

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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APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refilling
Sidetrack

Document Number:
400089966
Plugging Bond Surety
20060105

3. Name of Operator: APOLLO OPERATING LLC 4. COGCC Operator Number: 10051

5. Address: 1538 WAZEE ST STE 200
City: DENVER State: CO Zip: 80202

6. Contact Name: Virginia Lopez Phone: (303)928-7128 Fax: (303)423-8765
Email: virginia@petro-fs.com

7. Well Name: Mesbergen Well Number: 45-3D

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

9. Proposed Total Measured Depth: 8080

WELL LOCATION INFORMATION

10. QtrQtr: SE/SE Sec: 3 Twp: 6N Rng: 66W Meridian: 6
Latitude: 40.511283 Longitude: -104.756706

Footage at Surface: 429 FNL/FSL FSL 680 FEL/FWL FEL

11. Field Name: Eaton Field Number: 19350

12. Ground Elevation: 4900 13. County: WELD

14. GPS Data:

Date of Measurement: 09/22/2010 PDOP Reading: 6.0 Instrument Operator's Name: Ben Milius

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

Footage at Top of Prod Zone: FNL/FSL 429 FSL 680 FEL FEL Bottom Hole: FNL/FSL 1300 FSL 1336 FEL FEL
Sec: 3 Twp: 6N Rng: 66W Sec: 3 Twp: 6N Rng: 66W

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: 323 ft

18. Distance to nearest property line: 182 ft 19. Distance to nearest well permitted/completed in the same formation: 1080 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.)
JSAND	JSND		160	SE/4
Niobrara-Codell	NB-CD	407	160	SE/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 Bon \$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):
Please see the attached mineral lease map.

25. Distance to Nearest Mineral Lease Line: 18 ft 26. Total Acres in Lease: 88

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal: Offsite Onsite
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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	500	350	500	0
1ST	7+7/8	4+1/2	11.6	8,080	500	8,080	

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

33. Comments No conductor casing will be used. Apollo Operating LLC requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window.

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: Virginia Lopez

Title: Regulatory Technician Date: 10/4/2010 Email: virginia@petro-fs.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 S. Neslin Director of COGCC Date: 11/4/2010

API NUMBER
05 123 29426 00

Permit Number: _____ Expiration Date: 11/3/2012

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) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name	Doc Description
2110544	DEVIATED DRILLING PLAN	LF@2599255 2110544
2622086	EXCEPTION LOC WAIVERS	LF@2611892 2622086
2622087	EXCEPTION LOC REQUEST	LF@2611914 2622087
400089966	FORM 2 SUBMITTED	LF@2597914 400089966
400097151	PLAT	LF@2597915 400097151
400097152	TOPO MAP	LF@2597916 400097152
400097154	DEVIATED DRILLING PLAN	LF@2597917 400097154
400097262	MINERAL LEASE MAP	LF@2597918 400097262

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per Virginia Lopez, please change NB-CD unit acreage to 160 acres and NB-CD unit configuration to SE/4. PVG	11/1/2010 1:22:13 PM
Permit	NB-CD Unit must be configured to 160 acres SE/4. Otherwise complete PVG	11/1/2010 9:19:09 AM
Permit	Uploaded Exception Location Request and Waivers to application as attachment. PVG	11/1/2010 9:08:15 AM
Permit	ON HOLD. Window exception and mineral encroachment. PVG	10/14/2010 9:11:58 AM

Total: 4 comment(s)

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