

District I1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720**District II**811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720**District III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

Permit 249425

HOBBS OCD**MAR 07 2018****RECEIVED****APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address COBRA OIL & GAS CORPORATION P.O. Box 8206 Wichita Falls, TX 76307		2. OGRID Number 147404
4. Property Code 321004		3. API Number 30-005-29217
5. Property Name STATE WISHBONE SWD STATE SWD		6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	1	11S	31E		1672	S	476	W	CHAVES

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	1	11S	31E	L	1672	S	476	W	Chaves

9. Pool Information

SWD;DEVONIAN	96101
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Additional Well Information

11. Work Type New Well	12. Well Type SWD	13. Cable/Rotary ROTARY	14. Lease Type State	15. Ground Level Elevation 4503
16. Multiple N	17. Proposed Depth 11800	18. Formation Devonian	19. Contractor Double K Drilling	20. Spud Date 3/14/2018
Depth to Ground water 130'		Distance from nearest fresh water well 0'		Distance to nearest surface water 0'

☒ We will be using a closed-loop system in lieu of lined pits**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	400 1400	420	0
Int1	12.25	9.625	40	4000	1170	0
Prod	8.75	7	29	11600	1500	3000


Casing/Cement Program: Additional Comments

Tubing Size: 2-7/8", 6.5#. Lining Material: Salta IPC. Packer: 7" x 2-7/8" Nickel Coated Arrowset AD-1. Packer Set Depth: 11550'. Injection Interval: 11616'-11800' (base of Devonian) - Open Hole 8.75".

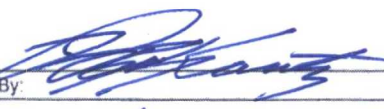
22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
 I further certify I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: 
 Printed Name: Kyle Gardner
 Title: Operations Engineer
 Email Address: kgardner@cobracgc.com
 Date: 03/07/2018

OIL CONSERVATION DIVISION

Approved By:  Petroleum Engineer
 Title:
 Approved Date: 03/15/18
 Expiration Date: 03/15/20
 Conditions of Approval Attached

See Attached
Conditions of Approval

CONDCTIONS OF APPROVAL

API #	Operator	Well name & Number
30-005-29217	Cobra Oil Gas Corp	Wishbone State SWD # 001

Applicable conditions of approval marked with **XXXXXX**

Administrative Orders Required

XXXXXX	Will require administrative order for injection or disposal prior to injection or disposal

Other wells

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Drilling

XXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

Casing

XXXXXX	SURFACE and INTERMEDIATE CASING - Cement must circulate to surface --
XXXXXX	PRODUCTION CASING - Cement must tie back in to intermediate --
XXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
XXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Completion & Production

XXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXX	Must conduct & pass MIT prior to any injection

Lost Circulation

XXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186

Stage Tool

XXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXX	<ol style="list-style-type: none"> 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

P.O. Box 8206
Wichita Falls , TX 76307

Well:
STATE WISHBONE SWD #001

OCD Reviewer

Condition

District I

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Form APD Comments

Permit 249425

PERMIT COMMENTS

Operator Name and Address: COBRA OIL & GAS CORPORATION [147404]	API Number:
	Well: STATE WISHBONE SWD #001

Created By	Comment	Comment Date
bpappas	This well is being drilled for injection.	3/7/2018
bpappas	Injection Formation: Devonian. Injection interval will be open hole - Devonian from 11,616'-11,800' (base of Devonian). Pool Name: SWD, Devonian. Pool Code: 96101	3/7/2018
bpappas	Depth to ground water: 130 feet. Distance from nearest fresh water well: 0'. Distance to nearest surface water: 0'. Drilling Contractor: Double K Drilling. Spud Date: 03/14/2018.	3/7/2018

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Form C-102
August 1, 2011

Permit 249425

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code 96101	3. Pool Name SWD;DEVONIAN
4. Property Code	5. Property Name STATE WISHBONE SWD	6. Well No. 001
7. OGRID No. 147404	8. Operator Name COBRA OIL & GAS CORPORATION	9. Elevation 4503

10. Surface Location

UL - Lot L	Section 1	Township 11S	Range 31E	Lot Idn	Feet From 1672	N/S Line S	Feet From 476	E/W Line W	County CHAVES
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill			14. Consolidation Code			15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By:

Title: **Operations Engineer**Date: **03/07/2018****SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: **RONALD EIDSON**Date of Survey: **1/19/2018**Certificate Number: **3239****District I**1625 N. French Dr., Hobbs, NM 88240
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Form APD Conditions

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:

COBRA OIL & GAS CORPORATION [147404]

API Number: