

District I
1625 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
August 1, 2011
Permit 266494

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 325402		3. API Number 30-025-45914
5. Property Name OUTLAND STATE UNIT 11 2 WCA		6. Well No. 002H

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	130	S	1660	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
J	2	21S	34E	J	2500	S	1330	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 3671
16. Multiple N	17. Proposed Depth 18500	18. Formation Wolfcamp	19. Contractor	20. Spud Date 6/1/2019
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	20	94	1700	3000	0
Int1	17.5	13.375	68	5475	4020	0
Int2	12.25	9.625	40	5475	970	4000
Prod	8.75	5.5	20	18500	2515	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

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

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: 5/7/2019 Expiration Date: 5/7/2021
Date: 4/22/2019 Phone: 817-953-3728	Conditions of Approval Attached

Grama Ridge East 34 State com 3BS 5H-Surface/Intermediate Casing Sundry

04/04/2019- Notified OCD of Spud

04/05/2019-Spud Well

04/07/2019-Notified OCD of Csg/Cmnt job; Drill 17.5" surface hole to 1800'MD

04/08/2019-Ran 42 jts of 13.375", 54.5#, J-55 csg set @ 1771'MD; Pump 965 sxs (336 bbls) Class C lead cmnt @ 1.995 yield followed by 401 sxs (95 bbls) Class C tail cmnt @ 1.32 yield w/ 160 sxs (57 bbls) cmnt circulated to surface

04/09/2019-WOC 8 hours; notified OCD of BOP & Csg test. Test BOP Annular 250/2500 psi, 10 min, good test; Rams, Valves, & Choke 250/5000 psi, 10 min, good test; standpipe & mudlines 250/6000 psi, 10 min, good test

04/10/2019-Test Surface csg to 1500 psi, 30 minutes, good test

04/13/2019-Drill 12.25" Intermediate hole to 5695'MD; Notified OCD of csg/cmnt job

04/14/2019-04/15/2019-Ran 125 jts 9.625", 40#, J-55 LTC csg set @ 5685'MD w/ DV tool set @ 3902'MD

04/15/2019-Cmnt 1st Stage cmnt w/316 sxs (134 bbls) Class C lead cmnt @ 2.32 yield followed by 341 sxs (66 bbls) Class C tail cmnt @ 1.07 yield. Drop bomb, open DV Tool; Pump 2nd stage cmnt w/ 1113 sxs (472 bbls) Class C cmnt @ 2.32 yield w/ 447 sxs cmnt returned to surface.

04/16/2019-Test csg to 1500 psi, 30 min, good test

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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 266494

PERMIT COMMENTS

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 Cherry Street Fort Worth, TX 76102	API Number: 30-025-45914
	Well: OUTLAND STATE UNIT 11 2 WCA #002H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 266494

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

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 Cherry Street Fort Worth, TX 76102	API Number: 30-025-45914
	Well: OUTLAND STATE UNIT 11 2 WCA #002H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Will require a administrative order for non-standard location prior to placing the well on production.
pkautz	1) SURFACE & INTERMEDIATE1 CASING - Cement must circulate to surface -- 2) INTERMEDIATE2 CASING - Cement must tie back into intermediate1 casing -- 3) PRODUCTION CASING - Cement must tie back into intermediate2 casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186 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.