

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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| DE | ET | OE | ES |
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Document Number:

400048422

Plugging Bond Surety

20020109

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☐

Sidetrack ☐

3. Name of Operator: MCELVAIN OIL & GAS PROPERTIES

4. COGCC Operator Number: 55575

5. Address: 1050 17TH ST STE 1800

City: DENVER State: CO Zip: 80265

6. Contact Name: Venessa Langmacher Phone: (303)857-9999 Fax: (303)450-9200  
Email: vlpermitco@aol.com

7. Well Name: Sandhill State Well Number: 16-8

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

9. Proposed Total Measured Depth: 2478

WELL LOCATION INFORMATION

10. QtrQtr: SE NE Sec: 16 Twp: 2S Rng: 46W Meridian: 6

Latitude: 39.884210 Longitude: -102.523550

Footage at Surface: 2080 FNL/FSL FNL 655 FEL/FWL FEL

11. Field Name: Mildred Field Number: 54975

12. Ground Elevation: 4084 13. County: YUMA

14. GPS Data:

Date of Measurement: 10/16/2009 PDOP Reading: 1.3 Instrument Operator's Name: Robert Daley

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: 5280 ft

18. Distance to nearest property line: 655 ft 19. Distance to nearest well permitted/completed in the same formation: 2363 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           |                         |                               |                                      |

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 45453

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 Bon ☐ \$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):  
T2S - R46W: Sec. 16: All

25. Distance to Nearest Mineral Lease Line: 655 ft 26. Total Acres in Lease: 640

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Evaporation and Burial

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 | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| SURF        | 9+7/8        | 7+0/0          | 17              | 450           | 120          | 450           | 0          |
| 1ST         | 6+1/4        | 4+1/2          | 10.5            | 2,478         | 200          | 2,478         | 0          |

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

33. Comments 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: Venessa Langmacher

Title: Regulatory Supervisor Date: 4/2/2010 Email: VLLPermitco@aol.com

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: David S. Neslin Director of COGCC Date: 5/4/2010

#### API NUMBER

05 125 11853 00

Permit Number: \_\_\_\_\_ Expiration Date: 5/3/2012

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 hr notice of spud to Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us. 2) Set surface casing at least 50' into Pierre Shale for aquifer coverage, (450' minimum - as proposed). Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC. 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 4) If dry hole, set 35 sks cement 50' above Niobrara top, 35 sks cement ½ out, ½ in surface casing, 10 sks cement at top of surface casing, cut casing 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.

### **Attachment Check List**

| Att Doc Num | Name                 | Doc Description      |
|-------------|----------------------|----------------------|
| 2110255     | SURFACE CASING CHECK | LF@2451466 2110255   |
| 400052035   | WELL LOCATION PLAT   | LF@2444827 400052035 |
| 400053638   | FORM 2 SUBMITTED     | LF@2452586 400053638 |

Total Attach: 3 Files