

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:

400056041

Plugging Bond Surety

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: SALAZAR Well Number: 23-20

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

9. Proposed Total Measured Depth: 7954

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 20 Twp: 3N Rng: 67W Meridian: 6

Latitude: 40.213977 Longitude: -104.918019

FNL/FSL

FEL/FWL

Footage at Surface: 1696 FNL 1469 FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4903 13. County: WELD

14. GPS Data:

Date of Measurement: 04/14/2010 PDOP Reading: 6.0 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

1300 FSL 2370 FEL 1300 FSL 2370 FEL

Sec: 20 Twp: 3N Rng: 67W Sec: 20 Twp: 3N 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: 1360 ft

18. Distance to nearest property line: 200 ft 19. Distance to nearest well permitted/completed in the same formation: 844 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.)
Nlobrara-Codell	NB-CD	407-87	160	E2SW AND W2SE

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: _____ 60 ft 26. Total Acres in Lease: _____ 239

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	900	630	900	
1ST	7+7/8	4+1/2	11.6	7,794	200	7,794	

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

33. Comments No Conductor Casing will be used Replacement well for the Salazar 23-20A - API # 05-123-30361

34. Location ID: _____ 318725

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: _____ 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: _____ Director of COGCC Date: _____

API NUMBER 05 Permit Number: _____ Expiration Date: _____

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
400056059	DEVIATED DRILLING PLAN	KERR MCGEE SALAZAR 23-20 WELL PLAN (REV-E.0,04-16-10).pdf
400056060	MULTI-WELL PLAN	SALAZAR 4 PAD 3N67W20.pdf
400056061	30 DAY NOTICE LETTER	SALAZAR 23-20 NOTICE LETTER.pdf
400056062	OIL & GAS LEASE	SALAZAR 23-20 OGL.pdf
400056063	PLAT	SALAZAR 23-20 PLAT.pdf
400056064	TOPO MAP	SALAZAR 23-20 TOPO.pdf
400056065	EXCEPTION LOC REQUEST	SALAZAR EXCEPTION LOCATION WAIVER.pdf
400056069	EXCEPTION LOC WAIVERS	Salazar EL Waiver.pdf
400056081	LOCATION PICTURES	SALAZAR 23-20 PICTURE FORMAT-5-PICS.pdf
400056114	PROPOSED SPACING UNIT	SALAZAR 23-20 SPACING UNIT MAP.pdf

Total Attach: 10 Files