

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400054608

Plugging Bond Surety

20010124

## 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: KERR-MCGEE OIL &amp; GAS ONSHORE LP

4. COGCC Operator Number: 47120

5. Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-3779

6. Contact Name: CHERYL LIGHT Phone: (720)929-6461 Fax: (720)929-7461

Email: CHERYL.LIGHT@ANADARKO.COM

7. Well Name: HIGHWAY 160 Well Number: 26-2

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

9. Proposed Total Measured Depth: 8543

## WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 2 Twp: 1N Rng: 66W Meridian: 6

Latitude: 40.083253 Longitude: -104.740517

Footage at Surface: 1496 FNL/FSL FNL 1589 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5104 13. County: WELD

## 14. GPS Data:

Date of Measurement: 02/23/2010 PDOP Reading: 2.1 Instrument Operator's Name: TRAVIS KRAICH

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  
 50 FNL 50 FEL 50 FNL 50 FEL  
 Sec: 2 Twp: 1N Rng: 66W Sec: 2 Twp: 1N Rng: 66W
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: 1076 ft

18. Distance to nearest property line: 1054 ft 19. Distance to nearest well permitted/completed in the same formation: 668 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.)
J-SAND	JSND		160	GWA
NIOBRARA-CODELL	NB-CD	407	160	GWA

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 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):  
SEE ATTACHED OIL & GAS LEASE.

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 50 ft 26. Total Acres in Lease: \_\_\_\_\_ 320

### 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: \_\_\_\_\_

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	12+1/4	8+5/8	24	1,100	770	1,100	
1ST	7+7/8	4+1/2	11.6	8,543	200	8,543	
1ST LINER							

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

33. Comments NO CONDUCTOR CASING WILL BE USED. NB-CD: NENE, SEC 2, T1N-R66W JSND: NWNW SEC 1, T1N-R65W, SWSW SEC 36, T2N-R65W, SESE SEC 35, T2N-R66W

34. Location ID: \_\_\_\_\_ 317936

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: \_\_\_\_\_ CHERYL LIGHT

Title: \_\_\_\_\_ SR. REGULATORY ANALYST Date: \_\_\_\_\_ Email: \_\_\_\_\_ DJREGULATORY@ANADARK

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	Doc Description
400054620	WELL LOCATION PLAT	HIGHWAY 160 26-2 PLAT.pdf
400054622	TOPO MAP	HIGHWAY 160 26-2 1N66W2 Topo.pdf
400054623	OIL & GAS LEASE	HIGHWAY 160 OGL.pdf
400054624	SURFACE AGRMT/SURETY	HIGHWAY 160 SUA.pdf
400054625	30 DAY NOTICE LETTER	HIGHWAY 160 NOTICE LETTER.pdf
400054626	DEVIATED DRILLING PLAN	HIGHWAY 160 26-2 DIRECTIONAL.pdf
400054627	PROPOSED SPACING UNIT	HIGHWAY 160 26-2 SPACING UNIT MAP.pdf
400054628	MULTI-WELL PLAN	HIGHWAY 160 10 PAD 1N66W2.pdf

Total Attach: 8 Files