

**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:  
2588238

PluggingBond SuretyID  
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: CHERYL LIGHT Phone: (720)929-6461 Fax: (720)929-7461  
Email: DJREGULATORY@ANADARKO.COM

7. Well Name: KNAUB Well Number: 22-27

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

9. Proposed Total Measured Depth: 7248

**WELL LOCATION INFORMATION**

10. QtrQtr: SENW Sec: 27 Twp: 4N Rng: 65W Meridian: 6  
Latitude: 40.285417 Longitude: -104.651267

Footage at Surface: \_\_\_\_\_ feet FNL/FSL \_\_\_\_\_ feet FEL/FWL \_\_\_\_\_ feet FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4749 13. County: WELD

14. GPS Data:  
Date of Measurement: 06/24/2009 PDOP Reading: 4.8 Instrument Operator's Name: CODY MATTSON

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: 1832 ft

18. Distance to nearest property line: 90 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2916 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.)
SUSSEX	SUSX	493-2	80	E/2NW4

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#: 20010125

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 DATED JULY 31, 1984

25. Distance to Nearest Mineral Lease Line: 90 ft 26. Total Acres in Lease: 40

### 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	453	236	453	0
1ST	7+7/8	4+1/2	11.6	0	7,244	175	7,244	6,136
S.C. 1.1					75	60	75	10
S.C. 1.2					4,574	265	4,574	3,446

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

33. Comments A FORM 2A IS NOT REQUIRED FOR THIS RECOMPLETION BECAUSE NO PIT WILL BE CONSTRUCTED AND THERE WILL BE NO ADDITIONAL SURFACE DISTURBANCE BEYOND THE ORIGINALLY DISTURBED AREA. RECOMPLETION FORM 4 DOC # 2588236

34. Location ID: 329873

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: REGULATORY Date: 8/26/2011 Email: DJREGULATORY@

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: 10/19/2011

<b>API NUMBER</b>
05 123 17964 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/18/2013

#### 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 48 hour notice of MIRU to Jim Precup via e-mail at jim.precup@state.co.us.
- 2) Within 30 days after recomplete, submit a Form 5 with a full depth CBL to document both any existing, proposed and required remedial cement in accordance with Rule 308A (change of wellbore configuration) and a Form 5A to document new status of both formations in accordance with Rule 308B.
- 3) Due to the depth of adjacent water wells, place remedial cement to comply with Rule 317.i. Stage cement shall be set from 540' to at least 50' above the existing surface casing shoe.

### Attachment Check List

Att Doc Num	Name
2481157	SURFACE CASING CHECK
2588238	FORM 2 SUBMITTED
2588239	OIL & GAS LEASE
2588240	30 DAY NOTICE LETTER

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comment received; final review completed.	10/19/2011 6:11:23 AM
Permit	Well is not 100 feet from power line. per Cheryl Light, The closest building, road or power line is 1832'	9/27/2011 2:22:54 PM
Permit	On hold notified Chery Light as to the safety issue. 9/26/2011	9/26/2011 11:28:11 AM
Permit	On hold-Well is 100 feet from power line.	8/30/2011 5:42:00 AM

Total: 4 comment(s)

### BMP

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

Total: 0 comment(s)