

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



Document Number:

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Date Received:

02/10/2012

PluggingBond SuretyID

20030041

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 ☐3. Name of Operator: ANADARKO E&P COMPANY LP4. COGCC Operator Number: 28005. Address: PO BOX 173779City: DENVER State: CO Zip: 802176. Contact Name: Cheryl Light Phone: (720)929-6461 Fax: (720)929-7461Email: cheryl.light@anadarko.com7. Well Name: VENTURERS Well Number: 41-5H

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

9. Proposed Total Measured Depth: 12262

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 19 Twp: 3S Rng: 64W Meridian: 6Latitude: 39.780453 Longitude: -104.584471

Footage at Surface: 963 feet FNL 300 feet FEL
 FNL/FSL FEL/FWL

11. Field Name: WILDCAT Field Number: 9999912. Ground Elevation: 5446 13. County: ADAMS

14. GPS Data:

Date of Measurement: 10/28/2011 PDOP Reading: 2.0 Instrument Operator's Name: BEN MILIUS15. 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
1630 FNL 688 FEL 1630 FNL 460 FWL
 Sec: 19 Twp: 3S Rng: 64W Sec: 19 Twp: 3S Rng: 64W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 300 ft18. Distance to nearest property line: 300 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 950 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	NBRR	535-101		

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 2003004223a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☒ No23b. 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):

Please see attached Oil and Gas Lease.

25. Distance to Nearest Mineral Lease Line: 460 ft

26. Total Acres in Lease: 664

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	9+5/8	36.0	0	1,820	400	1,820	0
1ST	8+3/4	7	26.0	0	7,891	720	7,891	
1ST LINER	6+1/8	4+1/2	11.6	6856	12,262		12,262	

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

33. Comments No conductor casing will be used.

34. Location ID: _____

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: 2/10/2012

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: 3/29/2012

API NUMBER

05 001 09741 00

Permit Number: _____

Expiration Date: 3/28/2014

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) Note surface casing setting depth change from 1710' to 1820'. Increase cement coverage accordingly.
- 2) Provide 24 hour notice of MIRU to COGCC inspector Mike Hickey via e-mail at Mike.Hickey@state.co.us. Indicate Spud Notice in the subject line and provide the following information: Operator Name, Well Name and Number, API #, Spud Date, Contact Name, Contact Phone #, E-mail Address. If well spud after April 1, 2012 submit Form 42 electronically to COGCC 48 hours prior to MIRU.
- 3) Comply with Rule 317.i and provide cement coverage from end of 7" casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Operator will run open hole logs into surface casing on the first well drilled on this pad, either this well or the Venturers 41-4H.

Attachment Check List

Att Doc Num	Name
1771592	SURFACE CASING CHECK
400248521	FORM 2 SUBMITTED
400248529	30 DAY NOTICE LETTER
400248530	OIL & GAS LEASE
400251187	DEVIATED DRILLING PLAN
400251188	TOPO MAP
400251189	PLAT
400251190	OTHER
400251191	DIRECTIONAL DATA

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator revised distance to lease line to reflect the productive interval verses the surface location. per Cheryl Light	3/29/2012 7:40:25 AM
Permit	Spacing order is an exception order to rule 318a on setbacks and distance between wells. The well pays to the lease, not the unit.	3/28/2012 6:09:34 AM
Permit	LGD comment received; final review completed.	3/28/2012 6:03:22 AM
Permit	Change distance to another Niob well to 950 feet to reflect the distance between the two horizontals on this pad and compliance with the Order 535-101.	2/14/2012 7:21:00 AM
LGD	Please change the County designation to Adams	2/13/2012 8:47:57 AM
Permit	Operator corrected Lat Long. This form has passed completeness.	2/13/2012 7:47:34 AM
Permit	Returned to draft. Lat long does not match SHL.	2/13/2012 6:39:36 AM

Total: 7 comment(s)

BMP

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

Total: 0 comment(s)