

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:

400248514

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 LP

4. COGCC Operator Number: 2800

5. Address: PO BOX 173779

City: DENVER State: CO Zip: 80217

6. Contact Name: Cheryl Light Phone: (720)929-6461 Fax: (720)929-7461

Email: cheryl.light@anadarko.com

7. Well Name: VENTURERS Well Number: 41-4H

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

9. Proposed Total Measured Depth: 12229

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 19 Twp: 3S Rng: 64W Meridian: 6

Latitude: 39.780536 Longitude: -104.584471

Footage at Surface: 933 feet FNL/FSL 300 feet FEL/FWL
FNL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5446 13. County: ADAMS

14. GPS Data:

Date of Measurement: 10/28/2011 PDOP Reading: 2.0 Instrument Operator's Name: BEN MILIUS

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
660 FNL 545 FEL 660 FNL 460 FWL
Sec: 19 Twp: 3S Rng: 64W Sec: 19 Twp: 3S Rng: 64W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 300 ft

18. 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	7,856	720	7,856	
1ST LINER	6+1/8	4+1/2	11.6	6125	12,229		12,229	

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 09742 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 1870'. 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 41-5H.

Attachment Check List

Att Doc Num	Name
1771592	SURFACE CASING CHECK
400248514	FORM 2 SUBMITTED
400248515	DEVIATED DRILLING PLAN
400248516	PLAT
400248517	TOPO MAP
400248518	30 DAY NOTICE LETTER
400248519	OIL & GAS LEASE
400251182	DIRECTIONAL DATA
400251183	OTHER

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 7:34:53 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 6:07:27 AM
Permit	LGD comment received; final review completed.	3/28/2012 5:57:20 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 Order 535-101.	2/14/2012 7:19:08 AM
Permit	County designation is still shown as Weld. Wells are in Adams	2/14/2012 6:58:25 AM
LGD	Please chnge the County designation to Adams.	2/13/2012 7:31:02 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)