

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

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)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>
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 <u>O</u> : <u>125</u> feet from the <u>SOUTH</u> line and <u>1685</u> feet from the <u>EAST</u> line Section <u>21</u> Township <u>21S</u> Range <u>34E</u> NMPM County <u>LEA</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3672' GR

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 I1625 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

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 O	Section 11	Township 21S	Range 34E	Lot Idn O	Feet From 125	N/S Line S	Feet From 1685	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot I	Section 2	Township 21S	Range 34E	Lot Idn I	Feet From 2500	N/S Line S	Feet From 1310	E/W Line E	County Lea
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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	68.0	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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Electronically filed by Jennifer Elrod

Title: Sr. Regulatory Tech

Email Address: jelrod@chisholmenergy.com

Date: 10/18/2019

Phone: 817-953-3728

Approved By: Paul F Kautz

Title: Geologist

Approved Date: 10/29/2019

Conditions of Approval Attached

Expiration Date: 10/29/2021

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		1,700'				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	
2,000'	2,090 Salado		17-1/2"	Intermediate 1: 13-3/8" 68# J-55 BTC	Saturated Brine 9.8 - 10.1 ppg 28 - 32 FV		
3,000'							
3,665 Yates		DV Tool & ECP @ 3,800'					
4,000'	4,085 Capitan Reef		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	
5,000'	5,435 Delaware Mtn	5,450'					
7,000'							
8,167 Bone Spring							
9,000'	9,434 1st BS SS		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	
10,000'	10,072 2nd BS SS 10,351 3rd BS Carb	10,550'					
11,000'	10,949 3rd BS SS 11,198 Wolfcamp 11,305 Wolfcamp Carb 11,404 Target LP	KOP @ 10,883'					
12,000'							18,956' MD 11,939' TVD

RECEIVED
NOV 04 2019
HOBBS OGD