

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



DE	ET	OE	ES
----	----	----	----

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 ☐

Refilling ☐  
Sidetrack ☐

Document Number:

1784180

Plugging Bond Surety

20090076

3. Name of Operator: BAYHORSE PETROLEUM LLC

4. COGCC Operator Number: 10234

5. Address: 2558 E PORTSMOUTH AVE

City: SALT LAKE CITY State: UT Zip: 84121

6. Contact Name: RODVAUGHN Phone: (435)752-2021 Fax: (435)752-2021  
Email: RLVAUGHN47@Q.COM

7. Well Name: TRADE WINDS Well Number: 1-28

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 4450

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 28 Twp: 18S Rng: 47W Meridian: 6

Latitude: 38.467590 Longitude: -102.682240

Footage at Surface: 659 FNL/FSL FNL 1983 FEL/FWL FEL

11. Field Name: LEFT HAND Field Number: 48880

12. Ground Elevation: 4140 13. County: KIOWA

14. GPS Data:

Date of Measurement: 07/27/2009 PDOP Reading: 2.0 Instrument Operator's Name: KEITH WESTFALL

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

Footage at Top of Prod Zone: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_ Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

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: 154

18. Distance to nearest property line: 169 19. Distance to nearest well permitted/completed in the same formation: \_\_\_\_\_

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.)
CHEROKEE	CHRK	252-6	80	W2NE
MARMATON	MRTN			

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 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):  
NW/4, NE/4, SE/4 OF SEC. 28 AND SW/4 OF SEC. 27, T18S-R47W

25. Distance to Nearest Mineral Lease Line: 659 26. Total Acres in Lease: 622

### 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
SURF	12+1/4	8+5/8	24	450	280	450	0
1ST	7+7/8	4+1/2	10.5	4,450	200	4,450	2,950

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

33. Comments LINE 19: NO KNOWN ACTIVE MARMATON WELL IN SE COLO. LINE #18 & 25: FILED APPLICATION FOR SPACING HEARING, 659 FT TO SPACING BOUNDARY. NO CONDUCTOR PLANNED

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: RODNEY L. VAUGHN

Title: PRESIDENT Date: 8/11/2009 Email: RLVAUGHN47@Q.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: 10/6/2009

#### API NUMBER

05 061 06838 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/5/2010

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

### **Condition of Approval**

Comment

Agency

PERMIT NOT VALID FOR KEYES SANDSTONE (LOWER MORROW)

1) Provide 24 hour notice of MIRU to Mike Leonard at 719-767-2805 or e-mail at mike.leonard@ state.co.us. 2) If production casing is set provide cement coverage to at least 200' above Marmaton, and stage cement from 50' below Cheyenne to 50' above Dakota (est. 1450 - 850'). Run CBL to verify primary and stage cement jobs. 3) If well is a dry hole set the following plugs: 40 sks cement +/- 50' above the Marmaton, 40 sks cement above any DST zone, 40 sks cement 50' below base of Cheyenne (est. 1450' up), 40 sks cement at top of Cheyenne (est. 1200' up), 40 sks cement 50' above top of Dakota (est. 850' up), 50 sks cement from 50' below surface casing shoe up into surface casing, 10 sks cement in top of surface csg, cut 4 ft below GL, weld on plate, 5 sks cement in rat hole and mouse hole.

The surface owner, LGD and operator have submitted appeals waivers per Rule 305.d(1). See attached.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1784180	APD ORIG & 1 COPY	LF@2121774 1784180
1784184	MINERAL LEASE MAP	LF@2121777 1784184
1784185	REFERENCE AREA PICTURES	LF@2121758 1784185
1784238	TOPO MAP	LF@2123843 1784238
1784240	WELL LOCATION PLAT	LF@2123841 1784240
1808461	WAIVERS	LF@2157566 1808461
1940292	30 DAY WAIVERS	LF@2121778 1940292
1940682	SURFACE CASING CHECK	LF@2147271 1940682

Total Attach: 8 Files