURFACE AGRMT/SURETY

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comments. Final Review--passed.	5/15/2013 3:13:59 PM
Permit	Operator advised that oil-based mud will be used.	4/10/2013 9:39:59 AM
Engineer	opr needs ~ 30 sacks cement, minimum, for 40' up to surface cement coverage for conductor	4/8/2013 10:18:38 AM
Permit	Attached exc. loc. request ltr. No waivers needed. Distance to nearest unit boundary is 864'. Added conductor casing info per oper.	4/4/2013 9:22:50 AM
Permit	Off hold. Oper. is submitting exception location request ltr. for location and directional well crossing designated units. Added Order #, spacing unit and designation.	4/2/2013 12:05:57 PM
Permit	Put APD on hold pending Commission hearing to revise spacing order.	3/18/2013 8:39:32 AM
Permit	Oper. advised that hearing application will be made for this exception location.	3/12/2013 8:42:25 AM
Engineer	THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 220 FEET DEEP.	3/6/2013 1:28:02 PM
Permit	Need cond. csg. comment. Corrected dist. to nearest well (other well on pad) to 1456'. Exception loc. based on 103-1.	3/6/2013 10:25:26 AM
Permit	Operator added Deviated Drilling Plan. Ready to pass completeness.	3/5/2013 11:42:05 AM
Permit	Returned to draft. Missing Deviated Drilling Plan	3/5/2013 9:15:10 AM

Total: 11 comment(s)

BMP

Type

Comment

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