

**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

Document Number:  
400166154

Plugging Bond Surety  
20010124

3. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP      4. COGCC Operator Number: 47120

5. Address: P O BOX 173779  
City: DENVER      State: CO      Zip: 80217-3779

6. Contact Name: REBECCA HEIM      Phone: (720)929-6361      Fax: (720)929-7361  
Email: REBECCA.HEIM@ANADARKO.COM

7. Well Name: MORTON      Well Number: 21-12

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

9. Proposed Total Measured Depth: 8171

**WELL LOCATION INFORMATION**

10. QtrQtr: SWNE    Sec: 12    Twp: 1N    Rng: 67W    Meridian: 6  
Latitude: 40.068890      Longitude: -104.836149

Footage at Surface:      1402    feet      FNL/FSL      FNL      1762    feet      FEL/FWL      FEL

11. Field Name: WATTENBERG      Field Number: 90750

12. Ground Elevation: 4905      13. County: WELD

14. GPS Data:  
Date of Measurement: 05/20/2010    PDOP Reading: 1.9    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

1265    FNL    2570    FWL      1265    FNL    2570    FWL

Sec: 12    Twp: 1N    Rng: 67W      Sec: 12    Twp: 1N    Rng: 67W

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: 513 ft

18. Distance to nearest property line: 310 ft    19. Distance to nearest well permitted/completed in the same formation: 797 ft

**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	232	320	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 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):

PLEASE SEE ATTACHED OIL AND GAS LEASE.

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 270

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

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	0	850	595	850	0
1ST	7+7/8	4+1/2	11.6	0	8,171	200	8,171	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. UNIT CONFIGURATION NIOBRARA-CODELL W/2NE/4, E/2NW/4; JSAND N/2

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: REBECCA HEIM

Title: REGULATORY ANALYST II 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
400166182	DEVIATED DRILLING PLAN
400166183	PLAT
400166184	TOPO MAP
400166186	SURFACE AGRMT/SURETY
400166188	OIL & GAS LEASE
400166189	PROPOSED SPACING UNIT
400176669	30 DAY NOTICE LETTER
400176670	EXCEPTION LOC REQUEST

Total Attach: 8 Files

### General Comments

**User Group**      **Comment**      **Comment Date**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

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

Total: 0 comment(s)