

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



Document Number:

400238148

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 INC4. COGCC Operator Number: 167005. Address: 6001 BOLLINGER CANYON RDCity: SAN RAMON State: CA Zip: 945836. Contact Name: DIANE PETERSON Phone: (970)675-3842 Fax: (970)675-3800Email: DLPE@CHEVRON.COM7. Well Name: EMERALD Well Number: 95X8. Unit Name (if appl): RANGELY Unit Number: COC47675X9. Proposed Total Measured Depth: 6638

## WELL LOCATION INFORMATION

10. QtrQtr: SW NW Sec: 36 Twp: 2N Rng: 103W Meridian: 6Latitude: 40.102608 Longitude: -108.911439

Footage at Surface: 1524 feet FNL/FSL 776 feet FEL/FWL FWL

11. Field Name: RANGELY Field Number: 7237012. Ground Elevation: 5452 13. County: RIO BLANCO

## 14. GPS Data:

Date of Measurement: 09/30/2011 PDOP Reading: 0.9 Instrument Operator's Name: J FLOYD15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1306 FNL 332 FWL FWL Bottom Hole: FNL/FSL 1284 FNL 287 FWL FWL  
 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 483 ft18. 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 ☐ Indian23. 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 ☐ No23b. 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 ft

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 EMERALD 95X & EMERALD 96X (TWO WELL LOCATION) FORM 2A WAS SUBMITTED 12/15/2011  
DOC#400230045. CONDUCTOR PIPE NOT IN THE DRILLING PLAN.

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

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: 3/30/2012

API NUMBER

05 103 11914 00

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

Expiration Date: 3/29/2014

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 1MILE 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
2537973	EXCEPTION LOC REQUEST
400238148	FORM 2 SUBMITTED
400238218	FED. DRILLING PERMIT
400238220	SURFACE PLAN
400238249	DEVIATED DRILLING PLAN
400238267	DIRECTIONAL DATA
400238271	WELL LOCATION PLAT
400238283	H2S CONTINGENCY PLAN
400238286	LEASE MAP

Total Attach: 9 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	LGD/pub. comments waived. Final Comprehensive Review Status--passed	3/27/2012 2:13:56 PM
Permit	oper. submitted copies of exc. loc. waiver letters to offet min. interest owners with verification of undeliverable address or unable to forward; no responses submitted. confirmed with Hank Szymanski with Lakewood BLM that this well on Chevron's Plan of Development for 2012 for Rangeley and has fed. drlg. permit. offset mineral leases are BLM.	3/26/2012 1:34:14 PM
Permit	need offset min. owner waiver (location 300' from unit boundary);exception loc. req. ltr.	1/10/2012 1:45:30 PM

Total: 3 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 INSURE SITE STABILIZATION AND TO INSURE 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, NO NEW SURFACE WORK FROM APRIL 15- TO JULY 15 TO ALLOW FOR PRAIRIE DOG REPRODUCTIVE PERIOD.
Material Handling and Spill Prevention	ALL FLUIDS WILL STORED IN APPROPRIATE CONTAINERS AND IN SECONDARY CONTAINMENT SYSTEMS ENGINEERED TO CONTAIN 150 PERCENT OF THE LARGEST VESSEL VOLUME. CHEVRON HAS ANNUALLY UPDATED ENGINEER CERTIFIED FULL FIELD SPCC PLAN IN ACCORDANCE WTH THE FEDERAL REQUIREMENTS OF 40 CFR PART 112.
General Housekeeping	THE WELL SITE WILL BE MAINTAINED IN A SANITARY CONDITION AT ALL TIMES AND ALL WASTE MATERIALS SHALL BE DISPOSED OF PROMPTLY AT APPROPRIATE WASTE DISPOSAL SITES.
Construction	CHEVRON WILL EMPLOY DUST SUPPRESSION TECHNIQUES OF FRESHWATER. USING EXISTING LEASE ROADS TO MINIMIZE SURFACE DISTURBANCE. TWO FLOWLINES WILL RUN IN A COMMON TRENCH TO A CENTRALIZED COLLECTION STATION, AND WILL FOLLOW EXISTING PIPELINE RIGHT OF WAYS. ALL ROADS WILL BE CROWNED AND DITCHED ACCORDING TO BLM MANUAL SECTION 9113.

Total: 5 comment(s)