

FORM
2Rev
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



DE ET OE ES

Document Number:

400222679

PluggingBond SuretyID

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: 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: David Cesark Phone: (970)683-5447 Fax: (970)683-5499
Email: dcesark@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 location

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	8+3/4	7	23#	0	4,750	475	4,750	800
2ND	6+1/4	4+1/2	11.6#	0	9,742	517	9,742	4,550

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

33. Comments

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: Patricia Kacerguis

Title: Sr VP Land & Admin Date: 12/2/2011 Email: pkacerguis@mesa-energy.net

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: 12/27/2011

API NUMBER

05 103 11908 00

Permit Number: _____ Expiration Date: 12/26/2013

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.

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

(2) 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.

(3) THE 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.

Attachment Check List

Att Doc Num	Name
400222679	FORM 2 SUBMITTED
400228844	FED. DRILLING PERMIT
400228848	SURFACE PLAN
400228852	DRILLING PLAN
400228869	FED. DRILLING PERMIT
400229334	WELL LOCATION PLAT

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No public or LGD comments Comprehensive Final Review status -- Passed	12/27/2011 9:49:24 AM
Permit	Changed distance to nearest surface feature changed to correlate with OGLA	12/6/2011 3:50:01 PM
Permit	Operator erased plugging bond, answered #19, 22a, and attached the plat. Form has passed completeness.	12/6/2011 6:23:36 AM
Permit	Returned to draft. Invalid plugging bond. Missing #19, 22a, well location plat attachment.	12/5/2011 8:46:33 AM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)