

Santa Fe Main Office
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Phone: (505) 629-6116

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 ☐		WELL API NO. 30-025-53332
2. Name of Operator Mewbourne Oil Company		5. Indicate Type of Lease STATE ☒ FEE ☐
3. Address of Operator PO Box 5270, Hobbs, NM 88240		6. State Oil & Gas Lease No. N/A
4. Well Location Unit Letter <u>O</u> : <u>300'</u> feet from the <u>SOUTH</u> line and <u>1500'</u> feet from the <u>EAST</u> line Section <u>6</u> Township <u>20S</u> Range <u>36E</u> NMPM County <u>LEA</u>		7. Lease Name or Unit Agreement Name Goat Rope 7/18 State Com
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3638' GEL		8. Well Number <u>#527H</u> 9. OGRID Number <u>14744</u> 10. Pool name or Wildcat FEATHERSTONE; BONE SPRING; EAST

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: ☐	
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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.

Mewbourne Oil Company requests that change SHL f/ 300' FSL & 1500' FEL, Sec 6, T20S R36E, Lea Co., NM. to 300' FSL & 1970' FEL, Sec 6, T20S R36E, Lea Co., NM.

Spud Date:

8/18/2025

Rig Release Date:

9/12/2025

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

SIGNATURE Alex Garza TITLE Petroleum Engineer DATE 7/29/2025

Type or print name Alex Garza E-mail address: alex.garza@mewbourne.com PHONE: 580-727-5116
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
	Submittal Type:	☐ Initial Submittal		
		☒ Amended Report		
		☐ As Drilled		

WELL LOCATION INFORMATION

API Number 30-025-53332	Pool Code 24270	Pool Name FEATHERSTONE; BONE SPRING; EAST	
Property Code 336197	Property Name GOAT ROPE 7/18 STATE COM		Well Number 527H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY		Ground Level Elevation 3638'
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☒ Fee ☐ Tribal ☐ Federal	

Surface Location

UL 0	Section 6	Township 20S	Range 36E	Lot	Ft. from N/S 300 FSL	Ft. from E/W 1970 FEL	Latitude 32.5958489°N	Longitude 103.3914271°W	County LEA
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Bottom Hole Location

UL P	Section 18	Township 20S	Range 36E	Lot	Ft. from N/S 100 FSL	Ft. from E/W 660 FEL	Latitude 32.5662252°N	Longitude 103.3872544°W	County LEA
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Dedicated Acres 320	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. N/A			Well setbacks are under Common Ownership: ☐ Yes ☒ No	

Kick Off Point (KOP)

UL P	Section 6	Township 20S	Range 36E	Lot	Ft. from N/S 473 FSL	Ft. from E/W 660 FEL	Latitude 32.5963214°N	Longitude 103.3871758°W	County LEA
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First Take Point (FTP)

UL A	Section 7	Township 20S	Range 36E	Lot	Ft. from N/S 100 FNL	Ft. from E/W 660 FEL	Latitude 32.5947467°N	Longitude 103.3871733°W	County LEA
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Last Take Point (LTP)

UL P	Section 18	Township 20S	Range 36E	Lot	Ft. from N/S 100 FSL	Ft. from E/W 660 FEL	Latitude 32.5662252°N	Longitude 103.3872544°W	County LEA
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Unitized Area or Area of Uniform Interest N/A	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3666'
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OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>		SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.</i>	
Signature  Date 7/29/2025		Signature and Seal of Professional Surveyor 	
Printed Name Alex Garza		Certificate Number 19680	
Email Address alex.garza@mewbourne.com		Date of Survey 08/05/2024	

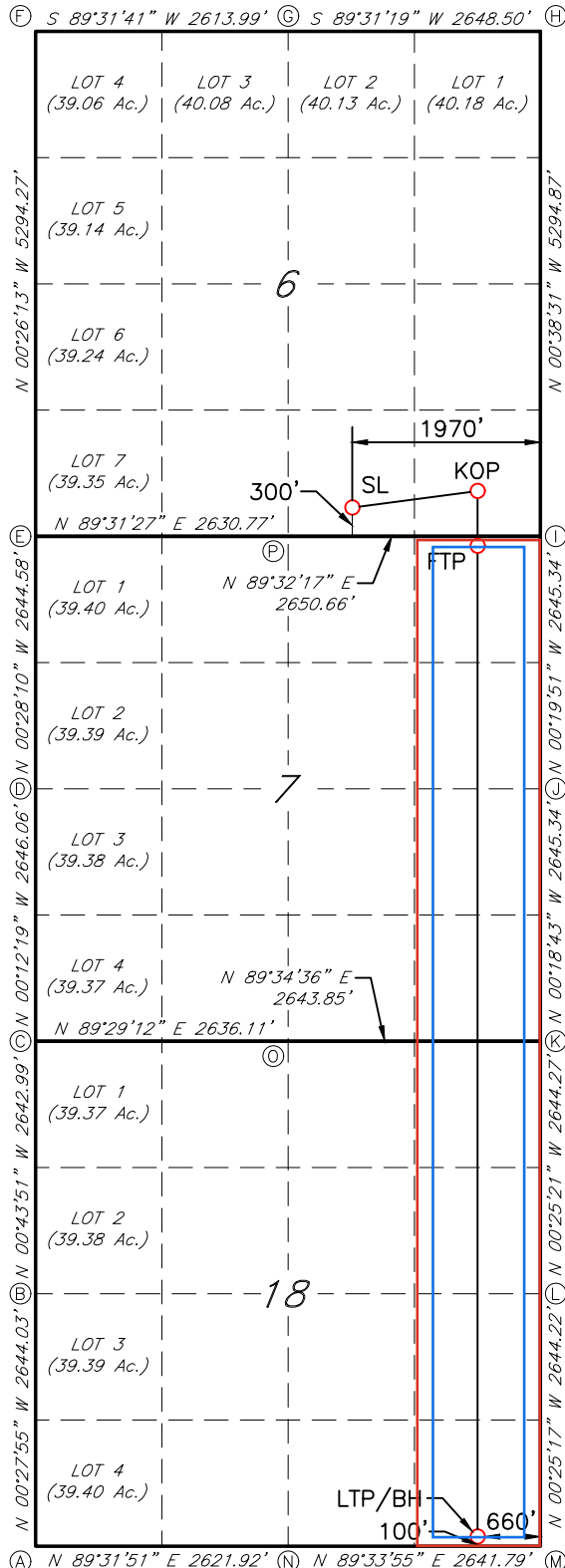
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

GOAT ROPE 7/18 STATE COM #527H



GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
300' FSL & 1970' FEL SEC.6
N: 581785.1 - E: 831418.7

KICK OFF POINT (KOP)
473' FSL & 660' FEL SEC.6
N: 581968.6 - E: 832726.5

FIRST TAKE POINT (FTP)
100' FNL & 660' FEL SEC.7
N: 581395.8 - E: 832732.4

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)
100' FSL & 660' FEL SEC.18
N: 571018.8 - E: 832799.7

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1937"
N: 570882.3 - E: 828197.6

B: FOUND BRASS CAP "1937"
N: 573525.8 - E: 828176.1

C: FOUND BRASS CAP "1937"
N: 576168.1 - E: 828142.4

D: FOUND BRASS CAP "1937"
N: 578813.8 - E: 828132.9

E: FOUND BRASS CAP "1937"
N: 581457.8 - E: 828111.3

F: FOUND BRASS CAP "1937"
N: 586751.1 - E: 828070.9

G: FOUND BRASS CAP "1937"
N: 586772.7 - E: 830684.4

H: FOUND BRASS CAP "1937"
N: 586794.8 - E: 833332.4

I: FOUND BRASS CAP "1937"
N: 581501.1 - E: 833391.7

J: FOUND BRASS CAP "1937"
N: 578856.2 - E: 833407.0

K: FOUND BRASS CAP "1937"
N: 576211.3 - E: 833421.4

L: FOUND BRASS CAP "1937"
N: 573567.5 - E: 833440.9

M: FOUND BRASS CAP "1937"
N: 570923.8 - E: 833460.3

N: FOUND BRASS CAP "1937"
N: 570903.7 - E: 830819.0

O: FOUND BRASS CAP "1937"
N: 576191.8 - E: 830778.0

P: FOUND BRASS CAP "1937"
N: 581479.7 - E: 830741.5

JOB #: LS24070623D2





Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 1 of 14



REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Well	Goat Rope 7/18 State Com 527H
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)	UWI	30-025-53332
Facility	Goat Rope 7/18 State Com Pad	Wellbore	Goat Rope 7/18 State Com 527H
Slot	Goat Rope 7/18 State Com 527H		

REPORT SETUP INFORMATION			
Projection System	NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet [2257]	Software System	WellArchitect 7.0
North Reference	Grid	Report Generated By	Deergai on 2025-08-12 at 5:20:33 PM
Scale	1.000005	Last Updated	2025-08-12
Convergence at Slot	0.51 East	Database	WA HOU Midland Defn

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-3.60	-449.90	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W
Facility Reference Pt			831868.60	581788.70	32°35'45.0520"N	103°23'23.8790"W
Field Reference Pt			831868.60	581788.70	32°35'45.0520"N	103°23'23.8790"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Patterson 558 (RKB) to Facility Vertical Datum	3666.00ft
Horizontal Reference Pt	Slot	Patterson 558 (RKB) to Mean Sea Level	3666.00ft
Vertical Reference Pt	Patterson 558 (RKB)	Patterson 558 (RKB) to Mud Line at Slot (Goat Rope 7/18 State Com 527H)	28.00ft
MD Reference Pt	Patterson 558 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.626°

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	81.865	0.00	3666.00	-	0.00	0.00	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W	0.00	0.000	0.00	0.00	0.00	
28.00	0.000	81.865	28.00	3638.00	-	0.00	0.00	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W	0.00	0.000	0.00	0.00	0.00	Tie On
128.00	0.000	81.865	128.00	3538.00	-	0.00	0.00	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W	0.00	0.000	0.00	0.00	0.00	
228.00	0.000	81.865	228.00	3438.00	-	0.00	0.00	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W	0.00	0.000	0.00	0.00	0.00	
328.00	0.000	81.865	328.00	3338.00	-	0.00	0.00	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W	0.00	0.000	0.00	0.00	0.00	
428.00	0.000	81.865	428.00	3238.00	-	0.00	0.00	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W	0.00	0.000	0.00	0.00	0.00	
528.00	0.000	81.865	528.00	3138.00	-	0.00	0.00	831418.70	581785.10	32°35'45.0559"N	103°23'29.1378"W	0.00	0.000	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 2 of 14



REFERENCE WELLPATH IDENTIFICATION															
Operator	Mewbourne Oil Company								Well	Goat Rope 7/18 State Com 527H					
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)								UWI	30-025-53332					
Facility	Goat Rope 7/18 State Com Pad								Wellbore	Goat Rope 7/18 State Com 527H					
Slot	Goat Rope 7/18 State Com 527H														

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclinati on [°]	Azimuth h [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100f t]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
628.00	0.000	81.865	628.00	3038.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
728.00	0.000	81.865	728.00	2938.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
828.00	0.000	81.865	828.00	2838.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
928.00	0.000	81.865	928.00	2738.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1028.00	0.000	81.865	1028.0 0	2638.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1128.00	0.000	81.865	1128.0 0	2538.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1228.00	0.000	81.865	1228.0 0	2438.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1328.00	0.000	81.865	1328.0 0	2338.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1428.00	0.000	81.865	1428.0 0	2238.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1528.00	0.000	81.865	1528.0 0	2138.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1628.00	0.000	81.865	1628.0 0	2038.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1728.00	0.000	81.865	1728.0 0	1938.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	
1827.00 †	0.000	81.865	1827.0 0	1839.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	Rustler
1828.00	0.000	81.865	1828.0 0	1838.00	- 0.00	0.00	0.00	831418.7 0	581785.1 0	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 3 of 14



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Well	Goat Rope 7/18 State Com 527H
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)	UWI	30-025-53332
Facility	Goat Rope 7/18 State Com Pad	Wellbore	Goat Rope 7/18 State Com 527H
Slot	Goat Rope 7/18 State Com 527H		

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
1905.00	0.000	81.865	1905.00	1761.00	0.00	0.00	0.00	831418.70	581785.10	32°35'45.0559" N	103°23'29.1378" W	0.00	0.000	0.00	0.00	0.00	Begin Nudge
2005.00	2.000	81.865	2004.98	1661.02	-0.24	0.25	1.73	831420.43	581785.35	32°35'45.0582" N	103°23'29.1175" W	1.75	81.865	2.00	2.00	0.00	
2105.00	4.000	81.865	2104.84	1561.16	-0.94	0.99	6.91	831425.61	581786.09	32°35'45.0650" N	103°23'29.0569" W	6.98	81.865	2.00	2.00	0.00	
2118.20†	4.264	81.865	2118.00	1548.00	-1.07	1.12	7.85	831426.55	581786.22	32°35'45.0663" N	103°23'29.0459" W	7.93	81.865	2.00	2.00	0.00	Salt Top
2205.00	6.000	81.865	2204.45	1461.55	-2.12	2.22	15.54	831434.24	581787.32	32°35'45.0765" N	103°23'28.9559" W	15.69	81.865	2.00	2.00	0.00	
2305.00	8.000	81.865	2303.70	1362.30	-3.76	3.95	27.60	831446.30	581789.05	32°35'45.0925" N	103°23'28.8148" W	27.88	81.865	2.00	2.00	0.00	
2405.00	10.000	81.865	2402.47	1263.53	-5.88	6.16	43.08	831461.78	581791.26	32°35'45.1130" N	103°23'28.6335" W	43.52	81.865	2.00	2.00	0.00	
2492.39	11.748	81.865	2488.29	1177.71	-8.10	8.49	59.40	831478.10	581793.59	32°35'45.1347" N	103°23'28.4426" W	60.01	81.865	2.00	2.00	0.00	End Nudge
2505.00	11.748	81.865	2500.63	1165.37	-8.45	8.85	61.95	831480.65	581793.95	32°35'45.1381" N	103°23'28.4128" W	62.58	81.865	0.00	0.00	0.00	
2605.00	11.748	81.865	2598.53	1067.47	-11.20	11.74	82.10	831500.80	581796.84	32°35'45.1648" N	103°23'28.1769" W	82.94	81.865	0.00	0.00	0.00	
2705.00	11.748	81.865	2696.44	-969.56	-13.95	14.62	102.26	831520.96	581799.72	32°35'45.1915" N	103°23'27.9411" W	103.30	81.865	0.00	0.00	0.00	
2805.00	11.748	81.865	2794.34	-871.66	-16.70	17.50	122.41	831541.11	581802.60	32°35'45.2183" N	103°23'27.7052" W	123.66	81.865	0.00	0.00	0.00	
2905.00	11.748	81.865	2892.25	-773.75	-19.45	20.38	142.57	831561.27	581805.48	32°35'45.2450" N	103°23'27.4693" W	144.02	81.865	0.00	0.00	0.00	
3005.00	11.748	81.865	2990.16	-675.84	-22.20	23.26	162.72	831581.42	581808.36	32°35'45.2718" N	103°23'27.2334" W	164.38	81.865	0.00	0.00	0.00	
3105.00	11.748	81.865	3088.06	-577.94	-24.95	26.14	182.88	831601.58	581811.24	32°35'45.2985" N	103°23'26.9976" W	184.74	81.865	0.00	0.00	0.00	
3205.00	11.748	81.865	3185.9	-480.03	-27.70	29.02	203.04	831621.7	581814.1	32°35'45.3252" N	103°23'26.7617" W	205.10	81.865	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 4 of 14



REFERENCE WELLPATH IDENTIFICATION															
Operator	Mewbourne Oil Company								Well	Goat Rope 7/18 State Com 527H					
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)								UWI	30-025-53332					
Facility	Goat Rope 7/18 State Com Pad								Wellbore	Goat Rope 7/18 State Com 527H					
Slot	Goat Rope 7/18 State Com 527H														

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclinati on [°]	Azimuth h [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100f t]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
			7					4	2	N	W						
3305.00	11.748	81.865	3283.87	-382.13	-30.45	31.90	223.19	831641.89	581817.00	32°35'45.3520" N	103°23'26.5258" W	225.46	81.865	0.00	0.00	0.00	
3313.30 †	11.748	81.865	3292.00	-374.00	-30.67	32.14	224.86	831643.57	581817.24	32°35'45.3542" N	103°23'26.5062" W	227.15	81.865	0.00	0.00	0.00	Salt Base
3405.00	11.748	81.865	3381.78	-284.22	-33.20	34.79	243.35	831662.05	581819.89	32°35'45.3787" N	103°23'26.2899" W	245.82	81.865	0.00	0.00	0.00	
3468.55 †	11.748	81.865	3444.00	-222.00	-34.94	36.62	256.16	831674.86	581821.72	32°35'45.3957" N	103°23'26.1400" W	258.76	81.865	0.00	0.00	0.00	Yates
3505.00	11.748	81.865	3479.68	-186.32	-35.95	37.67	263.50	831682.20	581822.77	32°35'45.4054" N	103°23'26.0540" W	266.18	81.865	0.00	0.00	0.00	
3605.00	11.748	81.865	3577.59	-88.41	-38.69	40.55	283.66	831702.36	581825.65	32°35'45.4322" N	103°23'25.8182" W	286.54	81.865	0.00	0.00	0.00	
3705.00	11.748	81.865	3675.49	9.49	-41.44	43.43	303.81	831722.51	581828.53	32°35'45.4589" N	103°23'25.5823" W	306.90	81.865	0.00	0.00	0.00	
3805.00	11.748	81.865	3773.40	107.40	-44.19	46.31	323.97	831742.67	581831.41	32°35'45.4857" N	103°23'25.3464" W	327.26	81.865	0.00	0.00	0.00	
3905.00	11.748	81.865	3871.30	205.30	-46.94	49.19	344.12	831762.83	581834.29	32°35'45.5124" N	103°23'25.1105" W	347.62	81.865	0.00	0.00	0.00	
4005.00	11.748	81.865	3969.21	303.21	-49.69	52.07	364.28	831782.98	581837.17	32°35'45.5391" N	103°23'24.8746" W	367.98	81.865	0.00	0.00	0.00	
4105.00	11.748	81.865	4067.11	401.11	-52.44	54.95	384.44	831803.14	581840.05	32°35'45.5659" N	103°23'24.6388" W	388.34	81.865	0.00	0.00	0.00	
4205.00	11.748	81.865	4165.02	499.02	-55.19	57.83	404.59	831823.29	581842.93	32°35'45.5926" N	103°23'24.4029" W	408.70	81.865	0.00	0.00	0.00	
4305.00	11.748	81.865	4262.92	596.92	-57.94	60.72	424.75	831843.45	581845.82	32°35'45.6193" N	103°23'24.1670" W	429.06	81.865	0.00	0.00	0.00	
4405.00	11.748	81.865	4360.83	694.83	-60.69	63.60	444.90	831863.60	581848.70	32°35'45.6461" N	103°23'23.9311" W	449.43	81.865	0.00	0.00	0.00	
4505.00	11.748	81.865	4458.73	792.73	-63.44	66.48	465.06	831883.76	581851.58	32°35'45.6728" N	103°23'23.6952" W	469.79	81.865	0.00	0.00	0.00	
4605.00	11.748	81.865	4556.64	890.64	-66.19	69.36	485.21	831903.92	581854.46	32°35'45.6996" N	103°23'23.4594" W	490.15	81.865	0.00	0.00	0.00	
4672.78 †	11.748	81.865	4623.00	957.00	-68.05	71.31	498.88	831917.58	581856.41	32°35'45.7177" N	103°23'23.2995" W	503.95	81.865	0.00	0.00	0.00	Queen
4705.00	11.748	81.865	4654.55	988.55	-68.94	72.24	505.37	831924.07	581857.34	32°35'45.7263" N	103°23'23.2235" W	510.51	81.865	0.00	0.00	0.00	
4805.00	11.748	81.865	4752.45	1086.45	-71.69	75.12	525.53	831944.23	581860.22	32°35'45.7530" N	103°23'22.9876" W	530.87	81.865	0.00	0.00	0.00	
4905.00	11.748	81.865	4850.36	1184.36	-74.44	78.00	545.68	831964.38	581863.10	32°35'45.7798" N	103°23'22.7517" W	551.23	81.865	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 5 of 14



REFERENCE WELLPATH IDENTIFICATION																
Operator	Mewbourne Oil Company								Well	Goat Rope 7/18 State Com 527H						
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)								UWI	30-025-53332						
Facility	Goat Rope 7/18 State Com Pad								Wellbore	Goat Rope 7/18 State Com 527H						
Slot	Goat Rope 7/18 State Com 527H															

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclinati on [°]	Azimut h [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100f t]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5005.00	11.748	81.865	4948.26 6	1282.26	-77.19	80.88	565.84	831984.54	581865.98	32°35'45.8065" N	103°23'22.5159" W	571.59	81.865	0.00	0.00	0.00	
5105.00	11.748	81.865	5046.17 7	1380.17	-79.94	83.76	585.99	832004.69	581868.86	32°35'45.8332" N	103°23'22.2800" W	591.95	81.865	0.00	0.00	0.00	
5205.00	11.748	81.865	5144.07 7	1478.07	-82.69	86.65	606.15	832024.85	581871.75	32°35'45.8600" N	103°23'22.0441" W	612.31	81.865	0.00	0.00	0.00	
5305.00	11.748	81.865	5241.98 8	1575.98	-85.44	89.53	626.30	832045.01	581874.63	32°35'45.8867" N	103°23'21.8082" W	632.67	81.865	0.00	0.00	0.00	
5405.00	11.748	81.865	5339.88 8	1673.88	-88.19	92.41	646.46	832065.16	581877.51	32°35'45.9135" N	103°23'21.5723" W	653.03	81.865	0.00	0.00	0.00	
5505.00	11.748	81.865	5437.79 9	1771.79	-90.94	95.29	666.62	832085.32	581880.39	32°35'45.9402" N	103°23'21.3365" W	673.39	81.865	0.00	0.00	0.00	
5605.00	11.748	81.865	5535.69 9	1869.69	-93.69	98.17	686.77	832105.47	581883.27	32°35'45.9669" N	103°23'21.1006" W	693.75	81.865	0.00	0.00	0.00	
5705.00	11.748	81.865	5633.60 0	1967.60	-96.43	101.05	706.93	832125.63	581886.15	32°35'45.9937" N	103°23'20.8647" W	714.11	81.865	0.00	0.00	0.00	
5805.00	11.748	81.865	5731.50 0	2065.50	-99.18	103.93	727.08	832145.78	581889.03	32°35'46.0204" N	103°23'20.6288" W	734.47	81.865	0.00	0.00	0.00	
5872.92 †	11.748	81.865	5798.00 0	2132.00	-101.05	105.89	740.77	832159.47	581890.99	32°35'46.0386" N	103°23'20.4686" W	748.30	81.865	0.00	0.00	0.00	Delware (Lamar)
5905.00	11.748	81.865	5829.41 1	2163.41	-101.93	106.81	747.24	832165.94	581891.91	32°35'46.0471" N	103°23'20.3929" W	754.83	81.865	0.00	0.00	0.00	
6005.00	11.748	81.865	5927.31 1	2261.31	-104.68	109.69	767.39	832186.10	581894.80	32°35'46.0739" N	103°23'20.1571" W	775.19	81.865	0.00	0.00	0.00	
6105.00	11.748	81.865	6025.22 2	2359.22	-107.43	112.58	787.55	832206.25	581897.68	32°35'46.1006" N	103°23'19.9212" W	795.55	81.865	0.00	0.00	0.00	
6205.00	11.748	81.865	6123.13 3	2457.13	-110.18	115.46	807.70	832226.41	581900.56	32°35'46.1273" N	103°23'19.6853" W	815.91	81.865	0.00	0.00	0.00	
6305.00	11.748	81.865	6221.03 3	2555.03	-112.93	118.34	827.86	832246.56	581903.44	32°35'46.1541" N	103°23'19.4494" W	836.28	81.865	0.00	0.00	0.00	
6405.00	11.748	81.865	6318.94 4	2652.94	-115.68	121.22	848.02	832266.72	581906.32	32°35'46.1808" N	103°23'19.2135" W	856.64	81.865	0.00	0.00	0.00	
6505.00	11.748	81.865	6416.84 4	2750.84	-118.43	124.10	868.17	832286.87	581909.20	32°35'46.2075" N	103°23'18.9777" W	877.00	81.865	0.00	0.00	0.00	
6605.00	11.748	81.865	6514.75 5	2848.75	-121.18	126.98	888.33	832307.03	581912.08	32°35'46.2343" N	103°23'18.7418" W	897.36	81.865	0.00	0.00	0.00	
6705.00	11.748	81.865	6612.65 5	2946.65	-123.93	129.86	908.48	832327.19	581914.96	32°35'46.2610" N	103°23'18.5059" W	917.72	81.865	0.00	0.00	0.00	
6805.00	11.748	81.865	6710.56 6	3044.56	-126.68	132.74	928.64	832347.34	581917.84	32°35'46.2878" N	103°23'18.2700" W	938.08	81.865	0.00	0.00	0.00	
6905.00	11.748	81.865	6808.46	3142.46	-129.43	135.62	948.79	832367.54	581920.74	32°35'46.3145" N	103°23'18.0341" W	958.44	81.865	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 6 of 14



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Well	Goat Rope 7/18 State Com 527H
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)	UWI	30-025-53332
Facility	Goat Rope 7/18 State Com Pad	Wellbore	Goat Rope 7/18 State Com 527H
Slot	Goat Rope 7/18 State Com 527H		

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
			6					0	3	N	W						
7005.00	11.748	81.865	6906.37	3240.37	-132.18	138.51	968.95	832387.65	581923.61	32°35'46.3412" N	103°23'17.7983" W	978.80	81.865	0.00	0.00	0.00	
7105.00	11.748	81.865	7004.27	3338.27	-134.93	141.39	989.11	832407.81	581926.49	32°35'46.3680" N	103°23'17.5624" W	999.16	81.865	0.00	0.00	0.00	
7205.00	11.748	81.865	7102.18	3436.18	-137.68	144.27	1009.26	832427.96	581929.37	32°35'46.3947" N	103°23'17.3265" W	1019.52	81.865	0.00	0.00	0.00	
7305.00	11.748	81.865	7200.08	3534.08	-140.43	147.15	1029.42	832448.12	581932.25	32°35'46.4214" N	103°23'17.0906" W	1039.88	81.865	0.00	0.00	0.00	
7405.00	11.748	81.865	7297.99	3631.99	-143.18	150.03	1049.57	832468.28	581935.13	32°35'46.4482" N	103°23'16.8547" W	1060.24	81.865	0.00	0.00	0.00	
7505.00	11.748	81.865	7395.89	3729.89	-145.93	152.91	1069.73	832488.43	581938.01	32°35'46.4749" N	103°23'16.6189" W	1080.60	81.865	0.00	0.00	0.00	
7605.00	11.748	81.865	7493.80	3827.80	-148.68	155.79	1089.88	832508.59	581940.89	32°35'46.5016" N	103°23'16.3830" W	1100.96	81.865	0.00	0.00	0.00	
7671.60 †	11.748	81.865	7559.00	3893.00	-150.51	157.71	1103.31	832522.01	581942.81	32°35'46.5194" N	103°23'16.2259" W	1114.52	81.865	0.00	0.00	0.00	Bone Spring
7705.00	11.748	81.865	7591.70	3925.70	-151.42	158.67	1110.04	832528.74	581943.77	32°35'46.5284" N	103°23'16.1471" W	1121.32	81.865	0.00	0.00	0.00	
7805.00	11.748	81.865	7689.61	4023.61	-154.17	161.56	1130.20	832548.90	581946.66	32°35'46.5551" N	103°23'15.9112" W	1141.68	81.865	0.00	0.00	0.00	
7905.00	11.748	81.865	7787.52	4121.52	-156.92	164.44	1150.35	832569.05	581949.54	32°35'46.5818" N	103°23'15.6753" W	1162.04	81.865	0.00	0.00	0.00	
8005.00	11.748	81.865	7885.42	4219.42	-159.67	167.32	1170.51	832589.21	581952.42	32°35'46.6086" N	103°23'15.4395" W	1182.40	81.865	0.00	0.00	0.00	
8105.00	11.748	81.865	7983.33	4317.33	-162.42	170.20	1190.66	832609.37	581955.30	32°35'46.6353" N	103°23'15.2036" W	1202.77	81.865	0.00	0.00	0.00	
8205.00	11.748	81.865	8081.23	4415.23	-165.17	173.08	1210.82	832629.52	581958.18	32°35'46.6620" N	103°23'14.9677" W	1223.13	81.865	0.00	0.00	0.00	
8305.00	11.748	81.865	8179.14	4513.14	-167.92	175.96	1230.97	832649.68	581961.06	32°35'46.6888" N	103°23'14.7318" W	1243.49	81.865	0.00	0.00	0.00	
8401.60	11.748	81.865	8273.71	4607.71	-170.58	178.74	1250.44	832669.15	581963.84	32°35'46.7146" N	103°23'14.5040" W	1263.15	81.865	0.00	0.00	0.00	Drop to Vertical
8405.00	11.680	81.865	8277.04	4611.04	-170.67	178.84	1251.13	832669.83	581963.94	32°35'46.7155" N	103°23'14.4960" W	1263.84	81.865	2.00	-2.00	0.00	
8505.00	9.680	81.865	8375.31	4709.31	-173.17	181.46	1269.47	832688.18	581966.56	32°35'46.7398" N	103°23'14.2813" W	1282.38	81.865	2.00	-2.00	0.00	
8605.00	7.680	81.865	8474.15	4808.15	-175.21	183.60	1284.41	832703.12	581968.70	32°35'46.7596" N	103°23'14.1064" W	1297.47	81.865	2.00	-2.00	0.00	
8705.00	5.680	81.865	8573.47	4907.47	-176.78	185.25	1295.93	832714.63	581970.35	32°35'46.7749" N	103°23'13.9717" W	1309.10	81.865	2.00	-2.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 7 of 14



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Well	Goat Rope 7/18 State Com 527H
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)	UWI	30-025-53332
Facility	Goat Rope 7/18 State Com Pad	Wellbore	Goat Rope 7/18 State Com 527H
Slot	Goat Rope 7/18 State Com 527H		

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8805.00	3.680	81.865	8673.13	5007.13	-177.88	186.40	1304.00	832722.71	581971.50	32°35'46.7856" N	103°23'13.8772" W	1317.26	81.865	2.00	-2.00	0.00	
8868.96†	2.401	81.865	8737.00	5071.00	-178.34	186.88	1307.36	832726.06	581971.98	32°35'46.7901" N	103°23'13.8379" W	1320.65	81.865	2.00	-2.00	0.00	1st Bone Spring Carbonate
8905.00	1.680	81.865	8773.02	5107.02	-178.52	187.06	1308.63	832727.33	581972.16	32°35'46.7918" N	103°23'13.8230" W	1321.93	81.865	2.00	-2.00	0.00	
8988.99	0.000	179.628	8857.00	5191.00	-178.68	187.24	1309.85	832728.55	581972.34	32°35'46.7934" N	103°23'13.8087" W	1323.16	81.865	2.00	-2.00	0.00	Vertical
9005.00	0.000	179.628	8873.01	5207.01	-178.68	187.24	1309.85	832728.55	581972.34	32°35'46.7934" N	103°23'13.8087" W	1323.16	81.865	0.00	0.00	0.00	
9042.99†	0.000	179.628	8911.00	5245.00	-178.68	187.24	1309.85	832728.55	581972.34	32°35'46.7934" N	103°23'13.8087" W	1323.16	81.865	0.00	0.00	0.00	1st Bone Spring Sand
9105.00	0.000	179.628	8973.01	5307.01	-178.68	187.24	1309.85	832728.55	581972.34	32°35'46.7934" N	103°23'13.8087" W	1323.16	81.865	0.00	0.00	0.00	
9189.05	0.000	179.628	9057.05	5391.05	-178.68	187.24	1309.85	832728.55	581972.34	32°35'46.7934" N	103°23'13.8087" W	1323.16	81.865	0.00	0.00	0.00	Curve KOP
9189.05	0.000	179.628	9057.06	5391.06	-178.68	187.24	1309.85	832728.55	581972.34	32°35'46.7934" N	103°23'13.8087" W	1323.16	81.865	10.00	10.00	0.00	
9289.05	10.000	179.628	9156.55	5490.55	-169.98	178.53	1309.91	832728.61	581963.63	32°35'46.7072" N	103°23'13.8090" W	1322.02	82.239	10.00	10.00	0.00	
9337.65†	14.861	179.628	9204.00	5538.00	-159.52	168.07	1309.97	832728.68	581953.17	32°35'46.6037" N	103°23'13.8093" W	1320.71	82.689	10.00	10.00	0.00	2nd Bone Spring Carbonate
9389.05	20.000	179.628	9253.02	5587.02	-144.13	152.68	1310.07	832728.78	581937.78	32°35'46.4515" N	103°23'13.8097" W	1318.94	83.352	10.00	10.00	0.00	
9489.05	30.000	179.628	9343.53	5677.53	-101.92	110.47	1310.35	832729.05	581895.58	32°35'46.0338" N	103°23'13.8109" W	1315.00	85.181	10.00	10.00	0.00	
9589.05	40.000	179.628	9425.35	5759.35	-44.63	53.19	1310.72	832729.42	581838.29	32°35'45.4670" N	103°23'13.8125" W	1311.80	87.676	10.00	10.00	0.00	
9686.00†	49.695	179.628	9494.00	5828.00	23.66	-15.10	1311.16	832729.87	581770.00	32°35'44.7913" N	103°23'13.8144" W	1311.25	90.660	10.00	10.00	0.00	2nd Bone Spring Sand
9689.05	50.000	179.628	9495.97	5829.97	25.99	-17.43	1311.18	832729.88	581767.67	32°35'44.7683" N	103°23'13.8145" W	1311.29	90.762	10.00	10.00	0.00	
9789.05	60.000	179.628	9553.25	5887.25	107.80	-99.24	1311.71	832730.41	581685.86	32°35'43.9588" N	103°23'13.8168" W	1315.46	94.327	10.00	10.00	0.00	
9889.05	70.000	179.628	9595.46	5929.46	198.31	-189.75	1312.30	832731.00	581595.35	32°35'43.0632" N	103°23'13.8193" W	1325.95	98.228	10.00	10.00	0.00	
9989.05	80.000	179.628	9621.31	5955.31	294.78	-286.22	1312.92	832731.63	581498.88	32°35'42.1086" N	103°23'13.8220" W	1343.76	102.298	10.00	10.00	0.00	
10089.05	90.000	179.628	9630.01	5964.01	394.28	-385.71	1313.57	832732.27	581399.39	32°35'41.1242" N	103°23'13.8248" W	1369.03	106.364	10.00	10.00	0.00	
10092.7	90.370	179.62	9630.0	5964.00	397.98	-389.41	1313.5	832732.3	581395.6	32°35'41.0876" N	103°23'13.8249" W	1370.10	106.512	10.00	10.00	0.00	LP (100' FNL/660' FEI)



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 8 of 14



REFERENCE WELLPATH IDENTIFICATION															
Operator	Mewbourne Oil Company								Well	Goat Rope 7/18 State Com 527H					
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)								UWI	30-025-53332					
Facility	Goat Rope 7/18 State Com Pad								Wellbore	Goat Rope 7/18 State Com 527H					
Slot	Goat Rope 7/18 State Com 527H														

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclinati on [°]	Azimuth h [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100f t]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5		8	0 [†]				9	0	9	N	W						
10092.75	90.370	179.628	9630.00	5964.00	397.98	-389.41	1313.59	832732.30	581395.69	32°35'41.0876" N	103°23'13.8249" W	1370.10	106.512	0.00	0.00	0.00	
10192.75	90.370	179.628	9629.35	5963.35	497.98	-489.41	1314.24	832732.95	581295.69	32°35'40.0982" N	103°23'13.8277" W	1402.41	110.425	0.00	0.00	0.00	
10292.75	90.370	179.628	9628.71	5962.71	597.97	-589.40	1314.89	832733.60	581195.69	32°35'39.1087" N	103°23'13.8305" W	1440.95	114.144	0.00	0.00	0.00	
10392.75	90.370	179.628	9628.06	5962.06	697.97	-689.40	1315.54	832734.25	581095.70	32°35'38.1193" N	103°23'13.8334" W	1485.24	117.656	0.00	0.00	0.00	
10492.75	90.370	179.628	9627.42	5961.42	797.97	-789.39	1316.19	832734.90	580995.70	32°35'37.1299" N	103°23'13.8362" W	1534.77	120.953	0.00	0.00	0.00	
10592.75	90.370	179.628	9626.77	5960.77	897.97	-889.39	1316.84	832735.55	580895.71	32°35'36.1404" N	103°23'13.8390" W	1589.05	124.035	0.00	0.00	0.00	
10692.75	90.370	179.628	9626.13	5960.13	997.97	-989.39	1317.49	832736.20	580795.71	32°35'35.1510" N	103°23'13.8418" W	1647.63	126.905	0.00	0.00	0.00	
10792.75	90.370	179.628	9625.48	5959.48	1097.96	-1089.38	1318.14	832736.85	580695.71	32°35'34.1616" N	103°23'13.8446" W	1710.04	129.572	0.00	0.00	0.00	
10892.75	90.370	179.628	9624.83	5958.83	1197.96	-1189.38	1318.79	832737.49	580595.72	32°35'33.1721" N	103°23'13.8474" W	1775.90	132.046	0.00	0.00	0.00	
10992.75	90.370	179.628	9624.19	5958.19	1297.96	-1289.37	1319.44	832738.14	580495.72	32°35'32.1827" N	103°23'13.8502" W	1844.83	134.340	0.00	0.00	0.00	
11092.75	90.370	179.628	9623.54	5957.54	1397.96	-1389.37	1320.09	832738.79	580395.73	32°35'31.1933" N	103°23'13.8530" W	1916.50	136.465	0.00	0.00	0.00	
11192.75	90.370	179.628	9622.90	5956.90	1497.95	-1489.37	1320.74	832739.44	580295.73	32°35'30.2038" N	103°23'13.8558" W	1990.62	138.434	0.00	0.00	0.00	
11292.75	90.370	179.628	9622.25	5956.25	1597.95	-1589.36	1321.39	832740.09	580195.73	32°35'29.2144" N	103°23'13.8586" W	2066.91	140.260	0.00	0.00	0.00	
11392.75	90.370	179.628	9621.61	5955.61	1697.95	-1689.36	1322.04	832740.74	580095.74	32°35'28.2250" N	103°23'13.8614" W	2145.16	141.954	0.00	0.00	0.00	
11492.75	90.370	179.628	9620.96	5954.96	1797.95	-1789.35	1322.69	832741.39	579995.74	32°35'27.2355" N	103°23'13.8642" W	2225.15	143.528	0.00	0.00	0.00	
11592.75	90.370	179.628	9620.32	5954.32	1897.95	-1889.35	1323.34	832742.04	579895.74	32°35'26.2461" N	103°23'13.8670" W	2306.70	144.992	0.00	0.00	0.00	
11692.75	90.370	179.628	9619.67	5953.67	1997.94	-1989.34	1323.99	832742.69	579795.75	32°35'25.2567" N	103°23'13.8698" W	2389.65	146.355	0.00	0.00	0.00	
11792.75	90.370	179.628	9619.02	5953.02	2097.94	-2089.34	1324.64	832743.34	579695.75	32°35'24.2672" N	103°23'13.8726" W	2473.86	147.625	0.00	0.00	0.00	
11892.75	90.370	179.628	9618.38	5952.38	2197.94	-2189.34	1325.29	832743.99	579595.76	32°35'23.2778" N	103°23'13.8754" W	2559.21	148.812	0.00	0.00	0.00	
11992.75	90.370	179.628	9617.73	5951.73	2297.94	-2289.33	1325.93	832744.64	579495.76	32°35'22.2884" N	103°23'13.8782" W	2645.59	149.921	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 9 of 14



REFERENCE WELLPATH IDENTIFICATION																
Operator	Mewbourne Oil Company								Well	Goat Rope 7/18 State Com 527H						
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)								UWI	30-025-53332						
Facility	Goat Rope 7/18 State Com Pad								Wellbore	Goat Rope 7/18 State Com 527H						
Slot	Goat Rope 7/18 State Com 527H															

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclinati on [°]	Azimuth h [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft t]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
12092.7 5	90.370	179.62 8	9617.0 9	5951.09	2397.94	- 2389.33	1326.5 8	832745.2 9	579395.7 6	32°35'21.2989" N	103°23'13.8810" W	2732.89	150.960	0.00	0.00	0.00	
12192.7 5	90.370	179.62 8	9616.4 4	5950.44	2497.93	- 2489.32	1327.2 3	832745.9 4	579295.7 7	32°35'20.3095" N	103°23'13.8838" W	2821.04	151.935	0.00	0.00	0.00	
12292.7 5	90.370	179.62 8	9615.8 0	5949.80	2597.93	- 2589.32	1327.8 8	832746.5 9	579195.7 7	32°35'19.3201" N	103°23'13.8867" W	2909.96	152.850	0.00	0.00	0.00	
12392.7 5	90.370	179.62 8	9615.1 5	5949.15	2697.93	- 2689.32	1328.5 3	832747.2 4	579095.7 8	32°35'18.3307" N	103°23'13.8895" W	2999.57	153.710	0.00	0.00	0.00	
12492.7 5	90.370	179.62 8	9614.5 0	5948.50	2797.93	- 2789.31	1329.1 8	832747.8 9	578995.7 8	32°35'17.3412" N	103°23'13.8923" W	3089.82	154.521	0.00	0.00	0.00	
12592.7 5	90.370	179.62 8	9613.8 6	5947.86	2897.93	- 2889.31	1329.8 3	832748.5 4	578895.7 8	32°35'16.3518" N	103°23'13.8951" W	3180.65	155.285	0.00	0.00	0.00	
12692.7 5	90.370	179.62 8	9613.2 1	5947.21	2997.92	- 2989.30	1330.4 8	832749.1 9	578795.7 9	32°35'15.3624" N	103°23'13.8979" W	3272.02	156.007	0.00	0.00	0.00	
12792.7 5	90.370	179.62 8	9612.5 7	5946.57	3097.92	- 3089.30	1331.1 3	832749.8 4	578695.7 9	32°35'14.3729" N	103°23'13.9007" W	3363.88	156.690	0.00	0.00	0.00	
12892.7 5	90.370	179.62 8	9611.9 2	5945.92	3197.92	- 3189.29	1331.7 8	832750.4 8	578595.7 9	32°35'13.3835" N	103°23'13.9035" W	3456.19	157.336	0.00	0.00	0.00	
12992.7 5	90.370	179.62 8	9611.2 8	5945.28	3297.92	- 3289.29	1332.4 3	832751.1 3	578495.8 0	32°35'12.3941" N	103°23'13.9063" W	3548.92	157.948	0.00	0.00	0.00	
13092.7 5	90.370	179.62 8	9610.6 3	5944.63	3397.92	- 3389.29	1333.0 8	832751.7 8	578395.8 0	32°35'11.4046" N	103°23'13.9091" W	3642.03	158.529	0.00	0.00	0.00	
13192.7 5	90.370	179.62 8	9609.9 9	5943.99	3497.91	- 3489.28	1333.7 3	832752.4 3	578295.8 1	32°35'10.4152" N	103°23'13.9119" W	3735.49	159.081	0.00	0.00	0.00	
13292.7 5	90.370	179.62 8	9609.3 4	5943.34	3597.91	- 3589.28	1334.3 8	832753.0 8	578195.8 1	32°35'9.4258" N	103°23'13.9147" W	3829.29	159.606	0.00	0.00	0.00	
13392.7 5	90.370	179.62 8	9608.6 9	5942.69	3697.91	- 3689.27	1335.0 3	832753.7 3	578095.8 1	32°35'8.4363" N	103°23'13.9175" W	3923.40	160.106	0.00	0.00	0.00	
13492.7 5	90.370	179.62 8	9608.0 5	5942.05	3797.91	- 3789.27	1335.6 8	832754.3 8	577995.8 2	32°35'7.4469" N	103°23'13.9203" W	4017.78	160.583	0.00	0.00	0.00	
13592.7 5	90.370	179.62 8	9607.4 0	5941.40	3897.90	- 3889.26	1336.3 3	832755.0 3	577895.8 2	32°35'6.4575" N	103°23'13.9231" W	4112.44	161.038	0.00	0.00	0.00	
13692.7 5	90.370	179.62 8	9606.7 6	5940.76	3997.90	- 3989.26	1336.9 8	832755.6 8	577795.8 3	32°35'5.4680" N	103°23'13.9259" W	4207.34	161.472	0.00	0.00	0.00	
13792.7 5	90.370	179.62 8	9606.1 1	5940.11	4097.90	- 4089.26	1337.6 3	832756.3 3	577695.8 3	32°35'4.4786" N	103°23'13.9287" W	4302.47	161.887	0.00	0.00	0.00	
13892.7 5	90.370	179.62 8	9605.4 7	5939.47	4197.90	- 4189.25	1338.2 8	832756.9 8	577595.8 3	32°35'3.4892" N	103°23'13.9315" W	4397.82	162.284	0.00	0.00	0.00	
13992.7 5	90.370	179.62 8	9604.8 2	5938.82	4297.90	- 4289.25	1338.9 2	832757.6 3	577495.8 4	32°35'2.4997" N	103°23'13.9343" W	4493.37	162.664	0.00	0.00	0.00	
14092.7	90.370	179.62	9604.1	5938.17	4397.89	-	1339.5	832758.2	577395.8	32°35'1.5103"	103°23'13.9371"	4589.11	163.028	0.00	0.00	0.00	

Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 10 of 14



REFERENCE WELLPATH IDENTIFICATION															
Operator	Mewbourne Oil Company								Well	Goat Rope 7/18 State Com 527H					
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)								UWI	30-025-53332					
Facility	Goat Rope 7/18 State Com Pad								Wellbore	Goat Rope 7/18 State Com 527H					
Slot	Goat Rope 7/18 State Com 527H														

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclinati on [°]	Azimu t h [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100f t]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5		8	7			4389.24	7	8	4	N	W						
14192.7 5	90.370	179.62 8	9603.5 3	5937.53	4497.89	- 4489.24	- 1340.2 2	832758.9 3	577295.8 4	32°35'0.5209" N	103°23'13.9399" W	4685.03	163.377	0.00	0.00	0.00	
14292.7 5	90.370	179.62 8	9602.8 8	5936.88	4597.89	- 4589.24	- 1340.8 7	832759.5 8	577195.8 5	32°34'59.5314" N	103°23'13.9427" W	4781.11	163.713	0.00	0.00	0.00	
14392.7 5	90.370	179.62 8	9602.2 4	5936.24	4697.89	- 4689.23	- 1341.5 2	832760.2 3	577095.8 5	32°34'58.5420" N	103°23'13.9455" W	4877.35	164.035	0.00	0.00	0.00	
14492.7 5	90.370	179.62 8	9601.5 9	5935.59	4797.89	- 4789.23	- 1342.1 7	832760.8 8	576995.8 6	32°34'57.5525" N	103°23'13.9483" W	4973.74	164.345	0.00	0.00	0.00	
14592.7 5	90.370	179.62 8	9600.9 5	5934.95	4897.88	- 4889.22	- 1342.8 2	832761.5 3	576895.8 6	32°34'56.5631" N	103°23'13.9511" W	5070.27	164.642	0.00	0.00	0.00	
14692.7 5	90.370	179.62 8	9600.3 0	5934.30	4997.88	- 4989.22	- 1343.4 7	832762.1 8	576795.8 6	32°34'55.5737" N	103°23'13.9539" W	5166.94	164.929	0.00	0.00	0.00	
14792.7 5	90.370	179.62 8	9599.6 5	5933.65	5097.88	- 5089.21	- 1344.1 2	832762.8 3	576695.8 7	32°34'54.5842" N	103°23'13.9567" W	5263.72	165.205	0.00	0.00	0.00	
14892.7 5	90.370	179.62 8	9599.0 1	5933.01	5197.88	- 5189.21	- 1344.7 7	832763.4 8	576595.8 7	32°34'53.5948" N	103°23'13.9595" W	5360.63	165.472	0.00	0.00	0.00	
14992.7 5	90.370	179.62 8	9598.3 6	5932.36	5297.88	- 5289.21	- 1345.4 2	832764.1 2	576495.8 8	32°34'52.6054" N	103°23'13.9623" W	5457.64	165.728	0.00	0.00	0.00	
15092.7 5	90.370	179.62 8	9597.7 2	5931.72	5397.87	- 5389.20	- 1346.0 7	832764.7 7	576395.8 8	32°34'51.6159" N	103°23'13.9651" W	5554.76	165.976	0.00	0.00	0.00	
15192.7 5	90.370	179.62 8	9597.0 7	5931.07	5497.87	- 5489.20	- 1346.7 2	832765.4 2	576295.8 8	32°34'50.6265" N	103°23'13.9679" W	5651.99	166.215	0.00	0.00	0.00	
15292.7 5	90.370	179.62 8	9596.4 3	5930.43	5597.87	- 5589.19	- 1347.3 7	832766.0 7	576195.8 9	32°34'49.6371" N	103°23'13.9707" W	5749.30	166.446	0.00	0.00	0.00	
15392.7 5	90.370	179.62 8	9595.7 8	5929.78	5697.87	- 5689.19	- 1348.0 2	832766.7 2	576095.8 9	32°34'48.6476" N	103°23'13.9735" W	5846.71	166.670	0.00	0.00	0.00	
15492.7 5	90.370	179.62 8	9595.1 4	5929.14	5797.87	- 5789.19	- 1348.6 7	832767.3 7	575995.8 9	32°34'47.6582" N	103°23'13.9763" W	5944.20	166.886	0.00	0.00	0.00	
15592.7 5	90.370	179.62 8	9594.4 9	5928.49	5897.86	- 5889.18	- 1349.3 2	832768.0 2	575895.9 0	32°34'46.6688" N	103°23'13.9791" W	6041.78	167.095	0.00	0.00	0.00	
15692.7 5	90.370	179.62 8	9593.8 4	5927.84	5997.86	- 5989.18	- 1349.9 7	832768.6 7	575795.9 0	32°34'45.6793" N	103°23'13.9819" W	6139.43	167.298	0.00	0.00	0.00	
15792.7 5	90.370	179.62 8	9593.2 0	5927.20	6097.86	- 6089.17	- 1350.6 2	832769.3 2	575695.9 1	32°34'44.6899" N	103°23'13.9847" W	6237.16	167.494	0.00	0.00	0.00	
15892.7 5	90.370	179.62 8	9592.5 5	5926.55	6197.86	- 6189.17	- 1351.2 7	832769.9 7	575595.9 1	32°34'43.7005" N	103°23'13.9875" W	6334.96	167.684	0.00	0.00	0.00	
15992.7 5	90.370	179.62 8	9591.9 1	5925.91	6297.85	- 6289.16	- 1351.9 1	832770.6 2	575495.9 1	32°34'42.7110" N	103°23'13.9903" W	6432.83	167.868	0.00	0.00	0.00	
16092.7 5	90.370	179.62 8	9591.2 6	5925.26	6397.85	- 6389.16	- 1352.5 6	832771.2 7	575395.9 2	32°34'41.7216" N	103°23'13.9931" W	6530.76	168.047	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 11 of 14



REFERENCE WELLPATH IDENTIFICATION															
Operator	Mewbourne Oil Company								Well	Goat Rope 7/18 State Com 527H					
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)								UWI	30-025-53332					
Facility	Goat Rope 7/18 State Com Pad								Wellbore	Goat Rope 7/18 State Com 527H					
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WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station																	
MD [ft]	Inclinati on [°]	Azimu t h [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100f t]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
16192.7 5	90.370	179.62 8	9590.6 2	5924.62	6497.85	- 6489.16	1353.2 1	832771.9 2	575295.9 2	32°34'40.7322" N	103°23'13.9959" W	6628.75	168.221	0.00	0.00	0.00	
16292.7 5	90.370	179.62 8	9589.9 7	5923.97	6597.85	- 6589.15	1353.8 6	832772.5 7	575195.9 3	32°34'39.7427" N	103°23'13.9988" W	6726.80	168.389	0.00	0.00	0.00	
16392.7 5	90.370	179.62 8	9589.3 2	5923.32	6697.85	- 6689.15	1354.5 1	832773.2 2	575095.9 3	32°34'38.7533" N	103°23'14.0016" W	6824.91	168.553	0.00	0.00	0.00	
16492.7 5	90.370	179.62 8	9588.6 8	5922.68	6797.84	- 6789.14	1355.1 6	832773.8 7	574995.9 3	32°34'37.7639" N	103°23'14.0044" W	6923.07	168.712	0.00	0.00	0.00	
16592.7 5	90.370	179.62 8	9588.0 3	5922.03	6897.84	- 6889.14	1355.8 1	832774.5 2	574895.9 4	32°34'36.7744" N	103°23'14.0072" W	7021.29	168.866	0.00	0.00	0.00	
16692.7 5	90.370	179.62 8	9587.3 9	5921.39	6997.84	- 6989.13	1356.4 6	832775.1 7	574795.9 4	32°34'35.7850" N	103°23'14.0100" W	7119.55	169.017	0.00	0.00	0.00	
16792.7 5	90.370	179.62 8	9586.7 4	5920.74	7097.84	- 7089.13	1357.1 1	832775.8 2	574695.9 4	32°34'34.7956" N	103°23'14.0128" W	7217.86	169.163	0.00	0.00	0.00	
16892.7 5	90.370	179.62 8	9586.1 0	5920.10	7197.84	- 7189.13	1357.7 6	832776.4 7	574595.9 5	32°34'33.8061" N	103°23'14.0156" W	7316.22	169.305	0.00	0.00	0.00	
16992.7 5	90.370	179.62 8	9585.4 5	5919.45	7297.83	- 7289.12	1358.4 1	832777.1 1	574495.9 5	32°34'32.8167" N	103°23'14.0184" W	7414.62	169.443	0.00	0.00	0.00	
17092.7 5	90.370	179.62 8	9584.8 1	5918.81	7397.83	- 7389.12	1359.0 6	832777.7 6	574395.9 6	32°34'31.8273" N	103°23'14.0212" W	7513.06	169.578	0.00	0.00	0.00	
17192.7 5	90.370	179.62 8	9584.1 6	5918.16	7497.83	- 7489.11	1359.7 1	832778.4 1	574295.9 6	32°34'30.8378" N	103°23'14.0240" W	7611.55	169.710	0.00	0.00	0.00	
17292.7 5	90.370	179.62 8	9583.5 1	5917.51	7597.83	- 7589.11	1360.3 6	832779.0 6	574195.9 6	32°34'29.8484" N	103°23'14.0268" W	7710.07	169.838	0.00	0.00	0.00	
17392.7 5	90.370	179.62 8	9582.8 7	5916.87	7697.83	- 7689.11	1361.0 1	832779.7 1	574095.9 7	32°34'28.8589" N	103°23'14.0296" W	7808.63	169.962	0.00	0.00	0.00	
17492.7 5	90.370	179.62 8	9582.2 2	5916.22	7797.82	- 7789.10	1361.6 6	832780.3 6	573995.9 7	32°34'27.8695" N	103°23'14.0324" W	7907.23	170.084	0.00	0.00	0.00	
17592.7 5	90.370	179.62 8	9581.5 8	5915.58	7897.82	- 7889.10	1362.3 1	832781.0 1	573895.9 8	32°34'26.8801" N	103°23'14.0351" W	8005.86	170.203	0.00	0.00	0.00	
17692.7 5	90.370	179.62 8	9580.9 3	5914.93	7997.82	- 7989.09	1362.9 6	832781.6 6	573795.9 8	32°34'25.8906" N	103°23'14.0379" W	8104.52	170.318	0.00	0.00	0.00	
17792.7 5	90.370	179.62 8	9580.2 9	5914.29	8097.82	- 8089.09	1363.6 1	832782.3 1	573695.9 8	32°34'24.9012" N	103°23'14.0407" W	8203.22	170.431	0.00	0.00	0.00	
17892.7 5	90.370	179.62 8	9579.6 4	5913.64	8197.82	- 8189.08	1364.2 6	832782.9 6	573595.9 9	32°34'23.9118" N	103°23'14.0435" W	8301.95	170.542	0.00	0.00	0.00	
17992.7 5	90.370	179.62 8	9578.9 9	5912.99	8297.81	- 8289.08	1364.9 1	832783.6 1	573495.9 9	32°34'22.9223" N	103°23'14.0463" W	8400.70	170.649	0.00	0.00	0.00	
18092.7 5	90.370	179.62 8	9578.3 5	5912.35	8397.81	- 8389.08	1365.5 5	832784.2 6	573395.9 9	32°34'21.9329" N	103°23'14.0491" W	8499.49	170.755	0.00	0.00	0.00	
18192.7	90.370	179.62	9577.7	5911.70	8497.81	-	1366.2	832784.9	573296.0	32°34'20.9435" N	103°23'14.0519" W	8598.31	170.857	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 12 of 14



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Well	Goat Rope 7/18 State Com 527H
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)	UWI	30-025-53332
Facility	Goat Rope 7/18 State Com Pad	Wellbore	Goat Rope 7/18 State Com 527H
Slot	Goat Rope 7/18 State Com 527H		

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5		8	0			8489.07	0	1	0	N	W						
18292.75	90.370	179.628	9577.06	5911.06	8597.81	- 8589.07	1366.85	832785.56	573196.00	32°34'19.9540" N	103°23'14.0547" W	8697.15	170.958	0.00	0.00	0.00	
18392.75	90.370	179.628	9576.41	5910.41	8697.80	- 8689.06	1367.50	832786.21	573096.01	32°34'18.9646" N	103°23'14.0575" W	8796.02	171.056	0.00	0.00	0.00	
18492.75	90.370	179.628	9575.77	5909.77	8797.80	- 8789.06	1368.15	832786.86	572996.01	32°34'17.9752" N	103°23'14.0603" W	8894.91	171.152	0.00	0.00	0.00	
18592.75	90.370	179.628	9575.12	5909.12	8897.80	- 8889.06	1368.80	832787.51	572896.01	32°34'16.9857" N	103°23'14.0631" W	8993.83	171.246	0.00	0.00	0.00	
18692.75	90.370	179.628	9574.47	5908.47	8997.80	- 8989.05	1369.45	832788.16	572796.02	32°34'15.9963" N	103°23'14.0659" W	9092.77	171.338	0.00	0.00	0.00	
18792.75	90.370	179.628	9573.83	5907.83	9097.80	- 9089.05	1370.10	832788.81	572696.02	32°34'15.0069" N	103°23'14.0687" W	9191.73	171.428	0.00	0.00	0.00	
18892.75	90.370	179.628	9573.18	5907.18	9197.79	- 9189.04	1370.75	832789.46	572596.03	32°34'14.0174" N	103°23'14.0715" W	9290.72	171.516	0.00	0.00	0.00	
18992.75	90.370	179.628	9572.54	5906.54	9297.79	- 9289.04	1371.40	832790.10	572496.03	32°34'13.0280" N	103°23'14.0743" W	9389.73	171.602	0.00	0.00	0.00	
19092.75	90.370	179.628	9571.89	5905.89	9397.79	- 9389.03	1372.05	832790.75	572396.03	32°34'12.0385" N	103°23'14.0771" W	9488.76	171.686	0.00	0.00	0.00	
19192.75	90.370	179.628	9571.25	5905.25	9497.79	- 9489.03	1372.70	832791.40	572296.04	32°34'11.0491" N	103°23'14.0799" W	9587.80	171.769	0.00	0.00	0.00	
19292.75	90.370	179.628	9570.60	5904.60	9597.79	- 9589.03	1373.35	832792.05	572196.04	32°34'10.0597" N	103°23'14.0827" W	9686.87	171.849	0.00	0.00	0.00	
19392.75	90.370	179.628	9569.96	5903.96	9697.78	- 9689.02	1374.00	832792.70	572096.04	32°34'9.0702" N	103°23'14.0855" W	9785.96	171.929	0.00	0.00	0.00	
19492.75	90.370	179.628	9569.31	5903.31	9797.78	- 9789.02	1374.65	832793.35	571996.05	32°34'8.0808" N	103°23'14.0883" W	9885.07	172.006	0.00	0.00	0.00	
19592.75	90.370	179.628	9568.66	5902.66	9897.78	- 9889.01	1375.30	832794.00	571896.05	32°34'7.0914" N	103°23'14.0911" W	9984.19	172.082	0.00	0.00	0.00	
19692.75	90.370	179.628	9568.02	5902.02	9997.78	- 9989.01	1375.95	832794.65	571796.06	32°34'6.1019" N	103°23'14.0939" W	10083.33	172.157	0.00	0.00	0.00	
19792.75	90.370	179.628	9567.37	5901.37	10097.78	- 10089.00	1376.60	832795.30	571696.06	32°34'5.1125" N	103°23'14.0967" W	10182.49	172.230	0.00	0.00	0.00	
19892.75	90.370	179.628	9566.73	5900.73	10197.77	- 10189.00	1377.25	832795.95	571596.06	32°34'4.1231" N	103°23'14.0995" W	10281.66	172.302	0.00	0.00	0.00	
19992.75	90.370	179.628	9566.08	5900.08	10297.77	- 10289.00	1377.90	832796.60	571496.07	32°34'3.1336" N	103°23'14.1023" W	10380.85	172.372	0.00	0.00	0.00	
20092.7	90.370	179.62	9565.4	5899.44	10397.7	-	1378.5	832797.2	571396.0	32°34'2.1442" N	103°23'14.1051" W	10480.05	172.441	0.00	0.00	0.00	



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 13 of 14



REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Well	Goat Rope 7/18 State Com 527H
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)	UWI	30-025-53332
Facility	Goat Rope 7/18 State Com Pad	Wellbore	Goat Rope 7/18 State Com 527H
Slot	Goat Rope 7/18 State Com 527H		

WELLPATH DATA (224 stations) †= interpolated, ‡= extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5		8	4		7	10388.99	4	5	7	N	W						
20192.75	90.370	179.628	9564.79	5898.79	10497.77	10488.99	1379.19	832797.90	571296.08	32°34'1.1548" N	103°23'14.1079" W	10579.27	172.509	0.00	0.00	0.00	
20292.75	90.370	179.628	9564.14	5898.14	10597.77	10588.98	1379.84	832798.55	571196.08	32°34'0.1653" N	103°23'14.1107" W	10678.51	172.576	0.00	0.00	0.00	
20392.75	90.370	179.628	9563.50	5897.50	10697.76	10688.98	1380.49	832799.20	571096.08	32°33'59.1759" N	103°23'14.1135" W	10777.76	172.641	0.00	0.00	0.00	
20470.04	90.370	179.628	9563.00	5897.00	10775.05	10766.26	1381.00	832799.70	571018.80	32°33'58.4112" N	103°23'14.1157" W	10854.47	172.691	0.00	0.00	0.00	TD/PBHL (100' FSL/660' FEL)

HOLE & CASING - Ref Wellbore: Goat Rope 7/18 State Com 527H Ref Wellpath: Goat Rope 7/18 State Com 527H Rev-A.0

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13 3/8in Casing Intermediate	28.00	1905.00	1877.00	28.00	1905.00	0.00	0.00	0.00	0.00

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
2) Goat Rope 7/18 State Com 527H - BHL	20470.04	9563.00	-10766.26	1381.00	832799.70	571018.80	32°33'58.4112"N	103°23'14.1157"W	point
1) Goat Rope 7/18 State Com 527H - LP	10092.75	9630.00	-389.41	1313.59	832732.30	581395.69	32°35'41.0876"N	103°23'13.8249"W	point



Planned Wellpath Report

Goat Rope 7/18 State Com 527H Rev-A.0

Page 14 of 14



REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Well	Goat Rope 7/18 State Com 527H
Field	Featherstone; Bone Spring; East (Lea County, NM/NAD83/Grid)	UWI	30-025-53332
Facility	Goat Rope 7/18 State Com Pad	Wellbore	Goat Rope 7/18 State Com 527H
Slot	Goat Rope 7/18 State Com 527H		

SURVEY PROGRAM SPECIFICATION - Ref Wellbore: Goat Rope 7/18 State Com 527H Ref Wellpath:Goat Rope 7/18 State Com 527H Rev-A.0										
Sec. Num	Sec. Size [in]	Course Len. [ft]	Positional Uncertainty Model	Start MD [ft]	End MD [ft]	Override Prev.	Override Start MD [ft]	Override End MD [ft]	Log Name / Comment	Wellbore
1	10 3/8	100.00	OWSG MWD rev2 - Standard	28.00	1905.00	No			Surface	Goat Rope 7/18 State Com 527H
2	8 3/4	100.00	OWSG MWD rev2 - Standard	1905.00	9189.05	No			Intermediate	Goat Rope 7/18 State Com 527H
3	6 1/8	100.00	OWSG MWD rev2 - Standard	9189.05	10092.75	No			Curve	Goat Rope 7/18 State Com 527H
4	6 1/8	100.00	OWSG MWD rev2 - Standard	10092.75	20470.04	No			Lateral	Goat Rope 7/18 State Com 527H

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/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 498304

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 498304
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Any previous COA's not addressed within the updated COA's still apply.	8/25/2025