

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Titus Oil & Gas Production, LLC 420 Throckmorton St, Ste 1150 Fort Worth, TX 76102		² OGRID Number 373986
		³ Reason for Filing Code/ Effective Date NW/8/17/2021
⁴ API Number 30 – 025-48144	⁵ Pool Name WC-025-G-09-S263619C, Wolfcamp JABALINA; WOLFCAMP, SOUTHWEST	⁶ Pool Code 98234 96776
⁷ Property Code 329869	⁸ Property Name Love Shack Fed Com	⁹ Well Number 511H

II. ¹⁰ Surface Location

UL or lot no. M	Section 17	Township 26S	Range 35E	Lot Idn	Feet from the 269’	North/South Line S	Feet from the 674’	East/West line W	County Lea
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¹¹ Bottom Hole Location

UL or lot no. D	Section 8	Township 26S	Range 35E	Lot Idn	Feet from the 18’	North/South line N	Feet from the 534’	East/West line W	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 8/17/2021	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

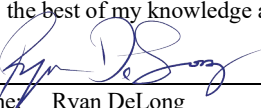
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
319135	Western Refining Pipeline, LLC 200 E. Hardin Street Findlay, OH 45840	O
371960	Lucid Energy Delaware, LLC 3100 Mckinnon Street, Suite 800 Dallas, TX 76201	G
308339	Oilfield Water Logistics 8201 Preston Rd, Suite 520 Dallas, TX	O

IV. Well Completion Data

²¹ Spud Date 2/26/2021	²² Ready Date 8/17/2021	²³ TD 23414’	²⁴ PBTD N/A	²⁵ Perforations 13078-23322’	²⁶ DHC, MC N/A
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13.5		10.75		1197’	
9.875		7.625		12169’	
6.75		5.5		11874’	
		5		23414’	
				1550 Class H	

V. Well Test Data

³¹ Date New Oil 8/17/2021	³² Gas Delivery Date 8/17/2021	³³ Test Date 10/1/2021	³⁴ Test Length 24hr	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size 26	³⁸ Oil 1057	³⁹ Water 7599	⁴⁰ Gas 1698		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Ryan DeLong			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Manager			Title: PETROLEUM SPECIALIST		
E-mail Address: rdelong@titusoil.com			Approval Date: 2/2/2022		
Date: 12/16/2021		Phone: 817-852-6370			

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-48144	2 Pool Code 98234 = 96776	3 Pool Name JABALINA; WOLFCAMP, SOUTH WEST
4 Property Code 329869	5 Property Name LOVE SHACK FED COM	6 Well Number 511H
7 OGRID No. 373986	8 Operator Name TITUS OIL & GAS PRODUCTION LLC	9 Elevation 3204'

" Surface Location

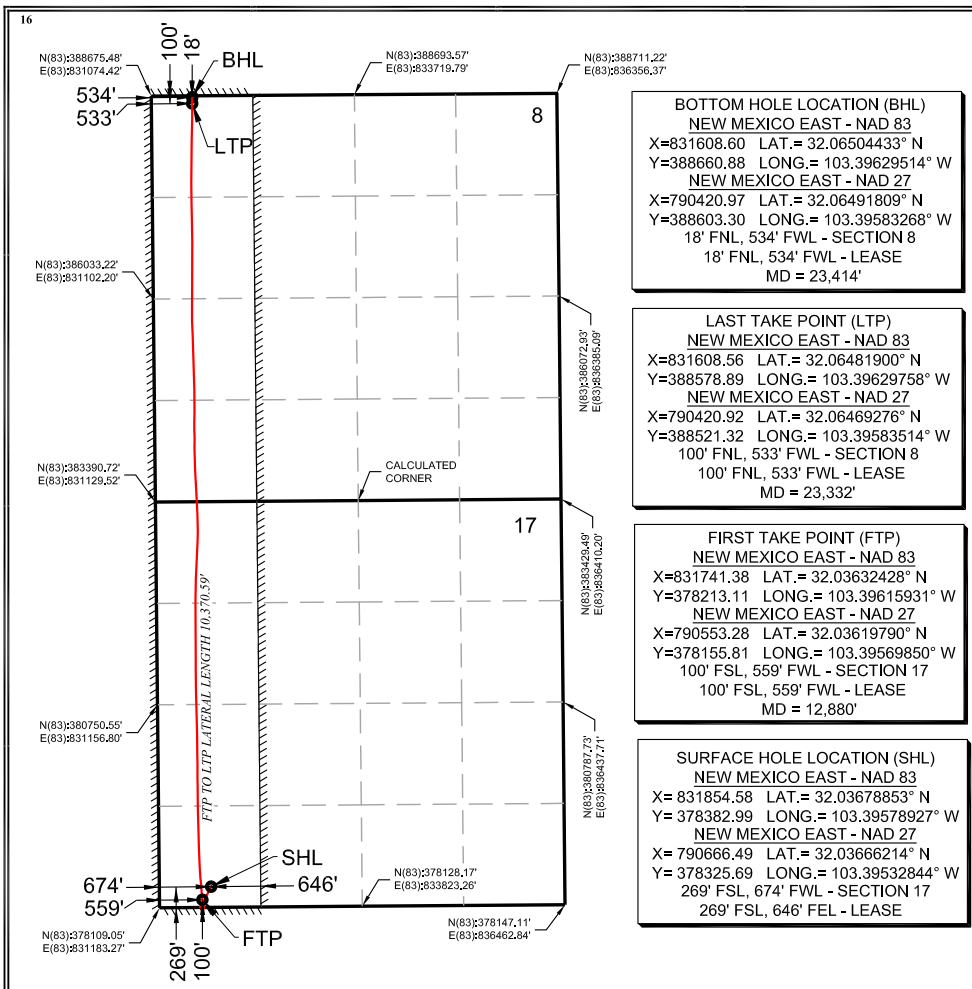
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	26-S	35-E		269'	SOUTH	674'	WEST	LEA

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	8	26-S	35-E		18'	NORTH	534'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320	Y		

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.



17 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 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.

Ryan DeLong 7/28/2021
Signature Date

Ryan DeLong - Regulatory Manager
Printed Name

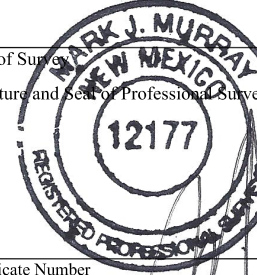
rdelong@titusoil.com
E-mail Address

18 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.

Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number



6/23/2021



Titus Oil & Gas Production, LLC

Lea County, NM (NAD27 NME)

Love Shack Fed Com

511H

OH / 67360

Survey: Phoenix MWD Surveys

Standard Survey Report

27 April, 2021





Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 511H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3227.00usft (Nabors 7503)
Site:	Love Shack Fed Com	MD Reference:	RKB @ 3227.00usft (Nabors 7503)
Well:	511H	North Reference:	Grid
Wellbore:	OH / 67360	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Nabors M7503)	Database:	USA Compass

Project	Lea County, NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Love Shack Fed Com		
Site Position:		Northing:	378,325.18 usft
From:	Map	Easting:	790,606.47 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 11.983884 N
		Longitude:	103° 23' 43.879668 W
		Grid Convergence:	0.50 °

Well	511H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 2' 11.983704 N
		Longitude:	103° 23' 43.182384 W
		Ground Level:	3,204.00 usft

Wellbore	OH / 67360		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	3/20/2021	6.37
			Dip Angle (°)
			59.63
			Field Strength (nT)
			47,479.72412274

Design	Surveys (Nabors M7503)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			359.41

Survey Program	Date	4/27/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
166.00	23,414.00	Phoenix MWD Surveys (OH / 67360)	MWD+HRGM	OWSG MWD + HRGM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.00	0.63	284.94	166.00	0.24	-0.88	0.24	0.38	0.38	0.00
First Phoenix MWD Survey									
320.00	0.64	253.89	319.99	0.21	-2.53	0.24	0.22	0.01	-20.16
472.00	0.50	283.20	471.98	0.13	-3.99	0.17	0.21	-0.09	19.28
654.00	0.82	217.11	653.97	-0.73	-5.55	-0.67	0.42	0.18	-36.31
837.00	0.98	220.36	836.95	-2.96	-7.35	-2.89	0.09	0.09	1.78
1,021.00	1.06	209.49	1,020.92	-5.64	-9.21	-5.55	0.11	0.04	-5.91
1,132.00	0.93	211.51	1,131.90	-7.31	-10.18	-7.20	0.12	-0.12	1.82
1,326.00	0.96	203.60	1,325.88	-10.14	-11.66	-10.02	0.07	0.02	-4.08
1,420.00	0.81	188.15	1,419.86	-11.52	-12.07	-11.39	0.30	-0.16	-16.44



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Well:	511H	North Reference:	Grid
Wellbore:	OH / 67360	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Nabors M7503)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,515.00	2.13	201.75	1,514.83	-13.82	-12.82	-13.69	1.43	1.39	14.32
1,608.00	2.54	198.01	1,607.75	-17.39	-14.09	-17.24	0.47	0.44	-4.02
1,702.00	2.50	195.96	1,701.66	-21.34	-15.30	-21.18	0.10	-0.04	-2.18
1,890.00	3.08	213.62	1,889.44	-29.49	-19.22	-29.29	0.55	0.31	9.39
2,077.00	2.93	202.18	2,076.19	-38.10	-23.81	-37.85	0.33	-0.08	-6.12
2,265.00	2.90	198.58	2,263.94	-47.05	-27.14	-46.77	0.10	-0.02	-1.91
2,453.00	3.31	200.48	2,451.67	-56.64	-30.55	-56.33	0.22	0.22	1.01
2,641.00	3.67	207.33	2,639.32	-67.07	-35.22	-66.71	0.29	0.19	3.64
2,829.00	3.56	194.75	2,826.95	-78.06	-39.46	-77.65	0.43	-0.06	-6.69
3,018.00	4.29	212.37	3,015.51	-89.71	-44.74	-89.24	0.74	0.39	9.32
3,206.00	3.85	209.46	3,203.04	-101.14	-51.61	-100.61	0.26	-0.23	-1.55
3,395.00	2.93	204.95	3,391.70	-111.05	-56.77	-110.46	0.51	-0.49	-2.39
3,582.00	2.21	188.00	3,578.52	-118.95	-59.29	-118.34	0.56	-0.39	-9.06
3,770.00	2.64	210.83	3,766.35	-126.26	-62.01	-125.62	0.56	0.23	12.14
3,958.00	2.09	211.01	3,954.19	-132.92	-66.00	-132.23	0.29	-0.29	0.10
4,145.00	2.63	206.69	4,141.03	-139.67	-69.68	-138.95	0.30	0.29	-2.31
4,332.00	2.05	204.82	4,327.88	-146.54	-73.01	-145.78	0.31	-0.31	-1.00
4,520.00	3.73	209.51	4,515.63	-154.92	-77.44	-154.11	0.90	0.89	2.49
4,708.00	3.03	191.11	4,703.31	-165.11	-81.41	-164.27	0.68	-0.37	-9.79
4,895.00	4.11	194.31	4,889.94	-176.46	-84.01	-175.58	0.59	0.58	1.71
5,083.00	4.49	193.97	5,077.41	-190.13	-87.46	-189.22	0.20	0.20	-0.18
5,272.00	5.71	221.82	5,265.69	-204.32	-95.51	-203.32	1.44	0.65	14.74
5,460.00	4.58	223.54	5,452.93	-216.73	-106.92	-215.61	0.61	-0.60	0.91
5,648.00	4.60	226.28	5,640.33	-227.38	-117.54	-226.16	0.12	0.01	1.46
5,837.00	4.10	221.40	5,828.78	-237.68	-127.48	-236.36	0.33	-0.26	-2.58
6,025.00	3.49	214.02	6,016.37	-247.47	-135.13	-246.06	0.42	-0.32	-3.93
6,213.00	2.48	207.25	6,204.11	-255.83	-140.19	-254.37	0.57	-0.54	-3.60
6,401.00	2.10	197.59	6,391.96	-262.73	-143.10	-261.24	0.29	-0.20	-5.14
6,590.00	0.68	185.86	6,580.90	-267.14	-144.26	-265.64	0.76	-0.75	-6.21
6,777.00	0.25	38.49	6,767.90	-267.93	-144.12	-266.43	0.48	-0.23	-78.81
6,965.00	0.89	43.87	6,955.89	-266.55	-142.85	-265.07	0.34	0.34	2.86
7,153.00	0.92	39.93	7,143.87	-264.34	-140.87	-262.88	0.04	0.02	-2.10
7,342.00	1.01	47.41	7,332.84	-262.05	-138.67	-260.61	0.08	0.05	3.96
7,529.00	0.69	48.21	7,519.82	-260.19	-136.62	-258.77	0.17	-0.17	0.43
7,718.00	0.35	58.44	7,708.81	-259.13	-135.28	-257.72	0.19	-0.18	5.41
7,812.00	0.47	30.07	7,802.81	-258.64	-134.84	-257.24	0.25	0.13	-30.18
7,999.00	0.21	343.62	7,989.81	-257.65	-134.55	-256.25	0.19	-0.14	-24.84
8,188.00	0.09	103.08	8,178.80	-257.35	-134.50	-255.95	0.14	-0.06	63.21
8,376.00	0.28	167.49	8,366.80	-257.83	-134.26	-256.44	0.14	0.10	34.26
8,565.00	0.23	159.23	8,555.80	-258.64	-134.03	-257.25	0.03	-0.03	-4.37
8,752.00	0.35	141.65	8,742.80	-259.44	-133.54	-258.05	0.08	0.06	-9.40
8,940.00	0.25	177.98	8,930.80	-260.30	-133.17	-258.91	0.11	-0.05	19.32
9,128.00	0.38	184.05	9,118.79	-261.33	-133.20	-259.95	0.07	0.07	3.23



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 511H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3227.00usft (Nabors 7503)
Site:	Love Shack Fed Com	MD Reference:	RKB @ 3227.00usft (Nabors 7503)
Well:	511H	North Reference:	Grid
Wellbore:	OH / 67360	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Nabors M7503)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,222.00	0.34	162.41	9,212.79	-261.91	-133.14	-260.52	0.15	-0.04	-23.02
9,409.00	0.45	133.85	9,399.79	-262.94	-132.44	-261.57	0.12	0.06	-15.27
9,598.00	0.18	86.37	9,588.79	-263.44	-131.61	-262.07	0.19	-0.14	-25.12
9,786.00	0.62	179.25	9,776.78	-264.44	-131.30	-263.07	0.35	0.23	49.40
9,975.00	0.91	145.35	9,965.77	-266.70	-130.43	-265.34	0.28	0.15	-17.94
10,163.00	0.74	103.94	10,153.75	-268.22	-128.40	-266.88	0.32	-0.09	-22.03
10,351.00	2.80	54.26	10,341.65	-265.83	-123.50	-264.54	1.27	1.10	-26.43
10,539.00	2.20	53.41	10,529.47	-260.99	-116.87	-259.78	0.32	-0.32	-0.45
10,727.00	1.71	49.93	10,717.36	-257.04	-111.83	-255.87	0.27	-0.26	-1.85
10,915.00	1.33	47.79	10,905.30	-253.77	-108.07	-252.64	0.20	-0.20	-1.14
11,103.00	0.79	102.66	11,093.27	-252.58	-105.19	-251.49	0.58	-0.29	29.19
11,291.00	1.35	162.34	11,281.24	-254.98	-103.25	-253.90	0.62	0.30	31.74
11,478.00	3.10	120.86	11,468.10	-259.67	-98.24	-258.65	1.21	0.94	-22.18
11,666.00	2.86	166.04	11,655.87	-266.83	-92.75	-265.86	1.22	-0.13	24.03
11,854.00	1.52	197.96	11,843.74	-273.76	-92.38	-272.79	0.94	-0.71	16.98
12,041.00	1.68	201.80	12,030.67	-278.66	-94.17	-277.68	0.10	0.09	2.05
12,112.00	1.97	200.11	12,101.63	-280.77	-94.97	-279.78	0.42	0.41	-2.38
12,245.00	0.48	309.23	12,234.60	-282.57	-96.19	-281.56	1.64	-1.12	82.05
12,339.00	2.16	356.25	12,328.58	-280.55	-96.61	-279.54	1.99	1.79	50.02
12,434.00	1.70	346.22	12,423.52	-277.39	-97.06	-276.38	0.60	-0.48	-10.56
12,529.00	1.26	325.49	12,518.49	-275.17	-97.99	-274.14	0.72	-0.46	-21.82
12,577.00	4.75	335.68	12,566.42	-272.92	-99.11	-271.88	7.33	7.27	21.23
12,624.00	11.01	341.13	12,612.95	-266.89	-101.36	-265.83	13.40	13.32	11.60
12,672.00	16.05	349.28	12,659.61	-256.03	-104.08	-254.94	11.20	10.50	16.98
12,719.00	19.53	352.16	12,704.36	-241.86	-106.36	-240.75	7.64	7.40	6.13
12,766.00	23.71	354.24	12,748.04	-224.66	-108.38	-223.54	9.04	8.89	4.43
12,813.00	28.37	355.59	12,790.26	-204.12	-110.19	-202.97	9.99	9.91	2.87
12,880.00	33.39	354.41	12,847.74	-169.87	-113.21	-168.70	7.55	7.50	-1.76
12,905.00	35.27	354.05	12,868.38	-155.85	-114.63	-154.66	7.55	7.51	-1.45
12,953.00	40.61	353.87	12,906.23	-126.51	-117.74	-125.29	11.13	11.13	-0.38
13,000.00	46.03	354.75	12,940.41	-94.43	-120.92	-93.18	11.60	11.53	1.87
13,096.00	58.72	355.75	12,998.90	-18.81	-127.15	-17.50	13.24	13.22	1.04
13,190.00	71.24	354.31	13,038.58	65.87	-134.57	67.25	13.39	13.32	-1.53
13,238.00	78.19	354.28	13,051.22	111.91	-139.17	113.34	14.48	14.48	-0.06
13,285.00	82.97	357.03	13,058.91	158.13	-142.67	159.59	11.69	10.17	5.85
13,380.00	91.07	357.04	13,063.85	252.79	-147.57	254.30	8.53	8.53	0.01
13,401.00	91.72	357.50	13,063.34	273.76	-148.57	275.28	3.79	3.10	2.19
13,496.00	93.24	357.65	13,059.23	368.59	-152.59	370.14	1.61	1.60	0.16
13,591.00	93.66	357.66	13,053.51	463.34	-156.47	464.92	0.44	0.44	0.01
13,686.00	93.15	357.72	13,047.87	558.09	-160.29	559.71	0.54	-0.54	0.06
13,780.00	91.50	358.40	13,044.05	651.96	-163.47	653.60	1.90	-1.76	0.72
13,875.00	90.81	357.98	13,042.14	746.89	-166.47	748.56	0.85	-0.73	-0.44



Survey Report



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Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3227.00usft (Nabors 7503)
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Design:	Surveys (Nabors M7503)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,970.00	87.74	358.38	13,043.34	841.82	-169.49	843.52	3.26	-3.23	0.42
14,065.00	92.68	0.73	13,042.99	936.78	-170.23	938.48	5.76	5.20	2.47
14,159.00	90.75	359.38	13,040.18	1,030.73	-170.14	1,032.43	2.51	-2.05	-1.44
14,255.00	88.85	358.06	13,040.51	1,126.70	-172.28	1,128.42	2.41	-1.98	-1.38
14,349.00	88.31	359.25	13,042.84	1,220.65	-174.49	1,222.38	1.39	-0.57	1.27
14,444.00	87.05	358.92	13,046.69	1,315.55	-176.00	1,317.30	1.37	-1.33	-0.35
14,539.00	89.75	0.17	13,049.34	1,410.50	-176.76	1,412.25	3.13	2.84	1.32
14,634.00	88.82	359.17	13,050.53	1,505.49	-177.30	1,507.24	1.44	-0.98	-1.05
14,729.00	88.55	359.71	13,052.71	1,600.46	-178.23	1,602.21	0.64	-0.28	0.57
14,823.00	86.10	359.06	13,057.09	1,694.35	-179.24	1,696.10	2.70	-2.61	-0.69
14,918.00	87.39	359.72	13,062.49	1,789.18	-180.25	1,790.95	1.52	1.36	0.69
15,012.00	87.26	358.55	13,066.88	1,883.07	-181.66	1,884.84	1.25	-0.14	-1.24
15,106.00	91.10	0.21	13,068.22	1,977.03	-182.68	1,978.81	4.45	4.09	1.77
15,200.00	90.22	359.24	13,067.14	2,071.02	-183.13	2,072.80	1.39	-0.94	-1.03
15,293.00	89.18	356.98	13,067.62	2,163.97	-186.20	2,165.77	2.68	-1.12	-2.43
15,388.00	90.13	358.90	13,068.20	2,258.90	-189.61	2,260.73	2.25	1.00	2.02
15,483.00	88.73	356.88	13,069.14	2,353.82	-193.11	2,355.68	2.59	-1.47	-2.13
15,578.00	94.77	0.40	13,066.24	2,448.69	-195.37	2,450.57	7.36	6.36	3.71
15,673.00	92.24	0.40	13,060.43	2,543.50	-194.71	2,545.37	2.66	-2.66	0.00
15,768.00	86.40	357.39	13,061.56	2,638.43	-196.54	2,640.31	6.92	-6.15	-3.17
15,861.00	89.41	359.31	13,064.96	2,731.31	-199.21	2,733.22	3.84	3.24	2.06
15,956.00	92.15	359.70	13,063.67	2,826.29	-200.03	2,828.20	2.91	2.88	0.41
16,052.00	92.47	359.89	13,059.80	2,922.21	-200.37	2,924.12	0.39	0.33	0.20
16,146.00	92.43	359.94	13,055.78	3,016.12	-200.51	3,018.03	0.07	-0.04	0.05
16,242.00	92.55	358.67	13,051.61	3,112.02	-201.68	3,113.94	1.33	0.13	-1.32
16,337.00	91.45	359.59	13,048.29	3,206.95	-203.12	3,208.87	1.51	-1.16	0.97
16,431.00	91.19	0.28	13,046.13	3,300.93	-203.22	3,302.84	0.78	-0.28	0.73
16,526.00	92.19	0.85	13,043.33	3,395.88	-202.29	3,397.78	1.21	1.05	0.60
16,620.00	88.61	0.06	13,042.67	3,489.86	-201.54	3,491.75	3.90	-3.81	-0.84
16,715.00	88.24	359.86	13,045.28	3,584.82	-201.61	3,586.71	0.44	-0.39	-0.21
16,810.00	87.74	359.69	13,048.61	3,679.76	-201.98	3,681.65	0.56	-0.53	-0.18
16,903.00	87.13	359.24	13,052.78	3,772.66	-202.85	3,774.55	0.81	-0.66	-0.48
16,997.00	89.33	0.24	13,055.68	3,866.61	-203.27	3,868.50	2.57	2.34	1.06
17,091.00	91.15	2.79	13,055.28	3,960.57	-200.79	3,962.42	3.33	1.94	2.71
17,185.00	89.21	2.59	13,054.99	4,054.46	-196.38	4,056.27	2.07	-2.06	-0.21
17,280.00	89.61	1.97	13,055.97	4,149.38	-192.60	4,151.14	0.78	0.42	-0.65
17,374.00	91.33	2.90	13,055.20	4,243.28	-188.61	4,245.00	2.08	1.83	0.99
17,468.00	90.08	2.74	13,054.04	4,337.16	-183.98	4,338.83	1.34	-1.33	-0.17
17,562.00	89.68	2.29	13,054.24	4,431.07	-179.86	4,432.69	0.64	-0.43	-0.48
17,657.00	92.16	3.54	13,052.71	4,525.93	-175.03	4,527.49	2.92	2.61	1.32
17,753.00	90.84	358.45	13,050.20	4,621.85	-173.36	4,623.39	5.48	-1.38	-5.30
17,846.00	92.24	359.04	13,047.70	4,714.79	-175.40	4,716.34	1.63	1.51	0.63
17,941.00	90.64	357.92	13,045.31	4,809.72	-177.92	4,811.30	2.06	-1.68	-1.18
18,036.00	90.19	357.07	13,044.62	4,904.62	-182.07	4,906.24	1.01	-0.47	-0.89



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 511H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3227.00usft (Nabors 7503)
Site:	Love Shack Fed Com	MD Reference:	RKB @ 3227.00usft (Nabors 7503)
Well:	511H	North Reference:	Grid
Wellbore:	OH / 67360	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Nabors M7503)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,131.00	92.50	357.62	13,042.39	4,999.49	-186.47	5,001.14	2.50	2.43	0.58
18,225.00	92.75	357.79	13,038.09	5,093.32	-190.23	5,095.00	0.32	0.27	0.18
18,320.00	90.72	357.05	13,035.21	5,188.17	-194.50	5,189.90	2.27	-2.14	-0.78
18,415.00	90.45	355.97	13,034.24	5,282.99	-200.29	5,284.77	1.17	-0.28	-1.14
18,510.00	90.62	357.23	13,033.35	5,377.81	-205.92	5,379.65	1.34	0.18	1.33
18,605.00	91.49	356.61	13,031.61	5,472.66	-211.02	5,474.54	1.12	0.92	-0.65
18,700.00	90.12	0.10	13,030.27	5,567.59	-213.75	5,569.50	3.95	-1.44	3.67
18,794.00	90.28	359.79	13,029.94	5,661.59	-213.84	5,663.49	0.37	0.17	-0.33
18,889.00	92.52	0.32	13,027.62	5,756.56	-213.75	5,758.45	2.42	2.36	0.56
18,984.00	90.18	358.37	13,025.38	5,851.51	-214.83	5,853.42	3.21	-2.46	-2.05
19,078.00	89.70	357.88	13,025.48	5,945.46	-217.91	5,947.39	0.73	-0.51	-0.52
19,173.00	90.07	1.28	13,025.67	6,040.45	-218.61	6,042.38	3.60	0.39	3.58
19,268.00	92.63	0.86	13,023.43	6,135.40	-216.83	6,137.30	2.73	2.69	-0.44
19,363.00	92.44	0.52	13,019.23	6,230.30	-215.69	6,232.19	0.41	-0.20	-0.36
19,459.00	93.67	359.61	13,014.12	6,326.16	-215.58	6,328.04	1.59	1.28	-0.95
19,553.00	90.56	358.19	13,010.65	6,420.06	-217.39	6,421.96	3.64	-3.31	-1.51
19,648.00	91.35	358.47	13,009.06	6,515.01	-220.15	6,516.93	0.88	0.83	0.29
19,743.00	93.66	358.17	13,004.91	6,609.87	-222.94	6,611.81	2.45	2.43	-0.32
19,838.00	91.09	358.60	13,000.98	6,704.74	-225.61	6,706.71	2.74	-2.71	0.45
19,932.00	90.01	358.68	13,000.07	6,798.71	-227.84	6,800.69	1.15	-1.15	0.09
20,028.00	88.88	358.11	13,001.00	6,894.66	-230.53	6,896.67	1.32	-1.18	-0.59
20,121.00	90.73	358.44	13,001.32	6,987.62	-233.33	6,989.65	2.02	1.99	0.35
20,215.00	93.94	358.88	12,997.49	7,081.50	-235.53	7,083.55	3.45	3.41	0.47
20,310.00	90.96	356.24	12,993.43	7,176.31	-239.57	7,178.40	4.19	-3.14	-2.78
20,404.00	92.01	357.72	12,990.99	7,270.14	-244.52	7,272.28	1.93	1.12	1.57
20,499.00	90.92	359.24	12,988.56	7,365.07	-247.04	7,367.23	1.97	-1.15	1.60
20,594.00	93.15	0.32	12,985.19	7,460.01	-247.40	7,462.16	2.61	2.35	1.14
20,689.00	92.46	358.87	12,980.54	7,554.89	-248.07	7,557.04	1.69	-0.73	-1.53
20,783.00	93.83	2.48	12,975.38	7,648.72	-246.97	7,650.86	4.10	1.46	3.84
20,878.00	91.38	0.06	12,971.06	7,743.59	-244.87	7,745.70	3.62	-2.58	-2.55
20,974.00	90.28	358.67	12,969.67	7,839.57	-245.93	7,841.68	1.85	-1.15	-1.45
21,068.00	91.90	1.03	12,967.89	7,933.54	-246.18	7,935.65	3.04	1.72	2.51
21,161.00	92.10	359.87	12,964.64	8,026.48	-245.45	8,028.58	1.26	0.22	-1.25
21,256.00	93.14	0.07	12,960.30	8,121.38	-245.50	8,123.47	1.11	1.09	0.21
21,351.00	94.05	0.81	12,954.34	8,216.19	-244.77	8,218.27	1.23	0.96	0.78
21,446.00	92.63	359.90	12,948.81	8,311.02	-244.18	8,313.09	1.77	-1.49	-0.96
21,541.00	93.52	359.49	12,943.71	8,405.88	-244.69	8,407.95	1.03	0.94	-0.43
21,636.00	91.66	359.74	12,939.42	8,500.78	-245.33	8,502.85	1.98	-1.96	0.26
21,730.00	91.53	358.31	12,936.80	8,594.72	-246.93	8,596.81	1.53	-0.14	-1.52
21,824.00	90.25	358.80	12,935.34	8,688.68	-249.30	8,690.79	1.46	-1.36	0.52
21,919.00	90.82	358.92	12,934.45	8,783.66	-251.19	8,785.78	0.61	0.60	0.13
22,014.00	91.64	358.51	12,932.41	8,878.61	-253.32	8,880.75	0.96	0.86	-0.43
22,109.00	92.35	358.04	12,929.11	8,973.51	-256.17	8,975.67	0.90	0.75	-0.49



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 511H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3227.00usft (Nabors 7503)
Site:	Love Shack Fed Com	MD Reference:	RKB @ 3227.00usft (Nabors 7503)
Well:	511H	North Reference:	Grid
Wellbore:	OH / 67360	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Nabors M7503)	Database:	USA Compass

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
22,202.00	92.63	0.35	12,925.07	9,066.41	-257.48	9,068.58	2.50	0.30	2.48	
22,297.00	92.79	0.31	12,920.57	9,161.30	-256.93	9,163.46	0.17	0.17	-0.04	
22,391.00	92.07	0.76	12,916.59	9,255.21	-256.05	9,257.35	0.90	-0.77	0.48	
22,486.00	92.36	359.94	12,912.92	9,350.13	-255.48	9,352.27	0.91	0.31	-0.86	
22,581.00	93.52	359.94	12,908.04	9,445.01	-255.57	9,447.14	1.22	1.22	0.00	
22,675.00	92.63	0.03	12,903.00	9,538.87	-255.60	9,541.00	0.95	-0.95	0.10	
22,770.00	89.67	0.84	12,901.10	9,633.84	-254.88	9,635.95	3.23	-3.12	0.85	
22,865.00	89.70	1.72	12,901.62	9,728.81	-252.76	9,730.90	0.93	0.03	0.93	
22,959.00	90.99	2.69	12,901.05	9,822.74	-249.14	9,824.78	1.72	1.37	1.03	
23,054.00	90.98	0.66	12,899.42	9,917.68	-246.36	9,919.69	2.14	-0.01	-2.14	
23,148.00	91.16	1.04	12,897.66	10,011.65	-244.97	10,013.64	0.45	0.19	0.40	
23,243.00	89.41	359.09	12,897.19	10,106.64	-244.86	10,108.63	2.76	-1.84	-2.05	
23,332.23	91.09	359.99	12,896.80	10,195.86	-245.58	10,197.85	2.14	1.88	1.01	
23,337.00	91.18	0.04	12,896.71	10,200.63	-245.57	10,202.62	2.14	1.88	1.01	
Final Phoenix MWD Survey										
23,414.00	91.18	0.04	12,895.12	10,277.62	-245.52	10,279.60	0.00	0.00	0.00	
Projection to TD										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
166.00	166.00	0.24	-0.88	First Phoenix MWD Survey	
23,337.00	12,896.71	10,200.63	-245.57	Final Phoenix MWD Survey	
23,414.00	12,895.12	10,277.62	-245.52	Projection to TD	

Submit a 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. 30-025-48144
5. Indicate Type of Lease STATE ☐ FEE FED ☒
6. State Oil & Gas Lease No. 329869
7. Lease Name or Unit Agreement Name Love Shack Fed Com
8. Well Number 511H
9. OGRID Number 329869
10. Pool name or Wildcat 96776 WC-025-G-09-S263619C; Wolfcamp

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK 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 Titus Oil & Gas Production, LLC	
3. Address of Operator 420 Throckmorton St, Ste 1150 Fort Worth, TX 76102	
4. Well Location Unit Letter <u>M</u> <u>269</u> feet from the <u>South</u> line and <u>674</u> feet from the <u>West</u> line Section <u>17</u> Township <u>26S</u> Range <u>35E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3204'	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: New Well Completion ☒	

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.

TITUS HAS COMPLETED THE FOLLOWING

5/29/2021 – PRESSURE UP CASING 9500PSI 30 MINUTES TEST
 6/7/2021-7/17/2021 – PERF AND FRAC 68 STAGES, PERFS @ 13,078'-23,322'
 FRAC WITH 579,374 BBL LIQUID AND 30,519,558 LBS OF PROPPANT
 7/23/2021 – DRILL OUT PLUGS
 TURN OVER TO PRODUCTION
 TD 23414'

Spud Date: 2/26/2021

Rig Release Date: 4/28/2021

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

SIGNATURE  TITLE Regulatory Manager DATE 12/16/2021

Type or print name Ryan DeLong E-mail address: rdelong@titusoil.com PHONE: 817-852-6370

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-48144		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Love Shack Fed Com		
								6. Well Number: 511H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Titus Oil & Gas Production, LLC						9. OGRID 373986				
10. Address of Operator 420 Throckmorton St, Ste 1150 Fort Worth, TX 76102						11. Pool name or Wildcat WC-025-G-09-S263619C ; Wolfcamp 96776				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	17	26S	35E		269	S	674	W	Lea
BH:	D	8	26S	35E		18	N	534	W	Lea
13. Date Spudded 2/26/2021	14. Date T.D. Reached 4/27/2021		15. Date Rig Released 4/28/2021		16. Date Completed (Ready to Produce) 8/17/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3204' GR		
18. Total Measured Depth of Well 23414			19. Plug Back Measured Depth		20. Was Directional Survey Made? Y			21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10.75		45.5		1197'		13.5		700sx		
7.625		29.7		12169'		9.875		1780sx		
5.5		23		11874'		6.75		1550sx		
5		18		23414'		6.75				
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET		PACKER SET
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						13078-23322		Frac w/579,374 bbl liquid, 30,519,558 lbs prop		
28. PRODUCTION										
Date First Production 8/17/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing					Well Status (<i>Prod. or Shut-in</i>) Prod			
Date of Test 10/1/2021	Hours Tested 24	Choke Size 36	Prod'n For Test Period	Oil - Bbl 1057	Gas - MCF 1698	Water - Bbl. 7599	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 47.4				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) sold									30. Test Witnessed By Titus	
31. List Attachments Directional Survey, C-102, C-103, C-104										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.									33. Rig Release Date:	
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>										
Signature 			Printed Name Ryan DeLong		Title Regulatory Manager		Date 12/16/2021			
E-mail Address rdelong@titusoil.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt 1550	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 5062	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs10493	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology
12912'			Wolfcamp B

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

ACKNOWLEDGMENTS

Action 67391

ACKNOWLEDGMENTS

Operator: Titus Oil & Gas Production, LLC 420 Throckmorton St, Ste 1150 Fort Worth, TX 76012	OGRID: 373986
	Action Number: 67391
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 67391

CONDITIONS

Operator: Titus Oil & Gas Production, LLC 420 Throckmorton St, Ste 1150 Fort Worth, TX 76012	OGRID: 373986
	Action Number: 67391
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval.	2/2/2022