

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400410672

Date Received:

05/13/2013

PluggingBond SuretyID

20130007

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER ☐ Vertical Pilot
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☒

Sidetrack ☐

3. Name of Operator: EE3 LLC

4. COGCC Operator Number: 10450

5. Address: 4410 ARAPAHOE AVENUE #100

City: BOULDER State: CO Zip: 80303

6. Contact Name: CLAYTON DOKE Phone: (303)216-0703 Fax: (303)216-2139

Email: cdoke@iptengineers.com

7. Well Name: HEBRON Well Number: 2-07H

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

9. Proposed Total Measured Depth: 7600

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 7 Twp: 7N Rng: 80W Meridian: 6

Latitude: 40.598306 Longitude: -106.415469

Footage at Surface: 420 feet FNL/FSL 2361 feet FEL/FWL
FNL FEL

11. Field Name: Unnamed Field Number: 85251

12. Ground Elevation: 8130 13. County: JACKSON

14. GPS Data:

Date of Measurement: 11/21/2008 PDOP Reading: 0.8 Instrument Operator's Name: UINTAH ENGINEERING & LAND SURVEYING

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

Sec: Twp: Rng: Sec: Twp: Rng:

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: 1694 ft

18. Distance to nearest property line: 420 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 537 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	531-2	628	All

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):

Township 7 North, Range 80 West, 6th P.M., Section 7: Lots 1-4, E½ W½ and E½

25. Distance to Nearest Mineral Lease Line: 420 ft

26. Total Acres in Lease: 628

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: Back fill and cover

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
CONDUCTOR	20	16		0	60	60	60	0
SURF	12+1/4	9+5/8	36	0	1,000	405	1,000	0
OPEN HOLE	8+3/4			0	7,600			

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

33. Comments Distance cited in #17 is to a public road. The distance to the nearest building is 2790'. All documents were executed under the previous operator of record, but were transferred along with the acreage pursuant to the purchase agreement already on file with the state (Doc #: 400395635). This well is a pilot hole, its BHL is not within the legal setback from the offsetting unit boundary for order #531-2 and will not be completed or produced. Thus question #19 is blank.

34. Location ID: 413754

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: CLAYTON DOKE

Title: SENIOR ENGINEER

Date: 5/13/2013

Email: cdoke@iptengineers.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 7/21/2013

API NUMBER

05 057 06499 00

Permit Number: _____

Expiration Date: 7/20/2015

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

Applicable Policies and Notices to Operators

NW Colorado Notification Policy.

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400410672	FORM 2 SUBMITTED
400410686	WELL LOCATION PLAT
400417078	DEVIATED DRILLING PLAN

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrections have been made to the 2A. Final Review Complete.	7/15/2013 3:59:00 PM
Permit	This form is ready to pass however the form 2A is in need of a clean-up: The operator of record is still EOG - should it be changed to EE3 ? = Form 10 The permit expired in 2010 - it needs a refile APD or an Abandon Location sundry ASAP Form is on hold.	7/3/2013 2:59:17 PM
Permit	Final review complete.	6/26/2013 4:22:34 PM
Permit	Form 2A doc 400392924 Marr Pad iis waiting on opr OGLA Requirements.	6/20/2013 10:06:05 AM
Permit	Corrected distance to nearest well to 530 (TOP for Marr 6-07H); corrected comment language,corrected spacing order number from obj. formation and notified opr. Form is ready to pass pending public comment on 6/4/13.	5/31/2013 9:13:20 AM
Permit	This well was originally permitted by EOG as a single horizontal wellbore. EE3 plans to drill this well as a vertical pilot wellbore with a horizontal lateral sidetrack wellbore. This refile of the -00 wellbore changes it from a horizontal well to a vertical pilot wellbore. Another APD has been submitted for the -01 horizontal lateral sidetrack wellbore.	5/22/2013 10:56:07 AM
Engineer	added "open hole" to casing tab, to 7600' TD noted on front (left) tab. put 8.75" for hole size, which may or may not be what operator plans	5/15/2013 11:21:29 AM
Engineer	THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 140 FEET DEEP.	5/15/2013 11:02:45 AM
Permit	Pass completeness.	5/14/2013 8:41:49 AM

Total: 9 comment(s)

BMP

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