

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:

400238404

Date Received:

01/06/2012

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: EMERALD Well Number: 96X

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

9. Proposed Total Measured Depth: 6638

WELL LOCATION INFORMATION

10. QtrQtr: SW NW Sec: 36 Twp: 2N Rng: 103W Meridian: 6

Latitude: 40.102558 Longitude: -108.911356

Footage at Surface: 1543 feet FNL/FSL 799 feet FEL/FWL FWL

11. Field Name: RANGELY Field Number: 72370

12. Ground Elevation: 5452 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 11/16/2011 PDOP Reading: 0.9 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 2315 FNL 1566 FWL 2402 FNL 1652 FWL 2402  
Sec: 36 Twp: 2N Rng: 103 Sec: 36 Twp: 2N Rng: 103  
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: 483 ft

18. Distance to nearest property line: 1105 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 372 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: 250

26. Total Acres in Lease: 1760

### 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	2,000	789	2,000	0
1ST	8+3/4	7+0/8	23	0	6,398	707	6,398	0

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

33. Comments CONDUCTOR PIPE NOT IN THE DRILLING PLAN EMERALD LOCATION FORM 2A (DOC#400230045) WAS SUBMITTED 12/15/2011

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: 1/6/2012

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: \_\_\_\_\_

Director of COGCC

Date: 5/10/2012

API NUMBER

05 103 11922 00

Permit Number: \_\_\_\_\_

Expiration Date: 5/9/2014

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.

2) 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 000 FEET DEEP.

### Attachment Check List

Att Doc Num	Name
1533040	EXCEPTION LOC WAIVERS
1533041	OTHER
2537871	CORRESPONDENCE
2537873	EXCEPTION LOC REQUEST
2538007	CORRESPONDENCE
400238404	FORM 2 SUBMITTED
400238405	DEVIATED DRILLING PLAN
400238408	H2S CONTINGENCY PLAN
400238410	FED. DRILLING PERMIT
400238411	LEASE MAP
400238412	WELL LOCATION PLAT
400238413	DIRECTIONAL DATA
400238418	SURFACE PLAN

Total Attach: 13 Files

### General Comments

User Group	Comment	Comment Date
Permit	off hold--rec'd & attached signed waiver for exc. loc. from Eagle Operating, operator of producing well in offset acreage. Chevron unable to obtain waivers from additional offset mineral owners since all requests were returned "undeliverable." BLM confirmed this well on 2012 Plan of Development and has been approved by the BLM. LGD & pub. comments waived. Final Review--passed.	5/7/2012 7:58:01 AM
Permit	still on hold; Chevron landman determined there is a producing well on the offset fee acreage operated by Eagle Operating. Chevron will send ltr. for waiver of exc. loc. to Eagle.	4/20/2012 2:04:07 PM
Permit	oper. submitted copies of exc. loc. waiver letters to offset min. interest owners with verification of undeliverable address or unable to forward; no responses submitted. discussing possible 502b variance.	3/26/2012 1:36:20 PM
Permit	oper. mailed copies of signed offset mineral interest owner waiver letters. still need signed waiver letters for the 95X.	3/9/2012 9:47:18 AM
Permit	rec'd & attached exception loc. request ltr. operator mailing waiver letters from offset mineral owners.	2/15/2012 7:21:18 AM
Permit	need waiver letter from offset min. lease owner. loc. 300' from unit boundary exception loc. request ltr.	1/10/2012 1:56:16 PM

Total: 6 comment(s)

## **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Storm Water/Erosion Control	STORM WATER PLANS AND EROSION CONTROL METHODS WILL BE USED TO ENSURE SITE STABILIZATION AND TO ENSURE ADEQUATE ENVIRONMENTAL SAFEGUARDS ARE IN PLACE TO PREVENT ANY STORM WATER RUNOFF. INSPECTIONS WILL BE DOCUMENTED AND FILED IN THE RANGELY FIELD OFFICE. CHEVRON RANGELY HAS A ANNUALLY REVIEWED FIELD WIDE STORMWATER MANAGEMENT PLAN.
Wildlife	POWERLINE DESIGN TO MINIMIZE RAPTOR ELECTROCUTION RISK
Material Handling and Spill Prevention	ALL FLUIDS WILL BE STORED IN APPROPRIATE CONTAINERS AND IN SECONDARY CONTAINMENT SYSTEMS ENGINEERED TO CONTAIN 150 PERCENT OF THE LARGEST VESSEL VOLUME. CHEVRON HAS AN ANNUALLY UPDATED ENGINEER CERTIFIED FULL FIELD SPCC PLAN.

Total: 3 comment(s)