

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:

400258387

Date Received:

03/09/2012

PluggingBond SuretyID

20050122

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER lateral
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☒

3. Name of Operator: HILCORP ENERGY COMPANY

4. COGCC Operator Number: 10133

5. Address: P O BOX 61229

City: HOUSTON State: TX Zip: 77208

6. Contact Name: John McKnight Phone: (713)289-2755 Fax: (713)209-2478
Email: jmcknight@hilcorp.com

7. Well Name: State of Colorado Well Number: 24-33BH

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

9. Proposed Total Measured Depth: 9259

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 33 Twp: 14S Rng: 63W Meridian: 6

Latitude: 38.782460 Longitude: -104.453100

Footage at Surface: 625 feet FSL 2065 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5918 13. County: EL PASO

14. GPS Data:

Date of Measurement: 03/03/2012 PDOP Reading: 1.2 Instrument Operator's Name: K. Daley

15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FNL/FSL Bottom Hole: FNL/FSL FNL/FSL
745 FSL 2061 FWL 600 FNL 1980 FWL
Sec: 33 Twp: 14 Rng: 63 Sec: 33 Twp: 14 Rng: 63

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: 620 ft

18. Distance to nearest property line: 564 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 716 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			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: ST-9176.7

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20110175

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):

T14S R63W Sec. 33: NW, S2

25. Distance to Nearest Mineral Lease Line: 600 ft

26. Total Acres in Lease: 480

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: CLOSED LOOP

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	17+1/2	16+3/8	0	0	40	0	40	0
SURF	13+1/2	10+3/4	40.50	0	1,600	550	1,600	0
1ST	8+1/2	5+1/2	20	0	9,259	1,310	9,259	0

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

33. Comments This application is for the Horizontal portion of the well, the pilot hole APD, Doc. No. 400258939, was also submitted.

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: Chris F. McRickard

Title: Permit Agent

Date: 3/9/2012

Email: chris@banko1.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: 5/18/2012

API NUMBER

05 041 06073 01

Permit Number: _____

Expiration Date: 5/17/2014

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) Provide 48 hour notice prior to spud via Form 42.
- 2) Provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name
1698861	DRILLING PLAN
2331963	SURFACE CASING CHECK
2332575	LANDOWNER NOTICE - COGCC RULE 305.e(1)A
400258387	FORM 2 SUBMITTED
400260142	PLAT
400260143	TOPO MAP
400260145	DRILLING PLAN
400260146	DEVIATED DRILLING PLAN
400260485	DIRECTIONAL DATA

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review passed 5/15/2012 NKP	5/15/2012 2:41:11 PM
Permit	Per opr: drilling program submitted 4/20/2012 is accurate, please correct distance to nearest permitted/completed well to 716 feet, distance to the pilot hole.	5/15/2012 1:42:02 PM
Engineer	Changed 5 1/2" casing sx cement to 1310 (620+690) per new drilling plan.	5/9/2012 11:16:25 AM
Permit	We are good with Hilcorp location and bond per State Land Board 4/19/2012	4/19/2012 4:53:35 PM
Permit	Per opr, casing program to be changed at suggestion of COGCC engineering. On hold awaiting information. 4/12/2012	4/19/2012 2:16:43 PM
Permit	Opr verified that there is no unit configuration and that bottom hole location is 600 feet from nearest mineral lease line. Rule 318.a requires that production be at least 600 feet from nearest lease line.	4/12/2012 7:51:54 AM
Permit	Email to opr to to verify unit configuration and distance to mineral lease line. Email to State Land Board to verify lease. 2/11/2012 NKP	4/11/2012 10:50:00 AM
LGD	No comment per DKM.	3/29/2012 2:56:08 PM
Permit	Operator attached directional template and corrected casing information. This form has passed completeness.	3/13/2012 6:56:56 AM
Permit	Returned to draft. Missing directional template. Cement set depth is deeper then proposed measured depth.	3/12/2012 7:09:32 AM

Total: 10 comment(s)

BMP

Type	Comment

Total: 0 comment(s)