

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



DE ET OE ES

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:

400086794

Plugging Bond Surety

20080134

3. Name of Operator: PINE RIDGE OIL & GAS LLC 4. COGCC Operator Number: 10276

5. Address: 600 17TH ST STE 800S
City: DENVER State: CO Zip: 80202

6. Contact Name: MOE FELMAN Phone: (303)585-1309 Fax: (303)226-1301
Email: moe.felman@cometridgeresources.com

7. Well Name: NAOS STATE Well Number: 32-4

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

9. Proposed Total Measured Depth: 4600

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 4 Twp: 16S Rng: 64W Meridian: 6
Latitude: 38.687497 Longitude: -104.558939

Footage at Surface: _____ FNL/FSL _____ FEL/FWL _____
2353 FNL 2120 FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5759 13. County: EL PASO

14. GPS Data:

Date of Measurement: 08/10/2010 PDOP Reading: 2.0 Instrument Operator's Name: CHRIS PEARSON

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 _____
2124 FNL 2139 FEL 2124 FNL 2139 FEL
Sec: 4 Twp: 16 Rng: 64 Sec: 4 Twp: 16 Rng: 64

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: 2360 ft

18. Distance to nearest property line: 334 ft 19. Distance to nearest well permitted/completed in the same formation: 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.)
NIOBRARA	NBRR			
PIERRE	PRRE			

21. Mineral Ownership: Fee State Federal Indian Lease #: 9893.9

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):
 Township 16 South, Range 64 West, 6th P.M., Section 4: N/2 and S/2

25. Distance to Nearest Mineral Lease Line: 334 ft 26. Total Acres in Lease: 334

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: Evaporation and burial

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
CONDUCTOR	24	16	1/2 WT	50	70	50	0
SURF	12+1/4	8+5/8	24	340	150	340	0
1ST	7+7/8	5+1/2	15.5	4,600			

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

33. Comments Distance to nearest mineral lease to the South (on the N/2 of Section) is 334 feet, Pine Ridge Oil & Gas, LLC has mineral rights on S/2 of Section, refer to Lease Map and Lease Description attachments. Location Exception Request and Location Exception Waiver attached. Surface Restoration Bond on file with SLB, per Tim Kelly.

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: Moe Felman

Title: Sr. Operations Engineer Date: 9/1/2010 Email: moe.felman@cometridgeresour

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: 10/7/2010

API NUMBER: **05 041 06063 00** Permit Number: _____ Expiration Date: 10/6/2012

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.

Surface Restoration Bond on file with SLB, per Tim Kelly

- 1) Provide 24 hour notice of MIRU to Mike Leonard at 719-647-9715 or e-mail at mike.leonard@ state.co.us.
- 2) Set at least 340' of surface casing per Rule 317A, cement to surface.
- 3) If production casing is set provide cement coverage to at least 200' above shallowest completed interval. Verify coverage with cement bond log.
- 4) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.
- 5) If well is a dry hole set plugs at the following depths: 40 sks cement 50' above the Niobrara, 40 sks cement above any DST w/ show, 50 sks cement from 50' below surface casing shoe up into surface casing, 10 sks cement in top of surface csg, cut 4 ft below GL, weld on plate, 5 sks cement in rat hole and mouse hole.

Attachment Check List

Att Doc Num	Name	Doc Description
2511318	SURFACE CASING CHECK	LF@2545999 2511318
2586386	EXCEPTION LOC REQUEST	LF@2598151 2586386
2586387	EXCEPTION LOC WAIVERS	LF@2598154 2586387
400086794	FORM 2 SUBMITTED	LF@2535512 400086794
400089542	DEVIATED DRILLING PLAN	LF@2535513 400089542
400089543	TOPO MAP	LF@2535514 400089543
400089544	PLAT	LF@2535515 400089544
400089577	LEGAL/LEASE DESCRIPTION	LF@2535516 400089577
400089611	LEASE MAP	LF@2535517 400089611

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	PERMITTING PASSED	10/6/2010 8:35:14 AM
Permit	Location Exception Request/Location Exception Waiver received from Operator via email; attached via Laserfiche.	10/6/2010 8:33:38 AM
Permit	Called Operator and requested a Well Location Request and Waiver per Rule 318 a.	9/30/2010 3:16:07 PM
Permit	Exception Request needed for the subject well location distance from lease line 334'.	9/27/2010 1:19:41 PM
Permit	Emailed Tim Kelly at SLB for verification of Surface Restoration Bond; State Land State Minerals.	9/24/2010 4:17:08 PM

Total: 5 comment(s)

Error: Subreport could not be shown.