



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

Document Number:  
 400182132  
 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  COMMINGLE

Refiling   
 Sidetrack

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: HOWARD Well Number: 10C-29HZ  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 12402

**WELL LOCATION INFORMATION**

10. QtrQtr: SWNE Sec: 32 Twp: 1N Rng: 67W Meridian: 6  
 Latitude: 40.007998 Longitude: -104.910385  
 Footage at Surface: 2491 feet FNL/FSL FNL 1549 feet FEL/FWL FEL  
 11. Field Name: WATTENBERG Field Number: 90750  
 12. Ground Elevation: 5057 13. County: WELD

14. GPS Data:  
 Date of Measurement: 03/17/2011 PDOP Reading: 2.2 Instrument Operator's Name: OWEN MCKEE

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
 Footage at Top of Prod Zone: FNL/FSL 2005 FNL 2146 FEL 2180 FSL 2130 FEL  
 Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
 Sec: 29 Twp: 1N Rng: 67W Sec: 29 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: 354 ft  
 18. Distance to nearest property line: 151 ft 19. Distance to nearest well permitted/completed in the same formation: 1437 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.)
Codell	CODL		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):

SEE ATTACHED OIL AND GAS LEASE

25. Distance to Nearest Mineral Lease Line: 2180 ft 26. Total Acres in Lease: 5753

### 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	9+5/8	36	0	1,100	360	1,100	
1ST	8+3/4	7+0/0	26	0	8,217	760	8,217	
2ND	6+1/8	4+1/2	11.6	0	12,402		12,402	7,203

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

33. Comments No conductor casing will be used. Unit Configuration: SEC.29 W2SE/4, SEC 32 W2NE/4

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
400182151	30 DAY NOTICE LETTER
400182153	DEVIATED DRILLING PLAN
400182154	PLAT
400182155	TOPO MAP
400182156	OIL & GAS LEASE
400182157	OIL & GAS LEASE
400182158	WAIVERS
400182159	EXCEPTION LOC REQUEST
400182160	PROPOSED SPACING UNIT

Total Attach: 9 Files

### General Comments

<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)