

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:

2064281

Date Received:

04/27/2012

## 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

3. Name of Operator: MESA ENERGY PARTNERS LLC

4. COGCC Operator Number: 10316

5. Address: 1001 17TH ST STE 1140

City: DENVER State: CO Zip: 80202

6. Contact Name: DAVE CESARK Phone: (970)683-5447 Fax: ()

Email: LBENNETT@MESA-ENERGY.NET

7. Well Name: COYOTE BASIN UNIT Well Number: 29-12-397

8. Unit Name (if appl): COYOTE BASIN Unit Number: COC-75144X

9. Proposed Total Measured Depth: 9742

## WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 29 Twp: 3N Rng: 97W Meridian: 6

Latitude: 40.199910 Longitude: -108.308700

Footage at Surface: 2617 feet FNL/FSL FSL 849 feet FEL/FWL FWL

11. Field Name: COLOROW GULCH Field Number: 11570

12. Ground Elevation: 5853.4 13. County: RIO BLANCO

## 14. GPS Data:

Date of Measurement: 09/11/2011 PDOP Reading: 1.8 Instrument Operator's Name: E.J. GRABOWSKI

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: 8700 ft

18. Distance to nearest property line: 4380 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1 mi

## 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.)
DAKOTA	DKTA			
FRONTIER	FRTR			
MORRISON	MRSN			
MOWRY	MWRY			
NIOBRARA	NBRR			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC-65818

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):

NE, S2 OF SECTION 20; ALL OF SECTION 21; NE, SWNW, W2SW, SESW OF SECTION 28; ALL OF SECTION 29 OF T3N, R97W

25. Distance to Nearest Mineral Lease Line: 849 ft 26. Total Acres in Lease: 2080

### 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: REUSE AT 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	20	16		0	80		80	0
SURF	12+1/4	9+5/8	36	0	1,000	400	1,000	0
1ST	10+3/4	8+5/8	23	0	4,750	475	4,750	800
2ND	7+7/8	5+1/2	20	0	9,742	866	9,742	4,550

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

33. Comments SIDETRACK KOP IS 4,874' (SEE ATTACHED WELL BORE SCHEMATIC, COGCC ENGINEER DAVID ANDREWS GRANTED APPROVAL FOR SIDETRACK ON 4/19/2012)

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: LARRY S. BENNETT

Title: SR. VICE PRESIDENT Date: 3/26/2012 Email: LBENNETT@MESA-

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: 4/30/2012

**API NUMBER**

05 103 11908 01

Permit Number: \_\_\_\_\_ Expiration Date: 4/29/2014

**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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

(3) 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 00 FEET DEEP.

(4) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

### **Attachment Check List**

Att Doc Num	Name
2064281	FORM 2 SUBMITTED

Total Attach: 1 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	sundry for unplanned sidetrack #2129307 approved 4/30/12. Final Review--passed.	4/30/2012 11:01:40 AM
Engineer	OPR (Dan Gibson) explains proposed casing specifications: "The size of the hole for the first string is 10 3/4" this is larger than the casing above it because we used an expandable reamer."	4/30/2012 8:26:21 AM
Engineer	fish in hole is drill-pipe: 5200' - 5765' (42.5#/ft). cement plug to be 4700' down to 5200'	4/27/2012 3:56:03 PM
Permit	Made hole/casing changes per oper.'s email. Added Obj. Fms. and missing #17-19 per oper.'s instructions. Added FSL and FWL to SHL. Added related sundry doc #2129307.	4/27/2012 2:03:26 PM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)