

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:

400456672

Date Received:

07/25/2013

## 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

PluggingBond SuretyID

20120081

3. Name of Operator: PICEANCE ENERGY LLC 4. COGCC Operator Number: 10433

5. Address: 1512 LARIMER STREET #1000  
City: DENVER State: CO Zip: 80202

6. Contact Name: Julie Webb Phone: (303)339-4400 Fax: ()  
Email: jwebb@progressivepcs.net

7. Well Name: Vega Unit Well Number: 34-341

8. Unit Name (if appl): Vega Unit Number: COC 47696B

9. Proposed Total Measured Depth: 8196

## WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 34 Twp: 9S Rng: 93W Meridian: 6

Latitude: 39.229580 Longitude: -107.750200

Footage at Surface: 1188 feet FNL/FSL FSL 1117 feet FEL/FWL FEL

11. Field Name: Vega Field Number: 85930

12. Ground Elevation: 7877 13. County: MESA

### 14. GPS Data:

Date of Measurement: 09/11/2007 PDOP Reading: 6.0 Instrument Operator's Name: J. Kalmon, Bookcliff Surveying

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

Footage at Top of Prod Zone: FNL/FSL 865 FSL 2070 FEL FEL Bottom Hole: FNL/FSL 865 FSL 2070 FEL FEL  
Sec: 34 Twp: 9S Rng: 93W Sec: 34 Twp: 9S Rng: 93W

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: 3206 ft

18. Distance to nearest property line: 124 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 605 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.)
ILES	ILES	399-4		
WILLIAMS FORK	WMFK	399-4		

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#:

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):

T9S-R93W: Sec. 34: W2/SE4, E2/SW4

25. Distance to Nearest Mineral Lease Line: 865 ft 26. Total Acres in Lease: 160

### 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	24	16	55	0	60	200	60	0
SURF	12+1/4	8+5/8	24, 32	0	2200	740	2200	0
1ST	7+7/8	4+1/2	11.6	0	8196	477	8196	5478

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

33. Comments I certify that all conditions in the original permit are the same. There have been no changes to land use, well construction or the lease. This pad is built. No expansion or additional disturbance will occur. Closed loop system will be used. Piceance Energy is the surface owner to the west and north of the pad, waiving Rule 603a.. This Refile Form 2 does not require a Form 2A because the pad has been constructed, a closed loop system is being used so no pits need to be constructed, the refiled well will not require any expansion/additional surface disturbance of the pad. The location is not in a wildlife restricted surface occupancy area (RSO); consultation with CDOW is not required and the location does not require a variance from any of the rules listed in 306.d.(1).(A).(ii).; consultation with CDPHE is not required. Casing plan- Production casing top of cement will be >500' above top of gas. Conductor casing was set during the first week of November 2008. Exception location request letter and waiver in well file.

34. Location ID: 334432

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: Julie Webb

Title: Regulatory Analyst Date: 7/25/2013 Email: jwebb@progressivepcs.net

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: 8/23/2013

API NUMBER  
05 077 09530 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/22/2015

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.

**COA Type**

**Description**

	(1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.  (2) COMPLIANCE WITH THE NOTICE TO OPERATORS DRILLING WELLS IN THE BUZZARD, MAMM CREEK, AND RULISON FIELDS, GARFIELD COUNTY AND MESA COUNTY IS REQUIRED. (PROCEDURES AND SUBMITTAL REQUIREMENTS FOR COMPLIANCE WITH COGCC ORDERS NOS. 1-107, 139-56, 191-22, AND 369-2 (JULY 8, 2010)). SEE ATTACHED NOTICE.
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**Applicable Policies and Notices to Operators**

NW Colorado Notification Policy.
Bradenhead Pressure Reporting-Garfield County (Mamm Creek & Rulison Fields) Mesa County (Buzzard Field).
Notice Concerning Operating Requirements for Wildlife Protection.

**Attachment Check List**

**Att Doc Num**

**Name**

400456672	FORM 2 SUBMITTED
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Total Attach: 1 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Oper. sub. sundry #400470630 for Loc. ID #334432 to report conductors set on this pad. No LGD or public comments. Final Review--passed.	8/21/2013 12:55:50 PM
Permit	Corrected obj. fm. tab. Corrected dist. to min. lease per oper. Distance to nearest unit boundary is 865'. Exception location req. ltr. & waiver in well file. Inactive built location reported to FIU 9/12. Req'd sundry to report conductor setting.	8/19/2013 10:54:39 AM
Engineer	corrected BHL range from "10S" to "9S"	8/7/2013 11:21:06 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 590 FEET DEEP.	8/7/2013 11:21:05 AM
Permit	Passes Completeness.	7/26/2013 2:19:09 PM

Total: 5 comment(s)

**Best Management Practices**

**No BMP/COA Type**

**Description**

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