

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 267885

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address Titus Oil & Gas Production, LLC 100 Throckmorton St, Ste 1630 Fort Worth, TX 76012		2. OGRID Number 373986
4. Property Code 325747		3. API Number 30-015-46081
5. Property Name TODD 2 24S 31E STATE		6. Well No. 434H

7. Surface Location

UL - Lot N	Section 2	Township 24S	Range 31E	Lot Idn	Feet From 210	N/S Line S	Feet From 2610	E/W Line W	County Eddy
---------------	--------------	-----------------	--------------	---------	------------------	---------------	-------------------	---------------	----------------

8. Proposed Bottom Hole Location

UL - Lot C	Section 2	Township 24S	Range 31E	Lot Idn C	Feet From 10	N/S Line N	Feet From 2310	E/W Line W	County Eddy
---------------	--------------	-----------------	--------------	--------------	-----------------	---------------	-------------------	---------------	----------------

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
----------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3508
16. Multiple N	17. Proposed Depth 16930	18. Formation Wolfcamp	19. Contractor	20. Spud Date 6/15/2019
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	13.5	10.75	40.5	760	550	0
Int1	9.875	7.875	29.7	10400	1550	0
Prod	6.75	5.5	20	10400	0	9900
Prod	6.75	5	15	16930	1000	9900

Casing/Cement Program: Additional Comments

Drill 13-1/2" hole to ~ 760' with fresh water. Run 10-3/4" 40.5# J55 BTC casing to TD and cement to surface in one stage. Drill 9-7/8" hole to 10,400' with N-Gauge water based mud. Run 7-5/8" 29.7# L80 BTC casing to TD and cement to surface in 2 stages. Drill 6-3/4" vertical, curve & lateral to TD with OBM. Run 5.5" x 5" tapered production casing to TD and cement 500' tie back into intermediate casing in one stage.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	API 16D

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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Ryan Delong	Approved By: Raymond Podany
Title:	Title: Geologist
Email Address: rdelong@titusoil.com	Approved Date: 6/13/2019 Expiration Date: 6/13/2021
Date: 5/31/2019 Phone: 817-852-6370	Conditions of Approval Attached

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-102
August 1, 2011
Permit 267885

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-46081	2. Pool Code 98220	3. Pool Name PURPLE SAGE;WOLFCAMP (GAS)
4. Property Code 325747	5. Property Name TODD 2 24S 31E STATE	6. Well No. 434H
7. OGRID No. 373986	8. Operator Name Titus Oil & Gas Production, LLC	9. Elevation 3508

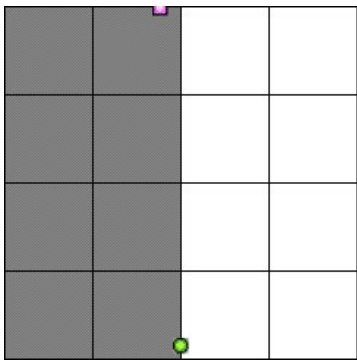
10. Surface Location

UL - Lot N	Section 2	Township 24S	Range 31E	Lot Idn	Feet From 210	N/S Line S	Feet From 2610	E/W Line W	County Eddy
---------------	--------------	-----------------	--------------	---------	------------------	---------------	-------------------	---------------	----------------

11. Bottom Hole Location If Different From Surface

UL - Lot C	Section 2	Township 24S	Range 31E	Lot Idn	Feet From 10	N/S Line N	Feet From 2310	E/W Line W	County Eddy
12. Dedicated Acres 319.97	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>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.</i> E-Signed By: Ryan Delong Title: Date: 5/31/2019 SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: Gary Jones Date of Survey: 5/29/2019 Certificate Number: 7977
---	--

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 APD Comments

Permit 267885

PERMIT COMMENTS

Operator Name and Address: Titus Oil & Gas Production, LLC [373986] 100 Throckmorton St, Ste 1630 Fort Worth, TX 76012		API Number: 30-015-46081
		Well: TODD 2 24S 31E STATE #434H

Created By	Comment	Comment Date
rdelong	Plats reflect minimum FTP and LTP distances to lease line only. Actual take points may differ.	5/31/2019
rpodany	operators request	5/31/2019

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 APD Conditions

Permit 267885

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: Titus Oil & Gas Production, LLC [373986] 100 Throckmorton St, Ste 1630 Fort Worth, TX 76012		API Number: 30-015-46081
		Well: TODD 2 24S 31E STATE #434H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	