

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 ☒

Refiling ☐
Sidetrack ☐

Document Number:

2557639

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)929-6000 Fax: (720)929-7461

Email: CHERYL.LIGHT@ANADARKO.COM

7. Well Name: WARDELL Well Number: 24-29

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

9. Proposed Total Measured Depth: 8052

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 29 Twp: 3N Rng: 65W Meridian: 6

Latitude: 40.200589 Longitude: -104.682539

	FNL/FSL		FEL/FWL
Footage at Surface: <u>1117</u>	<u>FNL</u>	<u>1297</u>	<u>FEL</u>

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4885 13. County: WELD

14. GPS Data:

Date of Measurement: 03/25/2009 PDOP Reading: 2.4 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
<u>2593</u>	<u>FNL</u>	<u>1303</u>	<u>2593</u>	<u>FNL</u>	<u>1305</u>
		<u>FEL</u>			<u>FEL</u>
Sec: <u>29</u>	Twp: <u>3N</u>	Rng: <u>65W</u>	Sec: <u>29</u>	Twp: <u>3N</u>	Rng: <u>65W</u>

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: 1597 ft

18. Distance to nearest property line: 1117 ft 19. Distance to nearest well permitted/completed in the same formation: 862 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		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 LEASES DATED 10/5/88.

25. Distance to Nearest Mineral Lease Line: 61 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 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	766	348	766	16
1ST	7+7/8	4+1/2	11.6	8,034	590	8,034	3,702

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

33. Comments PROPOSED GWA SPACING UNIT J-SAND: S2NE & N2SE.

34. Location ID: 336267

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: 6/1/2010 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: 6/25/2010

API NUMBER

05 123 25845 00

Permit Number: _____ Expiration Date: 6/24/2012

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2554130	SURFACE CASING CHECK	LF@2492971 2554130
2557639	APD ORIGINAL	LF@2484350 2557639
2557641	OIL & GAS LEASE	LF@2484352 2557641
2557642	30 DAY NOTICE LETTER	LF@2484351 2557642
2557643	SURFACE AGRMT/SURETY	LF@2484353 2557643

Total Attach: 5 Files