

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:

400433156

Date Received:

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 ☐

PluggingBond SuretyID

20120073

3. Name of Operator: CHAMA OIL & MINERALS LLC

4. COGCC Operator Number: 10431

5. Address: PO BOX 50203

City: MIDLAND State: TX Zip: 79710

6. Contact Name: WILLIAM HEARD Phone: (432)683-8000 Fax: (432)683-8250

Email: BILL.HEARD@CHAMAOIL.COM

7. Well Name: HEART 22-15-48 Well Number: 1-H

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

9. Proposed Total Measured Depth: 9200

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 22 Twp: 15S Rng: 48W Meridian: 6

Latitude: 38.733772 Longitude: -102.760342

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

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4273 13. County: CHEYENNE

14. GPS Data:

Date of Measurement: 05/14/2013 PDOP Reading: 2.4 Instrument Operator's Name: C VAN MATRE

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

Footage at Top of Prod Zone: FNL/FSL 1000 FNL 660 FEL 600 FSL 660 FEL 600
Sec: 22 Twp: 15S Rng: 48W Sec: 22 Twp: 15S Rng: 48W

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: 600 ft

18. Distance to nearest property line: 600 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 3000 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 #: _____

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):

SECTION 22 (ALL), T-15-S, R-48-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: SEE OPERATOR

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	500	240	500	0
1ST	8+3/4	7	26	0	5,700	400	5,700	3,400
OPEN HOLE	6+1/8		0	5700	9,200			

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

33. Comments NO CONDUCTOR TO BE USED. THE HEART 22-15-48 #1-P (PILOT HOLE) AND #1-H (HORIZONTAL HOLE) ARE BEING PERMITTED FOR THIS LOCATION; ONLY ONE WELL BORE WILL BE ON LOCATION. THE 1-P PILOT WILL BE DRILLED TO APPROXIMATE TD OF 6200' AND LOGGED. WELL WILL THEN BE PLUGGED BACK AND THE #1-H HORIZONTAL WILL BE DRILLED AS INDICATED ON THE PLAN. MUD DISPOSAL WILL BE ON SITE: MUD WILL BE PLACED IN CUTTINGS PIT AT END OF WELL ALLOWING LIQUID AND SOLIDS TO SEPARATE, FREE LIQUID WILL BE SENT TO COMMERCIAL DISPOSAL, CUTTINGS AND SOLIDS WILL BE STABILIZED IN PIT, PIT CONTENTS WILL BE SAMPLED AND ANALYZED TO ENSURE TABLE 910-1 COMPLIANCE PRIOR TO CLOSING PIT.

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: WILLIAM HEARD

Title: PROJECT DRILLING ENGINEER

Date: _____

Email: BILL.HEARD@CHAMAOIL.

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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Data retrieval failed for the subreport 'IntPolicy_NTO' located at: W:\netpub\Net\Reports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400435169	PLAT
400435170	TOPO MAP
400435171	30 DAY NOTICE LETTER
400446708	H2S CONTINGENCY PLAN
400446711	DEVIATED DRILLING PLAN
400446713	DIRECTIONAL DATA

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

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

Total: 0 comment(s)