

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



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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

Refilling
Sidetrack

Document Number:
400092896
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: CHERYL LIGHT Phone: (720)929-6461 Fax: (720)929-7461
Email: CHERYL.LIGHT@ANADARKO.COM

7. Well Name: MOSER Well Number: 19-4

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

9. Proposed Total Measured Depth: 8053

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 4 Twp: 2N Rng: 65W Meridian: 6
Latitude: 40.166719 Longitude: -104.669451

Footage at Surface: 2260 ^{FNL/FSL} FSL 2437 ^{FEL/FWL} FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4859 13. County: WELD

14. GPS Data:

Date of Measurement: 06/19/2010 PDOP Reading: 2.2 Instrument Operator's Name: CHRIS PEARSON

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: ^{FNL/FSL} 1350 ^{FEL/FWL} FSL 1450 ^{FEL/FWL} FWL Bottom Hole: ^{FNL/FSL} 1350 ^{FEL/FWL} FSL 1450 ^{FEL/FWL} FWL
Sec: 4 Twp: 2N Rng: 65W Sec: 4 Twp: 2N Rng: 65W

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: 2260 ft

18. Distance to nearest property line: 209 ft 19. Distance to nearest well permitted/completed in the same formation: 856 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	232	320	W/2
NIOBRARA-CODELL	NB-CD	407	160	SW/4
SUSSEX	SUSX		160	SW/4

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 AND GAS LEASE

25. Distance to Nearest Mineral Lease Line: 1165 ft 26. Total Acres in Lease: 160

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	740	520	740	
1ST	7+7/8	4+1/2	11.6	8,053	200	8,053	
1ST LINER							

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

33. Comments **NO CONDUCTOR CASING WILL BE USED.** Operator requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Waiver attached.

34. Location ID: 318133

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: SEN. REGULATORY ANALYST Date: 9/28/2010 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: David S. Nashine Director of COGCC Date: 10/22/2010

API NUMBER
05 123 32391 00

Permit Number: _____ Expiration Date: 10/21/2012

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 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us.
- 2) Set at least 740' of surface casing per Rule 317A, cement to surface.
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 4) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with set back requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name	Doc Description
2512689	SURFACE CASING CHECK	LF@2604576 2512689
400092896	FORM 2 SUBMITTED	LF@2570347 400092896
400092898	WELL LOCATION PLAT	LF@2570348 400092898
400092899	TOPO MAP	LF@2570349 400092899
400092900	OIL & GAS LEASE	LF@2570350 400092900
400092901	SURFACE AGRMT/SURETY	LF@2570351 400092901
400092902	30 DAY NOTICE LETTER	LF@2570352 400092902
400092903	DEVIATED DRILLING PLAN	LF@2570353 400092903
400092904	EXCEPTION LOC REQUEST	LF@2570354 400092904
400092905	EXCEPTION LOC WAIVERS	LF@2570355 400092905

Total Attach: 10 Files

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