

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:

400257309

Date Received:

03/09/2012

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: CINDY VUE Phone: (720)929-6832 Fax: (720)929-7832Email: CINDY.VUE@ANADARKO.COM7. Well Name: SUN EMPIRE Well Number: 17-31-8H

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

9. Proposed Total Measured Depth: 12418

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 17 Twp: 3S Rng: 65W Meridian: 6Latitude: 39.795293 Longitude: -104.695532

Footage at Surface: 1131 feet FNL/FSL 382 feet FEL/FWL
 FNL FWL

11. Field Name: WILDCAT Field Number: 9999912. Ground Elevation: 5448 13. County: ADAMS

14. GPS Data:

Date of Measurement: 09/23/2011 PDOP Reading: 2.5 Instrument Operator's Name: CHRIS BOUB15. 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 _____
1980 FNL 630 FWL 1980 FNL 460 FEL
 Sec: 17 Twp: 3S Rng: 65W Sec: 17 Twp: 3S Rng: 65W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 1070 ft18. Distance to nearest property line: 382 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 11200 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	535-89	640	ALL

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#: _____23a. 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):

SEE ATTACHED OIL AND GAS LEASES.

25. Distance to Nearest Mineral Lease Line: 460 ft

26. Total Acres in Lease: 484

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	13+1/2	9+5/8	36#	0	1,880	670	1,880	0
1ST	8+3/4	7	26#	0	8,217	740	8,217	0
1ST LINER	6+1/8	4+1/2	11.6#	7177	12,418	0		

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: CINDY VUE

Title: REGULATORY ANALYST II Date: 3/9/2012 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: _____ 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
400257309	FORM 2 SUBMITTED
400257320	OTHER
400257321	PLAT
400257322	TOPO MAP
400259971	OIL & GAS LEASE
400259972	30 DAY NOTICE LETTER
400260027	DEVIATED DRILLING PLAN
400260028	DIRECTIONAL DATA
400260056	DIRECTIONAL DATA

Total Attach: 9 Files

General Comments

User Group **Comment** **Comment Date**

--	--	--

Total: 0 comment(s)

BMP

Type **Comment**

--	--

Total: 0 comment(s)