

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



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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 ☐

Document Number:

2285267

PluggingBond SuretyID

20050122

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)209-2494 Fax: (713)209-2478

Email: CHRIS@BANKO1.COM

7. Well Name: HSR-NAZARENUS Well Number: 16-8

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

9. Proposed Total Measured Depth: 8028

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 8 Twp: 2S Rng: 64W Meridian: 6

Latitude: 39.887080 Longitude: -104.568138

Footage at Surface: 990 feet FNL/FSL 990 feet FEL/FWL FEL

11. Field Name: TRAPPER SOUTH Field Number: 83845

12. Ground Elevation: 5253 13. County: ADAMS

14. GPS Data:

Date of Measurement: 10/26/2010 PDOP Reading: 3.9 Instrument Operator's Name: D. Vara

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: 1030 ft

18. Distance to nearest property line: 990 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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		160	SE/4

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#: 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):

E/2SW, SE/4 SEC 8:2S R64W 6PM

25. Distance to Nearest Mineral Lease Line: 990 ft

26. Total Acres in Lease: 240

### 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: No cuttings.

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	8+5/8	23	0	448	315	448	0
1ST	7+7/8	4+1/2	11.6	0	8,015	215	8,015	6,730
			Stage Tool		1,808	640	1,808	96

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

33. Comments TD IS 8028. CIB P WILL BE AT 7500'. RECOMPLETION FORM 4 DOC #2285265.

34. Location ID: 377340

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: PROJECT COORDINATOR

Date: 10/20/2011

Email: CHRIS@BANKO1.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: David S. Neslin

Director of COGCC Date: 11/17/2011

#### API NUMBER

05 001 09309 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/16/2013

#### 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
2285267	FORM 2 SUBMITTED

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator changed wellbore spacing to SE/4	11/17/2011 10:29:15 AM
Permit	On hold - Proposed spacing unit should be SE/4. Operator verification required.	11/16/2011 4:49:18 PM
Permit	No LGD or public comment received; final review completed. Sundry for recomplete still pending 11/16/2011	11/16/2011 6:39:40 AM
Permit	Updated permit with lease and unit information.	10/27/2011 10:28:07 AM
Permit	On hold-Operator must declare a wellbore spacing unit .per rule 318A.	10/26/2011 10:16:26 AM
Permit	On holdLease description needs to be revised	10/26/2011 10:15:52 AM
LGD	All Well Production Facilities will be fenced and locked.	10/25/2011 3:24:22 PM
Permit	Input the following information for the operator with email ok. Plugging bond ID #? - CO Blanket Plugging: 20050122 GPS data including date PDOP reading and Instr. Op's Name - ? Is this area high density? – NO. Distance to the nearest building, public road, above ground utility, or railroad? - 1030' Distance to property line? – 990' Distance to nearest well permitted/ completed in the same formation (BHL)? - 5280' – Nothing is within a mile in the same formation. Distance to nearest mineral lease line? – 990' Mud disposal location (on or offsite) and method? No Onsite or Offsite mud disposal as this is a recompletion. No drilling will take place. Location ID #? - 377340	10/25/2011 2:35:49 PM
Permit	Sent Operator Email 10/21/11. Missing plugging bond. GPS data (#14), #16,17,18,19,24 Location ID #	10/21/2011 10:24:40 AM
Data Entry	CHECK CASING STRING DV TOOL - NOT OFFERED ON PULL DOWN.	10/21/2011 9:21:14 AM

Total: 10 comment(s)

### BMP

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

Total: 0 comment(s)