

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400330087

Date Received:

09/25/2012

PluggingBond SuretyID

19810003

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: CHEVRON USA INC

4. COGCC Operator Number: 16700

5. Address: 6001 BOLLINGER CANYON RD

City: SAN RAMON State: CA Zip: 94583

6. Contact Name: DIANE PETERSON Phone: (970)675-3842 Fax: (970)675-3800

Email: DLPE@CHEVRON.COM

7. Well Name: FEE Well Number: 163X

8. Unit Name (if appl): RANGELY Unit Number: COC47675X

9. Proposed Total Measured Depth: 6488

WELL LOCATION INFORMATION

10. QtrQtr: NE NE Sec: 33 Twp: 2N Rng: 102W Meridian: 6

Latitude: 40.105611 Longitude: -108.842800

Footage at Surface: 422 feet FNL/FSL FNL 1102 feet FEL/FWL FEL

11. Field Name: RANGELY Field Number: 72370

12. Ground Elevation: 5267 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 09/13/2012 PDOP Reading: 1.6 Instrument Operator's Name: J FLOYD

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

Footage at Top of Prod Zone: FNL/FSL 31 FNL 1179 FEL FEL Bottom Hole: FNL/FSL 30 FSL 1075 FEL FEL  
Sec: 33 Twp: 2N Rng: 102 Sec: 28 Twp: 2N Rng: 102  
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: 240 ft

18. Distance to nearest property line: 220 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 425 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.)
WEBER	WEBR			

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):

SEE ATTACHED LEASE MAP

25. Distance to Nearest Mineral Lease Line: 235 ft 26. Total Acres in Lease: 800

### 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
CONDUCTOR	18	16	55	0	80	90	80	0
SURF	12+1/4	9+5/8	36	0	2,000	605	2,000	0
1ST	8+3/4	7	23	0	6,488	720	6,488	

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

33. Comments LOCATION FORM 2A DOC # 400329571

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: DIANE L PETERSON

Title: REGULATORY SPECIALIST Date: 9/25/2012 Email: DLPE@CHEVRON.COM

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: *Matthew Lee* Director of COGCC Date: 10/26/2012

API NUMBER Permit Number: \_\_\_\_\_ Expiration Date: 10/25/2014

05 103 11951 00

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.

### Attachment Check List

Att Doc Num	Name
400330087	FORM 2 SUBMITTED
400330092	H2S CONTINGENCY PLAN
400330100	LOCATION DRAWING
400330102	ACCESS ROAD MAP
400330104	DRILLING PLAN
400330106	WELL LOCATION PLAT
400330115	HYDROLOGY MAP
400330116	HYDROLOGY MAP
400330117	LOCATION PICTURES
400330119	NRCS MAP UNIT DESC
400330142	LEASE MAP
400330145	PROPOSED BMPs
400330167	OTHER
400330408	WELL LOCATION PLAT
400330678	DIRECTIONAL DATA
400330679	DIRECTIONAL DATA

Total Attach: 16 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	This APD is a replacement for 161X (lost hole) with SHL in Sec. 28. No LGD or public comments. Final Review---passed.	10/23/2012 9:36:20 AM
Permit	Corrected dist. to min. lease per oper. Added related 2A.	10/15/2012 3:17:42 PM
Engineer	THE PROPOSED 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.	9/26/2012 2:03:09 PM
Permit	Operator attached directional data template and can be viewed when imported. The directional data excel spreadsheet columns are amended.	9/26/2012 11:07:41 AM
Permit	Return to Draft: 1. Directional data template/import does not contain any information.  Operator attached directional data excel spreadsheet, however the +E/-W column is merged with the +N/-S column.	9/25/2012 4:43:15 PM
Permit	Return to draft: 1. Missing directional data excel spreadsheet attachment. 2. Directional data template/import does not match deviated drill plan.  Operator attached well location plat for BHL sec. 28.	9/25/2012 2:28:26 PM
Permit	Return to draft: 1. Well location plat is missing plat for section 28, BHL data values/locations/lat & long. 2. Missing directional data excel spreadsheet attachment. 3. Direction data template/import not available to download.	9/25/2012 1:11:54 PM

Total: 7 comment(s)

## BMP

<u>Type</u>	<u>Comment</u>
Drilling/Completion Operations	A closed loop system will be implemented during drilling, using a cutting "trench", de watering system, centrifuge system. Any skim oil recovered will be trucked to the Chevron Main Water Plant and then pipelined to a oil gathering collection station.
Storm Water/Erosion Control	A diversion ditch will be constructed along the east and south side of the location to control runoff and erosion.
Construction	No portion of the cutting trench will be used to hold liquids, the trench will be constructed entirely in the cut.
Planning	Chevron trains all employees in safe work practices, good environmental stewardship, health and wellness issues and to ensure that proper personal protective equipment is available and being used correctly. Chevron has up to date Spill Protection Control and Countermeasure Plans for the Rangely field.

Total: 4 comment(s)