

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

HOBS OGD
 NOV 04 2019
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WELL API NO. 30-025-46472
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name OUTLAND WCA STATE UNIT 11-2
8. Well Number 5H
9. OGRID Number 372137
10. Pool name or Wildcat YATES-SEVEN RIVERS (SWD)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3672' GR

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A WELL TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
CHISHOLM ENERGY OPERATING, LLC

3. Address of Operator 801 CHERRY ST., SUITE 1200-UNIT 20
FORT WORTH, TX 76102

4. Well Location
 Unit Letter O : 125 feet from the SOUTH line and 1685 feet from the EAST line
 Section 21 Township 21S Range 34E NMPM County LEA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10/30/2019-CASING DESIGN CHANGE FROM A 3 STRING TO A 4 STRING. PLEASE SEE ATTACHED DOCUMENTS SHOWING ALL CHANGES. NEW WBD ATTACHED ALONG WITH CHANGES TO CASING SHOWN IN RED ON ORIGINAL APD.

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jennifer Elrod TITLE SR. REGULATORY ANALYST DATE 10/30/2019

Type or print name JENNIFER ELROD E-mail address: jelrod@chisholmenergy.com PHONE: 10/30/2019

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 11/10/19
 Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6181 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-0720

District III
1000 Rio Brazos Rd., Aztec, NM 87401
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
August 1, 2011
Permit 273417

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CHANGES TO ORIGINAL APD ARE SHOWN IN RED
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CHISHOLM ENERGY OPERATING, LLC 801 Cherry Street Fort Worth, TX 76102		2. OGRID Number 372137
4. Property Code 326235		3. API Number 30-025-46472
5. Property Name OUTLAND WCA STATE UNIT 11 2		6. Well No. 005H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	11	21S	34E	O	125	S	1685	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	2	21S	34E	I	2500	S	1310	E	Lea

9. Pool Information

WC-025 G-09 S2134110;UPR WOLFCAMP	98317
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3672
16. Multiple N	17. Proposed Depth 18956	18. Formation Wolfcamp	19. Contractor	20. Spud Date 11/15/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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	26.0	20.0	94.0	1700	2995	0
Int1	17.5	13.375	88.0	5450	4235	0
Int 2	12.25	9.625	40	10550	1265	3500

Casing/Cement Program: Additional Comments

Prod	8.75	5.5	20	18956	2395	4400
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	CACTUS
Annular	2500	2500	CACTUS
Pipe	5000	5000	CACTUS

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.	OIL CONSERVATION DIVISION	
Signature:		
Printed Name: Electronically filed by Jennifer Elrod	Approved By: Paul F Kautz	
Title: Sr. Regulatory Tech	Title: Geologist	
Email Address: jelrod@chisholmenergy.com	Approved Date: 10/29/2019	Expiration Date: 10/29/2021
Date: 10/18/2019	Phone: 817-953-3728	Conditions of Approval Attached



Outland WCA State Unit 11-2 5H

API # 30-025-46472

Revised: 10/29/2019

TVD Geological
ft-RKB Tops

Wellbore Sketch

Hole Size

Casing

Drilling Fluids

Cement

OH Logs/Evaluation

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TVD Geological ft-RKB Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	OH Logs/Evaluation
1,000'		26"	Surface: 20" 94# J55 BTC	FW Spud Mud 8.5 - 9.2 ppg 32 - 38 FV 4-6 PV 2-5 YP	Top of Lead: Surface 12.8 ppg 1.94 cuft/sk 1,865 sks - 100% XS Top of Tail: 1,200' 14.8 ppg 1.33 cuft/sk 1,130 sks - 100% XS	
1,665 Rustler						
2,000'		17-1/2"	Intermediate 1: 13-3/8" 68# J-55 BTC	Saturated Brine 9.8 - 10.1 ppg 28 - 32 FV	Stage 1 Top of Lead: 3,800' 11.5 ppg 2.61 cuft/sk 585 sks - 100% XS Top of Tail: 4,900' 14.4 ppg 1.25 cuft/sk 615 sks - 100% XS Stage 2 Top of Lead: Surface 11.5 ppg 2.61 cuft/sk 3,035 sks - 200 % XS	
2,090 Salado						
3,000'						
3,665 Yates						
4,000'						
4,085 Capitan Reef						
5,000'		12-1/4"	Intermediate 2: 9-5/8" 40# L80HC BTC	Cut Brine 9.0 - 9.3 ppg 28 - 32 FV	Top of Lead: 3,500' 11.5 ppg 2.61 cuft/sk 870 sks - 25% XS Top of Tail: 9,300' 14.8 ppg 1.25 cuft/sk 395 sks - 25% XS	
5,435 Delaware Mtn						
7,000'						
8,167 Bone Spring						
9,000'						
9,434 1st BS SS						
9,675 2nd BS Carb						
10,000'		8-3/4" Curve 8-1/2" Lateral	Production: 5-1/2" 20# P110 BTC	OBM 10.5 - 11.5 ppg 15 - 20 PV 8 - 12 YP	Scavenger: Surface 11.0 ppg 2.00 cuft/sk 630 sks - 10% XS Top of Lead: 4,400' 11.3 ppg 2.81 cuft/sk 550 sks - 15% XS Top of Tail: 9,300' 13.2 ppg 1.52 cuft/sk 1,845 sks - 15% XS	
10,072 2nd BS SS						
10,351 3rd BS Carb						
11,000'						
10,949 3rd BS SS						
11,198 Wolfcamp						
11,305 Wolfcamp Carb						
11,404 Target LP						
12,000'						

1,700'

DV Tool & ECP
@ 3,800'

5,450'

10,550'

KOP @ 10,883'

18,956' MD
11,939' TVD