

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		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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APPLICATION FOR PERMIT TO:			Document Number: 400159721 Plugging Bond Surety 20030009				
1. <input checked="" type="checkbox"/> Drill, <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER <u>Injection</u> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>			Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>				
3. Name of Operator: <u>NOBLE ENERGY INC</u> 4. COGCC Operator Number: <u>100322</u>							
5. Address: <u>1625 BROADWAY STE 2200</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>Cheryl Johnson</u> Phone: <u>(303)228-4437</u> Fax: <u>(303)228-4286</u> Email: <u>cheryljohnson@nobleenergyinc.com</u>							
7. Well Name: <u>Chapman</u> Well Number: <u>SWD #1</u>							
8. Unit Name (if appl): _____ Unit Number: _____							
9. Proposed Total Measured Depth: <u>4200</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SWNW</u> Sec: <u>33</u> Twp: <u>1S</u> Rng: <u>44W</u> Meridian: <u>6</u> Latitude: <u>39.929390</u> Longitude: <u>-102.314450</u>							
Footage at Surface: _____ feet FNL/FSL _____ feet FEL/FWL _____ feet FNL <u>650</u> feet FWL							
11. Field Name: <u>Vernon</u> Field Number: <u>86500</u>							
12. Ground Elevation: <u>3868</u> 13. County: <u>YUMA</u>							
14. GPS Data: Date of Measurement: <u>01/27/2011</u> PDOP Reading: <u>1.3</u> Instrument Operator's Name: <u>Michael Dilka</u>							
15. If well is <input type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: _____ feet FNL/FSL _____ feet FEL/FWL _____ feet FNL/FSL Bottom Hole: _____ feet FNL/FSL _____ feet FEL/FWL _____ feet FNL/FSL _____ feet FEL/FWL Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>1574 ft</u>							
18. Distance to nearest property line: <u>650 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>5 mi</u>							
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.)			
Lyons	LYNS						

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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 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):
T1S R44W: SWNW of Section 33

25. Distance to Nearest Mineral Lease Line: 650 ft 26. Total Acres in Lease: 320

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	9+5/8	36	0	350	200	350	0
1ST	8+3/4	7	23	0	4,200	800	4,200	0

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

33. Comments Proposed well will be an injection well. Produced Water Disposal Agreement is attached in lieu of SUA and 30 day letter. Injection wells within 5 mile radius are not going to the same formation as proposed for this well. Rule 318B is not applicable since this well is for injection not production. Cause 315-5 thru 12 were also reviewed but were not applicable due to formation and well type.

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: Cheryl Johnson

Title: Regulatory Analyst II Date: 5/12/2011 Email: cheryljohnson@nobleenergyinc

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: 6/7/2011

API NUMBER Permit Number: _____ Expiration Date: 6/6/2013

05 125 11979 00

CONDITIONS OF APPROVAL, IF ANY: _____

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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 hr notice of spud to Craig Quint at 719-767-8939 or e-mail at craig.quint@state.co.us.
- 2) Set surface casing at least 50' into Pierre Shale for aquifer coverage, (350' minimum - as proposed). Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) Provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) Approval of this permit does not authorize injection. Approval of COGCC Forms 31 and 33 required prior to injection.

Attachment Check List

Att Doc Num	Name
2566859	SURFACE CASING CHECK
400159721	FORM 2 SUBMITTED
400161723	PLAT
400161725	SURFACE AGRMT/SURETY

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	SUA is Produced Water Disposal Agreement.	6/6/2011 7:36:14 AM
Permit	Please review the APD (400159721) and if acceptable change the objective formation from Cedar Hill to Lyons. Call or e-mail me if you have any questions. Thanks, Cheryl Johnson Regulatory Analyst II	6/2/2011 2:39:32 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)