

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400453282

Date Received:

07/23/2013

PluggingBond SuretyID

20120081

## 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: 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: 4-441

8. Unit Name (if appl): Vega Unit Number: COC047696  
A

9. Proposed Total Measured Depth: 8101

## WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 4 Twp: 10S Rng: 93W Meridian: 6  
Latitude: 39.217608 Longitude: -107.765940

Footage at Surface: 2093 feet FNL/FSL FSL 405 feet FEL/FWL FEL

11. Field Name: Vega Field Number: 85930

12. Ground Elevation: 8132 13. County: MESA

### 14. GPS Data:

Date of Measurement: 07/02/2008 PDOP Reading: 6.0 Instrument Operator's Name: J. Kirkpatrick, Bookcliff Surveying

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

Footage at Top of Prod Zone: FNL/FSL 800 FSL 90 FEL FEL Bottom Hole: FNL/FSL 800 FSL 90 FEL FEL  
Sec: 4 Twp: 10S Rng: 93W Sec: 4 Twp: 10S 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: 958 ft

18. Distance to nearest property line: 405 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 521 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):

T10S- R93W: Sec. 4: S2/SE, SESW

25. Distance to Nearest Mineral Lease Line: 90 ft 26. Total Acres in Lease: 120

### 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	32	0	2200	740	2200	0
1ST	7+7/8	4+1/2	11.6	0	8101	477	8101	5337

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. There will not be a 30 day letter or SUA attached. 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. Distance to Nearest Mineral Lease Line is 90'. BHL within Unit.

34. Location ID: 334439

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: 7/23/2013 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: 8/15/2013

**API NUMBER**  
05 077 09572 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/14/2015

**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.
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**Applicable Policies and Notices to Operators**

NW Colorado Notification Policy.
Notice Concerning Operating Requirements for Wildlife Protection.

**Attachment Check List**

**Att Doc Num**

**Name**

400453282	FORM 2 SUBMITTED
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Total Attach: 1 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	No LGD or public comments. Final Review--passed.	8/15/2013 11:09:38 AM
Permit	Per oper. corrected lease description. Corrected obj. fm. tab. Distance to nearest unit boundary is 390'. Added location to inactive location spreadsheet.	3/9/2013 8:16:23 AM
Engineer	OPERATOR-PROPOSED PRODUCTION CASING CEMENT TOP OF ">500 FEET ABOVE TOP OF GAS" IS ACCEPTABLE.	3/7/2013 3:57:48 PM
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 440 FEET DEEP.	3/7/2013 3:57:30 PM
Permit	This form has passed completeness.	7/24/2013 11:52:43 AM

Total: 5 comment(s)

**Best Management Practices**

**No BMP/COA Type**

**Description**

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