

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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/4/17/2022
⁴ API Number 30 – 025-48156	⁵ Pool Name Jabalina; Wolfcamp, Southwest	⁶ Pool Code 96776
⁷ Property Code 329869	⁸ Property Name Lonesome Dove Fed Com	⁹ Well Number 432 H

II. ¹⁰ Surface Location

UL or lot no. K	Section 17	Township 26S	Range 35E	Lot Idn	Feet from the 1592’	North/South Line South	Feet from the 2050’	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. C	Section 8	Township 26S	Range 35E	Lot Idn	Feet from the 36’	North/South line North	Feet from the 2266’	East/West line West	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/17/2022	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

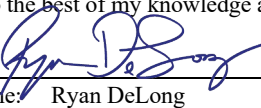
III. Oil and Gas Transporters

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	W

IV. Well Completion Data

²¹ Spud Date 11/15/2021	²² Ready Date 4/17/2022	²³ TD 21567’	²⁴ PBTD 21567’	²⁵ Perforations 13686’-21491’	²⁶ DHC, MC N/A
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13.5		10.75		1149’	
9.875		7.625		12116’	
6.75		5.5		11844’	
		5		21567’	
				1500 Class H	

V. Well Test Data

³¹ Date New Oil 4/17/2022	³² Gas Delivery Date 4/17/2022	³³ Test Date 5/06/2022	³⁴ Test Length 24hr	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1726
³⁷ Choke Size 44	³⁸ Oil 2155.17	³⁹ Water 6360.95	⁴⁰ Gas 2860.49		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:		
Title: Regulatory Manager			Title:		
E-mail Address: rdelong@titusoil.com			Approval Date:		
Date: 8/25/2022		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: (505) 334-6170

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 30-025-48156	2 Pool Code 96776	3 Pool Name JABALINA; WOLFCAMP; SOUTHWEST
4 Property Code 329881	5 Property Name LONESOME DOVE FED COM	6 Well Number 432H
7 OGRID No. 373986	8 Operator Name TITUS OIL & GAS PRODUCTION LLC	9 Elevation 3215'

¹⁰ Surface Location

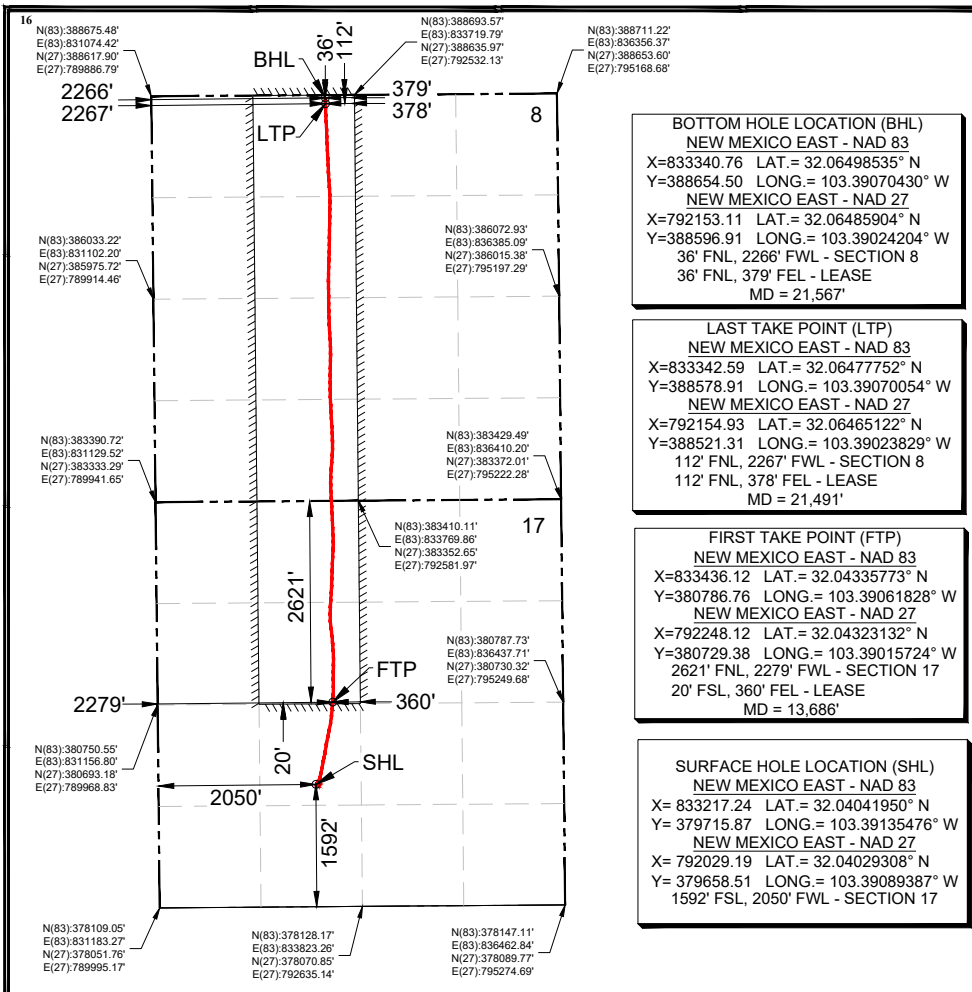
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	17	26-S	35-E		1592'	SOUTH	2050'	WEST	LEA

¹¹ 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
C	8	26-S	35-E		36'	NORTH	2266'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
240	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 4/13/2022
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:

MARK J. MURRAY
12177
REGISTERED PROFESSIONAL SURVEYOR
4/13/2022
Certificate Number



Titus Oil & Gas Production, LLC

**Lea County, NM (NAD27 NME)
Lonesome Dove Fed Com
432H**

OH / 68687

Survey: Phoenix MWD Surveys

Standard Survey Report

18 January, 2022





Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 432H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3241.50usft (H&P 474)
Site:	Lonesome Dove Fed Com	MD Reference:	RKB @ 3241.50usft (H&P 474)
Well:	432H	North Reference:	Grid
Wellbore:	OH / 68687	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 474)	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	Lonesome Dove Fed Com		
Site Position:		Northing:	379,658.04 usft
From:	Map	Easting:	791,969.26 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 25.055577 N
		Longitude:	103° 23' 27.914186 W
		Grid Convergence:	0.50 °

Well	432H		
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' 25.055053 N
		Longitude:	103° 23' 27.217955 W
		Ground Level:	3,215.00 usft

Wellbore	OH / 68687		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	12/20/2021	6.30
			Dip Angle (°)
			59.61
			Field Strength (nT)
			47,403.85969942

Design	Surveys (H&P 474)		
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	1/18/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
174.00	21,567.00	Phoenix MWD Surveys (OH / 68687)	MWD+HDGM	OWSG Rev.2 MWD + HDGM

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
174.00	0.15	120.58	174.00	-0.12	0.20	-0.12	0.09	0.09	0.00
First Phoenix MWD Survey									
294.00	0.34	101.68	294.00	-0.27	0.68	-0.27	0.17	0.16	-15.75
475.00	0.51	147.66	474.99	-1.06	1.64	-1.07	0.20	0.09	25.40
566.00	0.33	93.02	565.99	-1.41	2.12	-1.43	0.46	-0.20	-60.04
656.00	0.61	119.71	655.99	-1.66	2.79	-1.69	0.39	0.31	29.66
746.00	0.38	122.52	745.99	-2.06	3.46	-2.10	0.26	-0.26	3.12
837.00	0.20	94.85	836.98	-2.24	3.87	-2.28	0.25	-0.20	-30.41
928.00	0.43	92.01	927.98	-2.26	4.37	-2.31	0.25	0.25	-3.12
1,023.00	0.33	76.45	1,022.98	-2.21	4.99	-2.26	0.15	-0.11	-16.38



Survey Report



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Well:	432H	North Reference:	Grid
Wellbore:	OH / 68687	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 474)	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)
1,101.00	0.29	137.87	1,100.98	-2.31	5.34	-2.36	0.41	-0.05	78.74
1,226.00	0.30	106.84	1,225.98	-2.63	5.87	-2.70	0.13	0.01	-24.82
1,321.00	0.36	94.94	1,320.98	-2.73	6.40	-2.80	0.10	0.06	-12.53
1,416.00	0.37	108.00	1,415.97	-2.85	6.99	-2.92	0.09	0.01	13.75
1,510.00	0.28	104.61	1,509.97	-3.00	7.50	-3.08	0.10	-0.10	-3.61
1,605.00	0.13	76.61	1,604.97	-3.04	7.83	-3.12	0.19	-0.16	-29.47
1,700.00	0.26	44.71	1,699.97	-2.86	8.09	-2.94	0.17	0.14	-33.58
1,795.00	1.49	93.49	1,794.96	-2.78	9.47	-2.88	1.40	1.29	51.35
1,889.00	1.95	95.94	1,888.92	-3.02	12.28	-3.15	0.50	0.49	2.61
1,984.00	2.02	101.87	1,983.86	-3.53	15.53	-3.69	0.23	0.07	6.24
2,078.00	2.07	101.37	2,077.80	-4.21	18.82	-4.40	0.06	0.05	-0.53
2,174.00	2.30	101.32	2,173.73	-4.93	22.41	-5.16	0.24	0.24	-0.05
2,269.00	2.33	103.80	2,268.65	-5.76	26.15	-6.03	0.11	0.03	2.61
2,364.00	2.53	102.66	2,363.57	-6.68	30.07	-6.99	0.22	0.21	-1.20
2,460.00	2.77	100.19	2,459.47	-7.56	34.42	-7.91	0.28	0.25	-2.57
2,555.00	2.86	96.49	2,554.35	-8.23	39.04	-8.63	0.21	0.09	-3.89
2,651.00	2.27	83.27	2,650.25	-8.28	43.30	-8.73	0.87	-0.61	-13.77
2,746.00	1.97	69.61	2,745.19	-7.49	46.70	-7.97	0.62	-0.32	-14.38
2,842.00	1.71	46.84	2,841.14	-5.94	49.29	-6.44	0.80	-0.27	-23.72
2,937.00	1.35	354.80	2,936.11	-3.85	50.23	-4.37	1.45	-0.38	-54.78
3,033.00	1.21	313.90	3,032.09	-2.02	49.39	-2.53	0.94	-0.15	-42.60
3,127.00	1.28	331.88	3,126.07	-0.41	48.18	-0.91	0.42	0.07	19.13
3,222.00	1.24	339.36	3,221.05	1.49	47.32	1.00	0.18	-0.04	7.87
3,317.00	1.32	357.33	3,316.02	3.54	46.91	3.06	0.43	0.08	18.92
3,411.00	0.84	349.49	3,410.01	5.30	46.73	4.82	0.53	-0.51	-8.34
3,506.00	0.37	301.41	3,505.00	6.15	46.34	5.67	0.69	-0.49	-50.61
3,601.00	0.62	7.65	3,600.00	6.82	46.15	6.34	0.61	0.26	69.73
3,695.00	0.95	14.78	3,693.99	8.07	46.42	7.60	0.37	0.35	7.59
3,790.00	1.18	11.80	3,788.97	9.79	46.82	9.31	0.25	0.24	-3.14
3,884.00	0.40	212.73	3,882.97	10.46	46.84	9.98	1.66	-0.83	-169.22
3,979.00	0.66	198.52	3,977.96	9.67	46.48	9.19	0.30	0.27	-14.96
4,074.00	0.37	178.44	4,072.96	8.84	46.32	8.36	0.36	-0.31	-21.14
4,263.00	0.33	201.86	4,261.95	7.73	46.13	7.25	0.08	-0.02	12.39
4,358.00	0.18	201.49	4,356.95	7.33	45.98	6.86	0.16	-0.16	-0.39
4,453.00	0.23	207.29	4,451.95	7.02	45.83	6.55	0.06	0.05	6.11
4,547.00	0.06	323.59	4,545.95	6.90	45.72	6.43	0.28	-0.18	123.72
4,642.00	0.61	62.15	4,640.95	7.17	46.14	6.70	0.65	0.58	103.75
4,737.00	1.48	85.69	4,735.94	7.50	47.81	7.01	1.00	0.92	24.78
4,831.00	0.63	197.31	4,829.92	7.10	48.86	6.60	1.93	-0.90	118.74
4,926.00	1.01	194.69	4,924.91	5.79	48.50	5.29	0.40	0.40	-2.76
5,021.00	1.61	155.68	5,019.89	3.76	48.83	3.26	1.10	0.63	-41.06
5,115.00	1.10	168.15	5,113.86	1.68	49.56	1.17	0.62	-0.54	13.27
5,210.00	0.90	241.24	5,208.85	0.43	49.10	-0.08	1.26	-0.21	76.94



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 432H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3241.50usft (H&P 474)
Site:	Lonesome Dove Fed Com	MD Reference:	RKB @ 3241.50usft (H&P 474)
Well:	432H	North Reference:	Grid
Wellbore:	OH / 68687	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 474)	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)
5,305.00	1.47	268.19	5,303.83	0.03	47.22	-0.46	0.82	0.60	28.37
5,400.00	1.25	256.15	5,398.81	-0.26	45.00	-0.72	0.38	-0.23	-12.67
5,494.00	1.19	255.69	5,492.79	-0.74	43.06	-1.19	0.06	-0.06	-0.49
5,589.00	0.90	259.83	5,587.77	-1.12	41.37	-1.55	0.32	-0.31	4.36
5,684.00	0.95	253.65	5,682.76	-1.47	39.88	-1.88	0.12	0.05	-6.51
5,779.00	0.84	247.78	5,777.75	-1.96	38.48	-2.35	0.15	-0.12	-6.18
5,873.00	0.69	246.69	5,871.74	-2.44	37.32	-2.83	0.16	-0.16	-1.16
5,968.00	0.71	248.24	5,966.73	-2.89	36.25	-3.26	0.03	0.02	1.63
6,062.00	0.67	257.59	6,060.72	-3.22	35.17	-3.58	0.13	-0.04	9.95
6,157.00	0.70	282.82	6,155.72	-3.21	34.06	-3.56	0.32	0.03	26.56
6,252.00	0.76	300.15	6,250.71	-2.77	32.95	-3.11	0.24	0.06	18.24
6,346.00	0.63	305.93	6,344.70	-2.15	31.99	-2.48	0.16	-0.14	6.15
6,441.00	0.68	296.98	6,439.70	-1.59	31.07	-1.91	0.12	0.05	-9.42
6,536.00	0.60	297.01	6,534.69	-1.11	30.12	-1.42	0.08	-0.08	0.03
6,631.00	0.45	283.42	6,629.69	-0.79	29.32	-1.10	0.20	-0.16	-14.31
6,726.00	0.04	33.00	6,724.69	-0.68	28.97	-0.98	0.49	-0.43	115.35
6,820.00	0.38	100.18	6,818.68	-0.71	29.30	-1.01	0.39	0.36	71.47
6,915.00	0.31	95.01	6,913.68	-0.78	29.86	-1.09	0.08	-0.07	-5.44
7,009.00	0.40	96.26	7,007.68	-0.84	30.44	-1.16	0.10	0.10	1.33
7,104.00	0.48	87.20	7,102.68	-0.86	31.17	-1.18	0.11	0.08	-9.54
7,198.00	0.40	79.53	7,196.68	-0.78	31.89	-1.11	0.11	-0.09	-8.16
7,293.00	0.42	80.14	7,291.67	-0.66	32.55	-1.00	0.02	0.02	0.64
7,388.00	0.29	94.79	7,386.67	-0.62	33.14	-0.96	0.17	-0.14	15.42
7,482.00	0.29	59.13	7,480.67	-0.52	33.58	-0.86	0.19	0.00	-37.94
7,576.00	0.18	132.62	7,574.67	-0.50	33.89	-0.85	0.31	-0.12	78.18
7,671.00	0.40	172.07	7,669.67	-0.93	34.05	-1.28	0.30	0.23	41.53
7,765.00	0.53	173.74	7,763.67	-1.68	34.14	-2.04	0.14	0.14	1.78
7,860.00	0.59	181.74	7,858.66	-2.61	34.17	-2.96	0.10	0.06	8.42
7,955.00	0.57	190.28	7,953.66	-3.56	34.07	-3.91	0.09	-0.02	8.99
8,050.00	0.65	175.29	8,048.65	-4.57	34.03	-4.92	0.19	0.08	-15.78
8,145.00	0.58	171.44	8,143.64	-5.58	34.15	-5.93	0.09	-0.07	-4.05
8,240.00	0.62	160.46	8,238.64	-6.54	34.39	-6.89	0.13	0.04	-11.56
8,334.00	0.47	143.41	8,332.64	-7.33	34.79	-7.68	0.23	-0.16	-18.14
8,429.00	0.53	132.89	8,427.63	-7.94	35.35	-8.30	0.12	0.06	-11.07
8,523.00	0.68	134.22	8,521.63	-8.62	36.06	-8.99	0.16	0.16	1.41
8,618.00	0.66	135.20	8,616.62	-9.40	36.85	-9.78	0.02	-0.02	1.03
8,713.00	0.56	139.69	8,711.61	-10.15	37.54	-10.53	0.12	-0.11	4.73
8,808.00	0.42	144.96	8,806.61	-10.79	38.04	-11.18	0.15	-0.15	5.55
8,903.00	0.49	129.80	8,901.61	-11.33	38.55	-11.73	0.15	0.07	-15.96
8,997.00	0.61	134.10	8,995.60	-11.94	39.22	-12.34	0.13	0.13	4.57
9,092.00	0.60	143.97	9,090.60	-12.69	39.88	-13.10	0.11	-0.01	10.39
9,187.00	0.62	152.52	9,185.59	-13.55	40.41	-13.96	0.10	0.02	9.00
9,282.00	0.63	147.82	9,280.59	-14.45	40.92	-14.87	0.05	0.01	-4.95



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 432H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3241.50usft (H&P 474)
Site:	Lonesome Dove Fed Com	MD Reference:	RKB @ 3241.50usft (H&P 474)
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Wellbore:	OH / 68687	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 474)	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)	
9,376.00	0.68	142.32	9,374.58	-15.33	41.54	-15.75	0.09	0.05	-5.85	
9,471.00	0.65	147.00	9,469.58	-16.22	42.18	-16.66	0.07	-0.03	4.93	
9,565.00	0.67	165.91	9,563.57	-17.20	42.60	-17.64	0.23	0.02	20.12	
9,660.00	0.84	166.19	9,658.56	-18.42	42.90	-18.86	0.18	0.18	0.29	
9,754.00	0.63	168.21	9,752.55	-19.59	43.17	-20.04	0.23	-0.22	2.15	
9,849.00	0.40	160.54	9,847.55	-20.42	43.39	-20.86	0.25	-0.24	-8.07	
9,944.00	0.32	140.35	9,942.55	-20.94	43.67	-21.38	0.16	-0.08	-21.25	
10,039.00	0.29	185.16	10,037.55	-21.38	43.82	-21.83	0.25	-0.03	47.17	
10,133.00	0.42	226.51	10,131.54	-21.85	43.54	-22.30	0.30	0.14	43.99	
10,228.00	0.52	220.26	10,226.54	-22.42	43.01	-22.86	0.12	0.11	-6.58	
10,323.00	0.97	197.87	10,321.53	-23.52	42.49	-23.95	0.56	0.47	-23.57	
10,418.00	1.32	199.85	10,416.51	-25.31	41.87	-25.74	0.37	0.37	2.08	
10,513.00	0.73	249.68	10,511.50	-26.55	40.93	-26.97	1.07	-0.62	52.45	
10,607.00	1.25	279.66	10,605.49	-26.59	39.36	-26.99	0.76	0.55	31.89	
10,702.00	1.23	247.60	10,700.47	-26.80	37.39	-27.18	0.72	-0.02	-33.75	
10,797.00	1.43	234.12	10,795.44	-27.88	35.49	-28.25	0.39	0.21	-14.19	
10,892.00	1.32	236.17	10,890.41	-29.19	33.62	-29.53	0.13	-0.12	2.16	
10,986.00	0.06	271.44	10,984.40	-29.79	32.67	-30.12	1.35	-1.34	37.52	
11,081.00	1.09	39.80	11,079.40	-29.09	33.20	-29.43	1.19	1.08	135.12	
11,175.00	0.91	31.84	11,173.38	-27.77	34.17	-28.12	0.24	-0.19	-8.47	
11,270.00	0.89	22.26	11,268.37	-26.45	34.85	-26.81	0.16	-0.02	-10.08	
11,365.00	0.68	2.72	11,363.36	-25.20	35.15	-25.56	0.36	-0.22	-20.57	
11,459.00	1.12	315.83	11,457.35	-23.99	34.54	-24.34	0.87	0.47	-49.88	
11,554.00	0.99	2.88	11,552.34	-22.50	33.93	-22.85	0.90	-0.14	49.53	
11,649.00	1.78	337.19	11,647.31	-20.32	33.40	-20.66	1.04	0.83	-27.04	
11,744.00	2.05	317.69	11,742.26	-17.70	31.69	-18.03	0.74	0.28	-20.53	
11,838.00	2.28	299.08	11,836.19	-15.55	28.92	-15.85	0.78	0.24	-19.80	
11,933.00	2.01	284.95	11,931.13	-14.20	25.66	-14.47	0.62	-0.28	-14.87	
12,053.00	1.97	271.11	12,051.05	-13.62	21.56	-13.84	0.40	-0.03	-11.53	
12,151.00	2.04	271.30	12,148.99	-13.55	18.14	-13.74	0.07	0.07	0.19	
12,246.00	2.30	277.73	12,243.93	-13.25	14.56	-13.40	0.37	0.27	6.77	
12,340.00	6.89	352.91	12,337.66	-7.40	11.99	-7.52	7.11	4.88	79.98	
12,435.00	21.14	25.68	12,429.70	13.83	18.75	13.63	16.60	15.00	34.49	
12,482.00	21.18	31.41	12,473.53	28.71	26.85	28.44	4.40	0.09	12.19	
12,528.00	25.78	24.20	12,515.72	44.94	35.29	44.58	11.77	10.00	-15.67	
12,624.00	34.44	17.44	12,598.71	89.98	52.02	89.44	9.68	9.02	-7.04	
12,718.00	45.98	10.94	12,670.41	148.75	66.45	148.06	13.05	12.28	-6.91	
12,812.00	57.31	10.96	12,728.65	221.00	80.43	220.16	12.05	12.05	0.02	
12,907.00	72.19	11.12	12,769.06	305.10	96.85	304.08	15.66	15.66	0.17	
12,954.00	80.18	11.73	12,780.27	349.79	105.88	348.69	17.05	17.00	1.30	
13,002.00	83.21	10.56	12,787.20	396.39	115.06	395.18	6.76	6.31	-2.44	
13,036.00	83.29	9.60	12,791.20	429.63	120.97	428.36	2.81	0.24	-2.82	
13,130.00	87.00	9.64	12,799.15	521.96	136.62	520.53	3.95	3.95	0.04	
13,225.00	90.22	11.45	12,801.46	615.31	154.00	613.69	3.89	3.39	1.91	



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 432H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3241.50usft (H&P 474)
Site:	Lonesome Dove Fed Com	MD Reference:	RKB @ 3241.50usft (H&P 474)
Well:	432H	North Reference:	Grid
Wellbore:	OH / 68687	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 474)	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)
13,319.00	91.41	12.73	12,800.12	707.22	173.69	705.39	1.86	1.27	1.36
13,414.00	89.61	8.76	12,799.27	800.52	191.39	798.51	4.59	-1.89	-4.18
13,508.00	87.40	5.70	12,801.73	893.73	203.22	891.59	4.01	-2.35	-3.26
13,603.00	87.40	5.55	12,806.04	988.17	212.52	985.93	0.16	0.00	-0.16
13,697.00	89.47	3.31	12,808.60	1,081.85	219.78	1,079.53	3.24	2.20	-2.38
13,766.00	91.15	3.13	12,808.23	1,150.73	223.65	1,148.37	2.45	2.44	-0.26
FTP @ 13766'MD									
13,791.00	91.76	3.07	12,807.59	1,175.69	225.01	1,173.31	2.45	2.44	-0.26
13,885.00	89.66	359.97	12,806.43	1,269.63	227.50	1,267.22	3.98	-2.23	-3.30
13,980.00	91.68	358.80	12,805.32	1,364.61	226.48	1,362.21	2.46	2.13	-1.23
14,074.00	90.67	0.53	12,803.39	1,458.59	225.93	1,456.18	2.13	-1.07	1.84
14,168.00	90.90	2.62	12,802.10	1,552.54	228.51	1,550.10	2.24	0.24	2.22
14,263.00	90.31	358.93	12,801.10	1,647.51	229.80	1,645.05	3.93	-0.62	-3.88
14,357.00	89.52	355.04	12,801.24	1,741.36	224.85	1,738.95	4.22	-0.84	-4.14
14,452.00	90.56	356.73	12,801.17	1,836.11	218.04	1,833.77	2.09	1.09	1.78
14,547.00	90.73	354.33	12,800.10	1,930.81	210.63	1,928.53	2.53	0.18	-2.53
14,642.00	87.34	351.67	12,801.70	2,025.06	199.06	2,022.91	4.54	-3.57	-2.80
14,737.00	87.65	354.22	12,805.86	2,119.25	187.41	2,117.20	2.70	0.33	2.68
14,831.00	91.46	2.87	12,806.59	2,213.11	185.02	2,211.08	10.05	4.05	9.20
14,925.00	93.36	1.83	12,802.63	2,306.94	188.88	2,304.87	2.30	2.02	-1.11
15,019.00	93.19	3.83	12,797.26	2,400.67	193.51	2,398.55	2.13	-0.18	2.13
15,113.00	93.47	3.49	12,791.80	2,494.31	199.50	2,492.13	0.47	0.30	-0.36
15,207.00	91.93	3.20	12,787.38	2,588.05	204.98	2,585.80	1.67	-1.64	-0.31
15,302.00	89.86	1.62	12,785.89	2,682.94	208.97	2,680.65	2.74	-2.18	-1.66
15,396.00	88.26	1.55	12,787.43	2,776.89	211.57	2,774.57	1.70	-1.70	-0.07
15,490.00	88.26	1.89	12,790.29	2,870.81	214.39	2,868.45	0.36	0.00	0.36
15,584.00	90.20	3.94	12,791.55	2,964.67	219.17	2,962.25	3.00	2.06	2.18
15,679.00	89.83	2.32	12,791.53	3,059.52	224.36	3,057.05	1.75	-0.39	-1.71
15,774.00	90.76	359.41	12,791.04	3,154.50	225.79	3,152.01	3.22	0.98	-3.06
15,869.00	91.23	357.16	12,789.39	3,249.43	222.95	3,246.97	2.42	0.49	-2.37
15,963.00	93.08	357.15	12,785.85	3,343.25	218.29	3,340.82	1.97	1.97	-0.01
16,057.00	94.62	358.33	12,779.54	3,436.96	214.59	3,434.57	2.06	1.64	1.26
16,152.00	93.00	356.84	12,773.23	3,531.66	210.59	3,529.30	2.31	-1.71	-1.57
16,247.00	90.98	357.94	12,769.93	3,626.50	206.27	3,624.18	2.42	-2.13	1.16
16,342.00	87.28	355.98	12,771.37	3,721.33	201.23	3,719.06	4.41	-3.89	-2.06
16,437.00	87.51	357.50	12,775.69	3,816.08	195.84	3,813.86	1.62	0.24	1.60
16,530.00	88.12	358.87	12,779.24	3,908.96	192.89	3,906.77	1.61	0.66	1.47
16,624.00	89.86	2.02	12,780.89	4,002.93	193.63	4,000.72	3.83	1.85	3.35
16,719.00	92.86	3.73	12,778.64	4,097.77	198.39	4,095.51	3.63	3.16	1.80
16,814.00	90.34	5.37	12,775.99	4,192.42	205.92	4,190.08	3.16	-2.65	1.73
16,908.00	92.18	3.70	12,773.92	4,286.09	213.35	4,283.67	2.64	1.96	-1.78
17,002.00	92.13	0.40	12,770.38	4,379.96	216.71	4,377.49	3.51	-0.05	-3.51
17,096.00	91.01	358.77	12,767.81	4,473.91	216.03	4,471.45	2.10	-1.19	-1.73



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 432H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3241.50usft (H&P 474)
Site:	Lonesome Dove Fed Com	MD Reference:	RKB @ 3241.50usft (H&P 474)
Well:	432H	North Reference:	Grid
Wellbore:	OH / 68687	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 474)	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)	
17,191.00	90.84	357.81	12,766.27	4,568.86	213.20	4,566.42	1.03	-0.18	-1.01	
17,285.00	90.90	356.73	12,764.85	4,662.74	208.72	4,660.34	1.15	0.06	-1.15	
17,380.00	90.14	355.46	12,763.99	4,757.51	202.25	4,755.18	1.56	-0.80	-1.34	
17,474.00	92.10	358.25	12,762.15	4,851.34	197.09	4,849.05	3.63	2.09	2.97	
17,568.00	91.88	356.44	12,758.88	4,945.18	192.74	4,942.93	1.94	-0.23	-1.93	
17,663.00	93.95	358.00	12,754.05	5,039.93	188.14	5,037.73	2.73	2.18	1.64	
17,757.00	93.33	359.92	12,748.08	5,133.72	186.44	5,131.53	2.14	-0.66	2.04	
17,851.00	92.07	359.47	12,743.66	5,227.62	185.94	5,225.42	1.42	-1.34	-0.48	
17,945.00	91.76	0.48	12,740.51	5,321.56	185.90	5,319.37	1.12	-0.33	1.07	
18,040.00	93.14	2.47	12,736.45	5,416.44	188.34	5,414.21	2.55	1.45	2.09	
18,135.00	90.42	359.89	12,733.50	5,511.35	190.29	5,509.10	3.95	-2.86	-2.72	
18,229.00	91.23	1.05	12,732.15	5,605.34	191.06	5,603.07	1.51	0.86	1.23	
18,324.00	91.01	357.36	12,730.29	5,700.29	189.75	5,698.04	3.89	-0.23	-3.88	
18,418.00	91.99	356.89	12,727.83	5,794.14	185.03	5,791.93	1.16	1.04	-0.50	
18,512.00	91.23	356.38	12,725.19	5,887.94	179.52	5,885.78	0.97	-0.81	-0.54	
18,606.00	91.74	357.20	12,722.75	5,981.76	174.25	5,979.65	1.03	0.54	0.87	
18,701.00	89.58	358.23	12,721.66	6,076.67	170.47	6,074.60	2.52	-2.27	1.08	
18,796.00	90.87	359.15	12,721.29	6,171.64	168.30	6,169.58	1.67	1.36	0.97	
18,891.00	92.49	359.48	12,718.50	6,266.59	167.16	6,264.54	1.74	1.71	0.35	
18,986.00	93.64	359.92	12,713.42	6,361.45	166.66	6,359.40	1.30	1.21	0.46	
19,081.00	89.16	358.27	12,711.10	6,456.39	165.16	6,454.34	5.03	-4.72	-1.74	
19,175.00	91.12	0.34	12,710.87	6,550.37	164.02	6,548.33	3.03	2.09	2.20	
19,270.00	89.89	0.86	12,710.03	6,645.36	165.02	6,643.31	1.41	-1.29	0.55	
19,364.00	92.07	2.20	12,708.43	6,739.30	167.53	6,737.22	2.72	2.32	1.43	
19,458.00	89.52	0.83	12,707.12	6,833.25	170.01	6,831.14	3.08	-2.71	-1.46	
19,552.00	90.84	2.36	12,706.83	6,927.21	172.63	6,925.07	2.15	1.40	1.63	
19,646.00	90.39	0.71	12,705.82	7,021.17	175.14	7,018.99	1.82	-0.48	-1.76	
19,741.00	89.83	0.60	12,705.64	7,116.16	176.23	7,113.97	0.60	-0.59	-0.12	
19,834.00	89.69	0.78	12,706.02	7,209.15	177.35	7,206.95	0.25	-0.15	0.19	
19,928.00	90.14	1.63	12,706.16	7,303.13	179.33	7,300.90	1.02	0.48	0.90	
20,023.00	88.35	359.32	12,707.42	7,398.11	180.12	7,395.86	3.08	-1.88	-2.43	
20,118.00	93.19	2.65	12,706.14	7,493.05	181.75	7,490.78	6.18	5.09	3.51	
20,213.00	93.83	0.45	12,700.32	7,587.83	184.31	7,585.53	2.41	0.67	-2.32	
20,307.00	92.94	356.84	12,694.77	7,681.62	182.09	7,679.34	3.95	-0.95	-3.84	
20,401.00	92.77	356.01	12,690.09	7,775.32	176.24	7,773.09	0.90	-0.18	-0.88	
20,495.00	90.06	355.10	12,687.77	7,869.00	168.95	7,866.84	3.04	-2.88	-0.97	
20,590.00	90.25	358.43	12,687.51	7,963.83	163.59	7,961.73	3.51	0.20	3.51	
20,684.00	88.74	357.45	12,688.34	8,057.76	160.22	8,055.69	1.92	-1.61	-1.04	
20,779.00	88.18	356.71	12,690.89	8,152.61	155.38	8,150.57	0.98	-0.59	-0.78	
20,874.00	90.62	357.73	12,691.89	8,247.48	150.77	8,245.49	2.78	2.57	1.07	
20,970.00	89.83	356.80	12,691.51	8,343.37	146.19	8,341.42	1.27	-0.82	-0.97	
21,064.00	92.83	358.55	12,689.33	8,437.25	142.38	8,435.34	3.69	3.19	1.86	
21,158.00	93.08	357.84	12,684.48	8,531.08	139.42	8,529.19	0.80	0.27	-0.76	



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well 432H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3241.50usft (H&P 474)
Site:	Lonesome Dove Fed Com	MD Reference:	RKB @ 3241.50usft (H&P 474)
Well:	432H	North Reference:	Grid
Wellbore:	OH / 68687	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 474)	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)
21,253.00	89.13	355.19	12,682.65	8,625.86	133.65	8,624.03	5.01	-4.16	-2.79
21,347.00	93.81	359.00	12,680.24	8,719.66	128.88	8,717.87	6.42	4.98	4.05
21,441.00	95.80	358.62	12,672.36	8,813.31	126.94	8,811.53	2.16	2.12	-0.40
Final Phoenix MWD Survey									
21,502.75	95.80	358.62	12,666.12	8,874.72	125.46	8,872.96	0.00	0.00	0.00
LTP @ 21502.75'MD									
21,567.00	95.80	358.62	12,659.63	8,938.63	123.92	8,936.88	0.00	0.00	0.00
Projection to TD									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
174.00	174.00	-0.12	0.20	First Phoenix MWD Survey
13,766.00	12,808.23	1,150.73	223.65	FTP @ 13766'MD
21,441.00	12,672.36	8,813.31	126.94	Final Phoenix MWD Survey
21,502.75	12,666.12	8,874.72	125.46	LTP @ 21502.75'MD
21,567.00	12,659.63	8,938.63	123.92	Projection to TD

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. 30-025-48156
5. Indicate Type of Lease STATE ☐ FEE FED ☒
6. State Oil & Gas Lease No. 329881
7. Lease Name or Unit Agreement Name Lonesome Dove Fed Com
8. Well Number 432H
9. OGRID Number 373986
10. Pool name or Wildcat Jabalina; Wolfcamp, Southwest

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>K</u> <u>1592</u> feet from the <u>South</u> line and <u>2050</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.) 3215'	

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: ☐		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ 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
 2/11/2022 – PRESSURE UP CASING 9500 PSI 30 MINUTES TEST
 3/15/2022 – PERF AND FRAC 52 STAGES, PERFS @ 13686-21491'
 FRAC WITH 370,293 BBL LIQUID AND 23,634,332 LBS OF PROPPANT
 4/12/2022 – DRILL OUT PLUGS
 TURN OVER TO PRODUCTION
 TD 21567'

Spud Date: 11/15/2021 Rig Release Date: 1/15/2022

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

SIGNATURE Ryan DeLong TITLE Regulatory Manager DATE 8/25/2022

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 District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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. 30-025-48156		
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)								2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN		
								3. State Oil & Gas Lease No. 329869		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								5. Lease Name or Unit Agreement Name Lonesome Dove Fed Com		
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 Jabalina; Wolfcamp, Southwest				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	17	26S	35E		1592	S	2050	W	Lea
BH:	C	8	26S	35E		36	N	2266	W	Lea
13. Date Spudded 11/15/2021	14. Date T.D. Reached 1/15/2022		15. Date Rig Released 1/15/2022		16. Date Completed (Ready to Produce) 4/17/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3215' GR		
18. Total Measured Depth of Well 21567			19. Plug Back Measured Depth 21567		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		1149'		13.5		700 sx		
7.625		29.7		12116'		9.875		1250 sx		
5.5		23		11844'		6.75		1500 sx		
5		18		21567'		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		
						13686-21491		Frac w/370,293 liquid, 23,634,332 lbs prop		
28. PRODUCTION										
Date First Production 4/17/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Gas lift				Well Status (<i>Prod. or Shut-in</i>) Prod				
Date of Test 5/6/2022	Hours Tested 24	Choke Size 44	Prod'n For Test Period	Oil - Bbl 2155.17	Gas - MCF 2860.49	Water - Bbl. 6360.95	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 1726	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 47.6				
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. 0								33. Rig Release Date: 1/15/2022		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
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										
Signature		Printed Name		Ryan DeLong		Title		Regulatory Manager		Date 8/25/2022
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 1578'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 5083'	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. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 10549'	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
12603'			Wolfcamp



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

08/09/2022

Operator Name TITUS OIL AND GAS PRODUCTION LLC	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
SHL NESW Sec 17 26S 35E	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LONESOME DOVE	Well Pad Number 2	ID 10400046867

Section 1 - General

Well Completion Report Id: 85288**Submission Date:** N/A until DB**BLM Office:** Carlsbad Field Office**User:** Ryan D DELONG**Title:** Regulatory Manager**Federal/Indian:** FEDERAL**Lease Number:** NMNM104706**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****APD Operator:** TITUS OIL AND GAS PRODUCTION LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** WOLFCAMP**Field Name:** JABALINA**Well Type:** OIL WELL**Spud Date:** 11-15-2021**Date Total Measured Depth Reached:** 01-14-2022**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	ALLUVIUM		3215	0	0	USEABLE WATER	
RUSTLER	ANHYDRITE		2156	1079	1079	USEABLE WATER	

Operator Name TITUS OIL AND GAS PRODUCTION LLC SHL NESW Sec 17 26S 35E	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LONESOME DOVE	Well Pad Number 2	ID 10400046867

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
SALADO	SALT		1657	1578	1578	NONE	
BASE OF SALT	SALT		-1844	5079	5083	NONE	
LAMAR	LIMESTONE		-2156	5391	5396	NONE	
DELAWARE	SANDSTONE, SHAPE, SILTSTONE		-2187	5422	5427	NONE	
BONE SPRING LIME	LIMESTONE		-6117	9360	9362	NATURAL GAS, OIL	
BONE SPRING 1ST	LIMESTONE, SANDSTONE, SHAPE, SILTSTONE		-7305	10548	10549	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE, SHAPE, SILTSTONE		-7840	11083	11084	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE, SANDSTONE, SHAPE, SILTSTONE		-8939	12182	12184	NATURAL GAS, OIL	
WOLFCAMP	SHAPE		-9338	12581	12603	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM104706	NMNM104706	NEW		POW	04-17-2022	04-16-2022	WOLFCA MP	13686	21491	Y	.41	1664	OPEN

Operator Name TITUS OIL AND GAS PRODUCTION LLC SHL NESW Sec 17 26S 35E	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LONESOME DOVE	Well Pad Number 2	ID 10400046867

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	370293	23634332	

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	47.6		GAS LIFT		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	05/05/2022	24	2155	2860	6361	1327				1726

Operator Name TITUS OIL AND GAS PRODUCTION LLC	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
SHL NESW Sec 17 26S 35E	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LONESOME DOVE	Well Pad Number 2	ID 10400046867

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0404195	-103.3913547	3215	FEDERAL	NMNM104706				1592	FSL	2050	FWL	26S	35E	17	NESW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.040399	-103.391316	-9122	FEDERAL	NMNM104706				1585	FSL	2062	FWL	26S	35E	17	NESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.050643	-103.390601	-9556	FEDERAL	NMNM126973				0	FSL	2289	FWL	26S	35E	8	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0649853	-103.3907043	-9444	FEDERAL	NMNM126973				36	FNL	2266	FWL	26S	35W	8	NENW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0649853	-103.3907043	-9444	FEDERAL	NMNM126973				36	FNL	2266	FWL	26S	35W	8	NENW

Casing, Liner and Tubing

Operator Name TITUS OIL AND GAS PRODUCTION LLC	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
SHL NESW Sec 17 26S 35E	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LONESOME DOVE	Well Pad Number 2	ID 10400046867

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	13.5	0	1149	10.75	45.5	J-55		BUTT		
00	PRODUCT ION	6.75	0	11844	5.5	23	P-110		BUTT		
00	INTERME DIATE	9.875	0	12116	7.625	29.7	L-80		BUTT		
00	PRODUCT ION	6.75	11844	21567	5.0	18	P-110		BUTT		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C	450	1.72	0	Class C	250	1.34	0	197.5
00	PRODUCT ION		50% Class H Premium	1500	1.24	4349					331.3
00	INTERME DIATE		100% HSLD 86	1000	3.61	0	100% HSLD 125	250	1.53	0	711.1
00	PRODUCT ION		50% Class H Premium	1500	1.24	4349					331.3

Operator Name TITUS OIL AND GAS PRODUCTION LLC SHL NESW Sec 17 26S 35E	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LONESOME DOVE	Well Pad Number 2	ID 10400046867

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name TITUS OIL AND GAS PRODUCTION LLC	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
SHL NESW Sec 17 26S 35E	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LONESOME DOVE	Well Pad Number 2	ID 10400046867

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: TITUS OIL AND GAS PRODUCTION LLC

Signed By: Ryan D DELONG

Title: Regulatory Manager

Signed on: 07/19/2022

Street Address: 420 Throckmorton St., Suite 1150

City: Fort Worth

State: TX

Zip: 76102

Phone: (817)852-6370

Email address: regulatory@titusoil.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

LONESOME_DOVE_FED_COM_432H_C102_AS_DRILLED_SIGNED_20220719091527.pdf

Lonesome_Dove_Fed_Com_432H_rcbl_feb92022_20220719091630.pdf

Lonesome_Dove_Fed_Com_432H___Final_Survey_Report_20220719091651.pdf

Well_Bore_Data___BLM_CR_Lonesome_Dove_Fed_Com_432H_20220719091704.pdf

My Monitor for WCRID: 85288

Operator Name TITUS OIL AND GAS PRODUCTION LLC	Well Name LONESOME DOVE FED COM	Well Number 432H	US Well Number 3002548156
SHL ALIQUOT: NESW SEC: 17 TWN: 26S RNG: 35E	County LEA	State NM	Lease Number(s) NMNM104706
Well Type OIL WELL	Well Status DRG	Agreement Name	Agreement Number(s)
Allottee/Tribe	Well Pad Name LONESOME DOVE	Well Pad Number 2	APD ID 10400046867

[Well Completion Print Report](#)

WCRx Worklist		Process Model					
View all process activities in chronological order.							
ID	Status	Activity	Completed By	Participant	Created Date	Deadline	Completed Date
101	Completed	Submit Well Completion Report	Ryan D DELONG	Ryan D DELONG	2022/7/8 11:05:30 AM		2022/7/19 10:22:34 AM
103	Completed	Initial Review	DINAH C NEGRETE	Adjudicator	2022/7/19 10:22:35 AM		2022/8/12 12:58:24 PM
105	Completed	Engineer Review	CURTIS JOHNSON	Engineer	2022/8/12 1:05:20 PM		2022/8/24 3:59:35 PM

Lonesome Dove 432H

WELLBORE CONFIGURATION:	
API #	30-025-48156
Property #	3012021129
Surface Lat/ Long	Lat: 32.06493 Long: -103.39010 NAD 27
Ground Elevation/ RKB	3,215' ft GL / 3,242' ft KB (26.5' Rig Floor Height)
Wellhead:	13 3/8" 15M SOW (See well head image attached)
Surface Casing:	10-3/4" 45.4# J-55
Surface Casing Shoe (MD/TVD):	1,198' MD/TVD
Intermediate 1 Casing:	7-5/8" 29.7# L-80 BTC
Intermediate 1 Casing Shoe (MD/TVD):	12,116' MD
Production Casing:	5-1/2" 23# P-110HP CDC-HTQ X 5" 18# P-110HP CDC-HTQ
Production Casing Shoe (MD/TVD):	0 – 11,840' MD (5.5") – 21,567" MD (5")
Float Collar Depth:	21,553' MD
Landing Collar Depth:	21,565' MD
Pup/ Marker Joint Depths:	Marker 1: 17,295 – 17,318' MD Crossover: 11,840 - 11843' MD Float Sub: 11792 – 11,794' MD Marker 2: 10,297 – 10,321' MD
Top of Liner (TOL)-Packer Depth:	LONG STRING
Kick Off Point:	12,151' MD
Landing Point (MD/TVD):	13,225' MD / 12,801' TVD
Entered Lease Line:	N/A
Entered 100' Hardline:	13,676' MD / 12,807' TVD @ 890° INC
Exited 100' Hard Line:	21,502 MD / 12,666' TVD @ 95.8° INC
Fluid in Casing:	160 bbl fresh, 250 bbl brine water (10#)

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

ACKNOWLEDGMENTS

Action 138343

ACKNOWLEDGMENTS

Operator: Titus Oil & Gas Production, LLC 420 Throckmorton St, Ste 1150 Fort Worth, TX 76012	OGRID: 373986
	Action Number: 138343
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 138343

CONDITIONS

Operator: Titus Oil & Gas Production, LLC 420 Throckmorton St, Ste 1150 Fort Worth, TX 76012	OGRID: 373986
	Action Number: 138343
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-5 Completion Sundry within 10 days of BLM approval.	10/22/2025