

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



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APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☐
Sidetrack ☐

Document Number:

400012465

Plugging Bond Surety

20040105

3. Name of Operator: BERRY PETROLEUM COMPANY 4. COGCC Operator Number: 10091

5. Address: 1999 BROADWAY STE 3700

City: DENVER State: CO Zip: 80202

6. Contact Name: JANNI KEIDEL Phone: (303)999-4225 Fax: (303)999-4325

Email: jek@bry.com

7. Well Name: OXY Well Number: 21-5D

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8928

WELL LOCATION INFORMATION

10. QtrQtr: NESES Sec: 21 Twp: 6S Rng: 97W Meridian: 6

Latitude: 39.506267 Longitude: -108.217386

Footage at Surface: 1833 FNL/FSL FSL 551 FEL/FWL FEL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 8366 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 01/29/2007 PDOP Reading: 3.7 Instrument Operator's Name: ROBERT KAY

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

Footage at Top of Prod Zone: FNL/FSL 1454 FSL 626 FEL FEL Bottom Hole: FNL/FSL 1454 FSL 626 FEL FEL
Sec: 21 Twp: 6S Rng: 97W Sec: 21 Twp: 6S Rng: 97W

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: 3590 mi

18. Distance to nearest property line: 1987 ft 19. Distance to nearest well permitted/completed in the same formation: 392 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.)
WILLIAMS FORK	WMFK	510-18	320	NESE

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#: 20040106

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):
PLEASE SEE ATTACHED LEASE MAP # 3

25. Distance to Nearest Mineral Lease Line: 626 ft 26. Total Acres in Lease: 5165

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	30	20	55	90	100	90	0
SURF	16	9+5/8	36	2,000	1,000	2,000	0
3RD	8+3/4	4+1/2	11.6	8,928	600	8,928	200

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

33. Comments I certify that there has been no changes on land use, lease description. The pad has not been built. The pit has not been constructed. The location will require surface disturbance of the pad. The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii). The location is not in a wildlife restricted surface occupancy area. This location is not in a wildlife sensitive habitat area. No rig on site. The production cement top will be 200' above the top of gas. Oxy owns surface and Chevron owns minerals.

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: Janni Keidel Print Name: JANNI KEIDEL

Title: PERMITTING AGENT Date: 02/10/2010 Email: jek@bry.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: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

05

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.

Attachment Check List

Att Doc Num	Name	Doc Description
400037438	DEVIATED DRILLING PLAN	(Oxy I21 697 Pad) Oxy 21-5D Plan #1.pdf
400037439	WELL LOCATION PLAT	Well Location Plat # 1 - Oxy 21-5D.pdf
400037440	TOPO MAP	Access Road Map - Topo # B - Oxy I21 697 Pad.pdf
400037441	MINERAL LEASE MAP	Colored Lease Map - Chevron -Grand Valley .pdf
400037442	SURFACE AGRMT/SURETY	OXY SUA and Road Use Agreement Memorandum.pdf
400037443	30 DAY NOTICE LETTER	30 Day Notification Letter (OXY I21 697 Pad).pdf

Total Attach: 6 Files