

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:

400353078

Date Received:

12/12/2012

PluggingBond SuretyID

20110198

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: CONDOR ENERGY TECHNOLOGY LLC

4. COGCC Operator Number: 10394

5. Address: 3315 HIGHWAY 50

City: SILVER SPRINGS State: NV Zip: 89429

6. Contact Name: Angie Galvan Phone: (281)716-5730 Fax: (281)815-2882

Email: Angie.Galvan@stxra.com

7. Well Name: Waves Well Number: 2H

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

9. Proposed Total Measured Depth: 11669

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 18 Twp: 7N Rng: 59W Meridian: 6

Latitude: 40.568750 Longitude: -104.030320

Footage at Surface: 274 feet FSL 313 feet FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4888 13. County: WELD

14. GPS Data:

Date of Measurement: 09/02/2012 PDOP Reading: 1.8 Instrument Operator's Name: MARC WOODARD

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 \_\_\_\_\_  
640 FSL 650 FWL 1550 FNL 680 FEL  
Sec: 18 Twp: 7N Rng: 59W Sec: 18 Twp: 7N Rng: 59W

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: 240 ft

18. Distance to nearest property line: 274 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1 mi

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	535-205	640	Sect 18 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):  
 Lot 2, Lot 3, Lot 4, SE/4NW/4, E/2SW/4, SE/4, Section 18, Township 7 North, Rnage 59, 6th PM and W/2 Section 23 Township 7 North, Range 60 West, 6th PM Weld County, Colorado

25. Distance to Nearest Mineral Lease Line: 0 ft                      26. Total Acres in Lease: 726

**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
CONDUCTOR	24	16	75	0	40	20	40	0
SURF	12+1/4	9+5/8	36	0	1,000	500	1,000	0
1ST	8+3/4	7	23	0	6,560	650	6,560	
1ST LINER	6+1/8	4+1/2	11.6	5440	11,649			

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

33. Comments    This Form 2 is being submitted with the Form 2A (Document Number 400353121)

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: Angie Galvan

Title: Regulatory Analyst                      Date: 12/12/2012                      Email: Angie.Galvan@stxra.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: *Matthew Lee*                      Director of COGCC                      Date: 1/17/2013

<b>API NUMBER</b>
05 123 36587 00

Permit Number: \_\_\_\_\_                      Expiration Date: 1/16/2015

**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) Provide 48 hour notice prior to spud via electronic Form 42.
- 2) Provide cement coverage 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.

**Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

**Attachment Check List**

Att Doc Num	Name
2485061	SURFACE CASING CHECK
400353078	FORM 2 SUBMITTED
400353111	WELL LOCATION PLAT
400356221	30 DAY NOTICE LETTER
400357282	DIRECTIONAL DATA
400357283	DEVIATED DRILLING PLAN

Total Attach: 6 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final Review Completed. No LGD or public comment received.	1/17/2013 1:28:01 PM
Engineer	No existing wells within 500' of proposed directional w/o zonal isolation.	1/2/2013 9:51:22 AM
Permit	Corrected surface and minerals information to match form 2A.	12/18/2012 10:51:16 AM
Permit	Horizontal wellbore crosses lease line. Distance to nearest lease line is 0 feet, distance to nearest unit/pooling boundary is 640 feet.	12/18/2012 10:51:14 AM
Permit	Operator made corrections.	12/17/2012 3:43:17 PM
Permit	Return to draft: 1. question #11, field number, is incomplete, 2. question #15 conflicts w/submitted info, if directional/hz drilled, this must be indicated, 3. question #15, submitted PZL 660' FWL, does not match DDplan or plat, 4. question #23 is incomplete, 5. question #25 is incomplete.	12/16/2012 2:17:11 PM

Total: 6 comment(s)

## BMP

<u>Type</u>	<u>Comment</u>
Construction	<p>Operator has designed the well pad with insloping and a storm water control ditch to prevent storm water run-off/run-on and the release of fluids for the location. See attached Construction Layout Drawing.</p> <p>The Location will be fenced and the fenced area will include the Fresh Water Storage Pit.</p>
Drilling/Completion Operations	<p>Operator will ensure 110 percent secondary containment for any volume of fluids contained at the well site during drilling and completion. Operator will implement best management practices to contain any unintentional release of fluids.</p> <p>Fresh water for the Fresh Water Storage Pit comes from a water provider; water sources permitted for consumable industrial use.</p>

Total: 2 comment(s)