


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
DE	ET	OE	ES				
APPLICATION FOR PERMIT TO:			Document Number: 400147230 Plugging Bond Surety 20090080				
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 checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ 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>GREAT WESTERN OIL & GAS COMPANY LLC</u> 4. COGCC Operator Number: <u>10110</u>							
5. Address: <u>503 MAIN ST</u> City: <u>WINDSOR</u> State: <u>CO</u> Zip: <u>80550</u>							
6. Contact Name: <u>Jeff Reale</u> Phone: <u>(970)686-8831</u> Fax: <u>()</u> Email: <u>jreale@gwogco.com</u>							
7. Well Name: <u>Turecek State</u> Well Number: <u>16-1H</u>							
8. Unit Name (if appl): _____ Unit Number: _____							
9. Proposed Total Measured Depth: <u>12050</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>NWNW</u> Sec: <u>16</u> Twp: <u>1N</u> Rng: <u>64W</u> Meridian: <u>6</u> Latitude: <u>40.057210</u> Longitude: <u>-104.564890</u>							
Footage at Surface: <u>550</u> feet FNL/FSL <u>194</u> feet FEL/FWL <u>FWL</u>							
11. Field Name: <u>Wattenberg</u> Field Number: <u>90750</u>							
12. Ground Elevation: <u>5083</u> 13. County: <u>WELD</u>							
14. GPS Data: Date of Measurement: <u>03/11/2011</u> PDOP Reading: <u>1.9</u> Instrument Operator's Name: <u>C.VanMetre</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <u>732</u> <u>FNL</u> <u>688</u> <u>FWL</u> <u>2145</u> <u>FNL</u> <u>470</u> <u>FEL</u> Sec: <u>16</u> Twp: <u>1N</u> Rng: <u>64W</u> Sec: <u>16</u> Twp: <u>1N</u> Rng: <u>64W</u>							
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>194 ft</u>							
18. Distance to nearest property line: <u>194 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>7890 ft</u>							
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		320	N/2			

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8962.6

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20110055

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):
All of Section 16, Township 1N, Range 64W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 470 ft 26. Total Acres in Lease: 640

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

Method: ☐ Land Farming ☒ Land Spreading ☐ Disposal Facility Other: _____

If 28, 29, or 30 are "Yes" a pit permit may be required.

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	1,230	550	1,230	0
1ST	8+3/4	7+0/0	26	0	7,464	750	7,464	
1ST LINER	6+1/8	4+1/2	11.6	7460	12,050			

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

33. Comments Conductor casing will not be set.

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: Jeff Reale

Title: Vice President Operations Date: 3/28/2011 Email: jreale@gwogco.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: 4/22/2011

API NUMBER

05 123 33424 00

Permit Number: _____ Expiration Date: 4/21/2013

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)Note surface casing setting depth change from 1200' to 1230'. Increase cement coverage accordingly and cement to surface.
- 2)Provide 48 hour notice of MIRU to Jim Precup at 303-726-3822 or e-mail at jim.precup@state.co.us.
- 3)Comply with Rule 317.i and provide cement coverage from end of production casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4)Comply with Rule 321. Run and submit Directional Survey from end of production casing to base of surface casing. 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
400147230	FORM 2 SUBMITTED
400147239	PLAT
400147241	TOPO MAP
400147243	30 DAY NOTICE LETTER
400147245	DEVIATED DRILLING PLAN

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Opr corrected. sf	3/31/2011 3:12:17 PM
Permit	Back to draft for surface surety id. sf	3/29/2011 1:15:16 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)