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Document Number:  
 400228778  
 PluggingBond SuretyID  
 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: HIDDEN CREEK Well Number: 23-29  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 8363

**WELL LOCATION INFORMATION**

10. QtrQtr: NESW Sec: 29 Twp: 2N Rng: 67W Meridian: 6  
 Latitude: 40.108225 Longitude: -104.916544  
 Footage at Surface: 2231 feet FSL 2039 feet FWL  
 11. Field Name: WATTENBERG Field Number: 90750  
 12. Ground Elevation: 5029 13. County: WELD

14. GPS Data:  
 Date of Measurement: 02/23/2011 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
1320 FSL 2550 FWL 1320 FSL 2550 FWL  
 Sec: 29 Twp: 2N Rng: 67W Sec: 29 Twp: 2N 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: 1965 ft  
 18. Distance to nearest property line: 390 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 959 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.)
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: 1320 ft 26. Total Acres in Lease: 80

### 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	
1ST	7+7/8	4+1/2	11.6	0	8,363	200	8,363	

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

33. Comments No conductor casing will be used. Unit Configuration NB-CD: E/2SW/4, W/2SE/4 The surface location of this well is an exception to Rule 318A.a and to Rule 318A.c. This well is not within the GWA surface location window and does not meet the twinning requirement due to the number of wells planned for this area and at the request of the surface owner. An exception location request letter and signed waivers are attached to the Form 2 and Form 2A.

34. Location ID: 318214

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: 1/9/2012 Email: DJRegulatory@anadarko.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: 1/31/2012

**API NUMBER**  
05 123 35020 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/30/2014

#### 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.

Operator must meet water well testing requirements per Rule 318A.

- 1) Provide 24 hour notice of MIRU to Mike Hickey by e-mail at Mike.Hickey@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Shannon to 200' above Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name
400228778	FORM 2 SUBMITTED
400228784	DEVIATED DRILLING PLAN
400228785	PLAT
400228786	TOPO MAP
400228787	30 DAY NOTICE LETTER
400228788	SURFACE AGRMT/SURETY
400228789	OIL & GAS LEASE
400228791	EXCEPTION LOC REQUEST
400228792	EXCEPTION LOC WAIVERS
400238589	PROPOSED SPACING UNIT
400238599	DIRECTIONAL DATA
400238606	OTHER
400238685	DIRECTIONAL DATA
400242096	DEVIATED DRILLING PLAN

Total Attach: 14 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final Review Completed. No LGD or public comment received.	1/31/2012 10:17:55 AM
Permit	Received corrected directional template and attached. Okay to pass pending public comment 1/30/12.	1/17/2012 2:26:24 PM
Permit	ON HOLD: Directional template does not plot well at the correct BHL.	1/17/2012 11:25:35 AM
Permit	Operator requests omission of open hole logs.	1/17/2012 11:25:30 AM
Permit	Operator requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Request and waivers attached.	1/17/2012 11:25:10 AM
Permit	Directional template does not plot well at the correct BHL.	1/10/2012 8:16:40 AM

Total: 6 comment(s)

### **BMP**

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

Total: 0 comment(s)