

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:

400431487

Date Received:

06/11/2013

PluggingBond SuretyID

20120073

## APPLICATION FOR PERMIT TO:

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

## 2. TYPE OF WELL

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

Refiling ☐Sidetrack ☒

3. Name of Operator: CHAMA OIL &amp; MINERALS LLC

4. COGCC Operator Number: 10431

5. Address: PO BOX 50203

City: MIDLAND State: TX Zip: 79710

6. Contact Name: ROY MERRILL Phone: (719)429-2229 Fax: (432)683-8250

Email: ROY.MERRILL@ME.COM

7. Well Name: WEINER STATE 16-19-47

Well Number: 1-H

8. Unit Name (if appl):

Unit Number:

9. Proposed Total Measured Depth: 9100

## WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 16 Twp: 19S Rng: 47W Meridian: 6

Latitude: 38.409690

Longitude: -102.677110

Footage at Surface: 600 feet FNL/FSL 660 feet FEL/FWL  
 FNL FEL

11. Field Name: WILDCAT

Field Number: 99999

12. Ground Elevation: 4108

13. County: KIOWA

## 14. GPS Data:

Date of Measurement: 09/16/2012 PDOP Reading: 2.6 Instrument Operator's Name: R GABRIEL

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  
 1050 FNL 660 FEL 600 FSL 660 FEL  
 Sec: 16 Twp: 19S Rng: 47W Sec: 16 Twp: 19S Rng: 47W

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: 5000 ft

18. Distance to nearest property line: 600 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 3935 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.)
SPERGEN	SPGN			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 1895.1222. 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):

SECTION 16 (ALL), T-19S, R-47-W

25. Distance to Nearest Mineral Lease Line: 600 ft

26. Total Acres in Lease: 640

### 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: PLACED IN CUTTINGS PIT

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	508	340	508	0
1ST	8+3/4	7	26	0	5,745	500	5,745	3,836
S.C. 1.1					1,670	250	1,670	1,450
2ND	6+1/8	4+1/2	13.5	0	9,100			

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

33. Comments NO CONDUCTOR USED. DRILLED PILOT HOLE TO 5935' AND LOGGED. PLUGGED BACK TO 4694'. DRILLED CURVE TO 5745'. SET AND CEMENTED 7" AT 5745'. DRILLED LATERAL TO 8580'. GEOLOGIC INTERPRETATION INDICATED WELL BORE TO BE IN SPERGEN FORMATION BUT MOSTLY IN POOR QUALITY RESERVOIR. PLAN TO SET CIBP AT 5645' INSIDE 7" CASING, SET WHIPSTOCK AND CUT WINDOW. SIDETRACK LATERAL TO PLACE WELL BORE IN BETTER DEVELOPED RESERVOIR.

34. Location ID: 430830

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: WILLIAM HEARD

Title: PROJECT DRILLING ENGINEER

Date: 6/11/2013

Email: BILL.HEARD@CHAMAOIL.CO

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: 7/21/2013

#### API NUMBER

05 061 06881 02

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

Expiration Date: 7/20/2015

#### 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.

Disposal onsite must meet rule 910 standards.

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
2518453	CORRESPONDENCE
400431487	FORM 2 SUBMITTED

Total Attach: 2 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Form 2A says Offsite disposal at a disposal facility. This form says onsite at pit.	6/26/2013 11:46:48 AM
Permit	Public and LGD comment is waived because this permit is an emergency sidetrack of an existing permitted location. Bottom hole location remains the same.	6/13/2013 10:55:53 AM
Permit	Pass Completeness. This is a SIDETRACK to reach better pay portion of reservoir. Sundry# 400431479 received which describes Operator intent to procede with sidetrack. Form 5's requested on straight hole and on lateral to point of sidetrack.	6/12/2013 2:55:28 PM

Total: 3 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>