

FORM
2

Rev
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



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Document Number:

400174970

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: FOUNDATION ENERGY MANAGEMENT LLC

4. COGCC Operator Number: 10112

5. Address: 14800 LANDMARK BLVD STE #220

City: DALLAS State: TX Zip: 75254

6. Contact Name: Lisa Smith Phone: (303)8579999 Fax: (303)4509200

Email: Ispermitco@aol.com

7. Well Name: Banta Ridge Federal Well Number: 5-18-1-103

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 4736

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 18 Twp: 1S Rng: 103W Meridian: 6

Latitude: 39.957325 Longitude: -109.005475

Footage at Surface: 1229 feet FSL 618 feet FWL

11. Field Name: Banta Ridge Field Number: 5200

12. Ground Elevation: 6055 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 01/27/2011 PDOP Reading: 1.9 Instrument Operator's Name: Gary Streeter

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

Footage at Top of Prod Zone: FNL/FSL FSL FEL/FWL Bottom Hole: FNL/FSL FSL FEL/FWL
1951 FSL 650 FWL 1951 FSL 650 FWL
Sec: 18 Twp: 1S Rng: 103 Sec: 18 Twp: 1S Rng: 103
W W

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: 5280 ft

18. Distance to nearest property line: 650 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 619 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.)
Mancos B	MNCSB			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC56873

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):

See Attached

25. Distance to Nearest Mineral Lease Line: 618 ft

26. Total Acres in Lease: 1597

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
SURF	12+1/4	8+5/8	24	0	300	100	300	0
1ST	7+7/8	4+1/2	11.6	0	4,736	970	4,736	0

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

33. Comments 2000 PSI

34. Location ID: 311839

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: Lisa Smith

Title: President Date: 6/16/2011 Email: lspermitco@aol.com

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 G. Neslin

Director of COGCC Date: 10/16/2011

API NUMBER

05 103 11892 00

Permit Number: _____ Expiration Date: 10/15/2013

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) 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) 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.

(4) 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
2089482	FED. DRILLING PERMIT
2089502	EXCEPTION LOC REQUEST
2089515	WAIVERS
400174970	FORM 2 SUBMITTED
400175930	LEGAL/LEASE DESCRIPTION
400175931	SURFACE PLAN
400175932	WELL LOCATION PLAT
400176120	DEVIATED DRILLING PLAN

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	BLM waiver for exception location attached. Exception is for proximity of wells less than 1200 required by Rule 318.	10/16/2011 8:51:30 PM
Permit	No public comments Comprehensive Final Review status -- Passed	10/13/2011 1:13:16 PM
Permit	BLM documentation was attached	10/13/2011 1:13:14 PM
Permit	Attached Foundation exception request Waiting on BLM approval of exception	9/30/2011 10:57:12 AM
Permit	Attached federal APD	9/2/2011 1:39:34 PM
Permit	Added commingle as no and location id	7/14/2011 2:40:58 PM
Permit	lisa smith not listed as agent for operator in our records. e-mailed lisa requesting form 1. also failed to check line 36 under oper. comments. 6/17/11 bjw	6/17/2011 9:44:19 AM

Total: 7 comment(s)

BMP

Type

Comment

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Total: 0 comment(s)