

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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Document Number:

400063106

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 ZONE ☒ COMMINGLE ZONE ☐

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

7. Well Name: WINTER Well Number: 20-19

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

9. Proposed Total Measured Depth: 7172

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 19 Twp: 6N Rng: 64W Meridian: 6

Latitude: 40.466235 Longitude: -104.587045

Footage at Surface: 741 FNL/FSL FSL 930 FEL/FWL FEL

11. Field Name: GREELEY Field Number: 32760

12. Ground Elevation: 4704 13. County: WELD

14. GPS Data:

Date of Measurement: 03/18/2010 PDOP Reading: 2.3 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 1360 FSL 1200 FEL 1360 FEL/FWL 1200 FEL
Sec: 19 Twp: 6N Rng: 64W Sec: 19 Twp: 6N Rng: 64W

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: 671 ft

18. Distance to nearest property line: 230 ft 19. Distance to nearest well permitted/completed in the same formation: 662 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.)
NIOBRARA-CODELL	NB-CD	407	160	SE4
PARKMAN	PRKM	464	160	SE4
SUSSEX	SUSX		160	SE4

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 & GAS LEASE

25. Distance to Nearest Mineral Lease Line: 1200 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	650	455	650	0
1ST	7+7/8	4+1/2	11.6	7,172	200	7,172	6,250
1ST LINER							
			Stage Tool	4,650	320	4,650	3,220

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

33. Comments NO CONDUCTOR CASING WILL BE USED Kerr-McGee Oil & Gas Onshore LP requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window.

34. Location ID: 326733

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: SR. REGULATORY ANALYST Date: 5/20/2010 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. Neslin Director of COGCC Date: 6/18/2010

API NUMBER

05 123 31762 00

Permit Number: _____ Expiration Date: 6/17/2012

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.

Null

COGCC ENG COA - SME

- 1) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara, 200' below to 200' above Sussex and from 200' below to 200' above Parkman. Verify coverage with cement bond log. Restore surface location.

Attachment Check List

Att Doc Num	Name	Doc Description
400063106	FORM 2 SUBMITTED	LF@2480259 400063106
400063115	WELL LOCATION PLAT	LF@2480261 400063115
400063120	TOPO MAP	LF@2480263 400063120
400063123	SURFACE AGRMT/SURETY	LF@2480265 400063123
400063124	30 DAY NOTICE LETTER	LF@2480268 400063124
400063126	DEVIATED DRILLING PLAN	LF@2480270 400063126
400063127	MULTI-WELL PLAN	LF@2480271 400063127
400063632	OIL & GAS LEASE	LF@2480272 400063632
400063633	EXCEPTION LOC WAIVERS	LF@2480274 400063633
400063634	EXCEPTION LOC REQUEST	LF@2480275 400063634

Total Attach: 10 Files