

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

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 Franklin Mountain Energy, LLC 44 Cook Street, Suite 1000 Denver, CO 80206		² OGRID Number 373910
		³ Reason for Filing Code/ Effective Date NW – New Well
⁴ API Number 30 – 025-46505	⁵ Pool Name WC-025 G-09 S253502B; LWR BONE SPRING	⁶ Pool Code 98185
⁷ Property Code 326324	⁸ Property Name PARADE STATE COM	⁹ Well Number 603H

II. ¹⁰ Surface Location

UL or lot no. B	Section 2	Township 25S	Range 35E	Lot Idn 2	Feet from the 675	North/South Line FNL	Feet from the 2624	East/West line FEL	County Lea
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¹¹ Bottom Hole Location

UL or lot no. O	Section 11	Township 25S	Range 35E	Lot Idn	Feet from the 149	North/South line FSL	Feet from the 2235	East/West line FEL	County Lea
¹² Lse Code S & F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/14/2021	¹⁵ C-129 Permit Number N/A	¹⁶ C-129 Effective Date N/A	¹⁷ C-129 Expiration Date N/A				

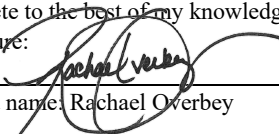
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	SHELL TRADING US COMPANY 1000 Main, 12th Floor, Houston, TX 77002	O
371960	LUCID ENERGY DELAWARE, LLC 3100 McKinnon St, Suite 800 Dallas, Texas 75201	G

IV. Well Completion Data

²¹ Spud Date 1/16/2021	²² Ready Date 8/9/2021	²³ TD 21,889'	²⁴ PBTD 21,748'	²⁵ Perforations 12,275' - 21,608'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1,300'	1230		
12 1/4"	9 5/8"	5,417'	3210		
8 3/4"	7 5/8"	12,018'	790		
6 3/4"	5 1/2"	21,845'	898		

V. Well Test Data

³¹ Date New Oil 8/14/2021	³² Gas Delivery Date 8/14/2021	³³ Test Date 9/2/2021	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1834
³⁷ Choke Size 34/64	³⁸ Oil 2262	³⁹ Water 3371	⁴⁰ Gas 2387		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: Rachael Overbey			Approved by: PATRICIA MARTINEZ		
Title: Director, Ops Planning & Regulatory			Title: PETROLEUM SPECIALIST		
E-mail Address: roverbey@femllc.com			Approval Date: 6/10/2022		
Date: 2/1/2022		Phone: 303-570-4057			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46505		² Pool Code 98185		³ Pool Name WC-025 G-09 S253502B; LWR BONE SPRING	
⁴ Property Code 326234		⁵ Property Name PARADE STATE COM			⁶ Well Number 603H
⁷ OGRID No. 373910		⁸ Operator Name FRANKLIN MOUNTAIN ENERGY LLC			⁹ Elevation 3246.1'

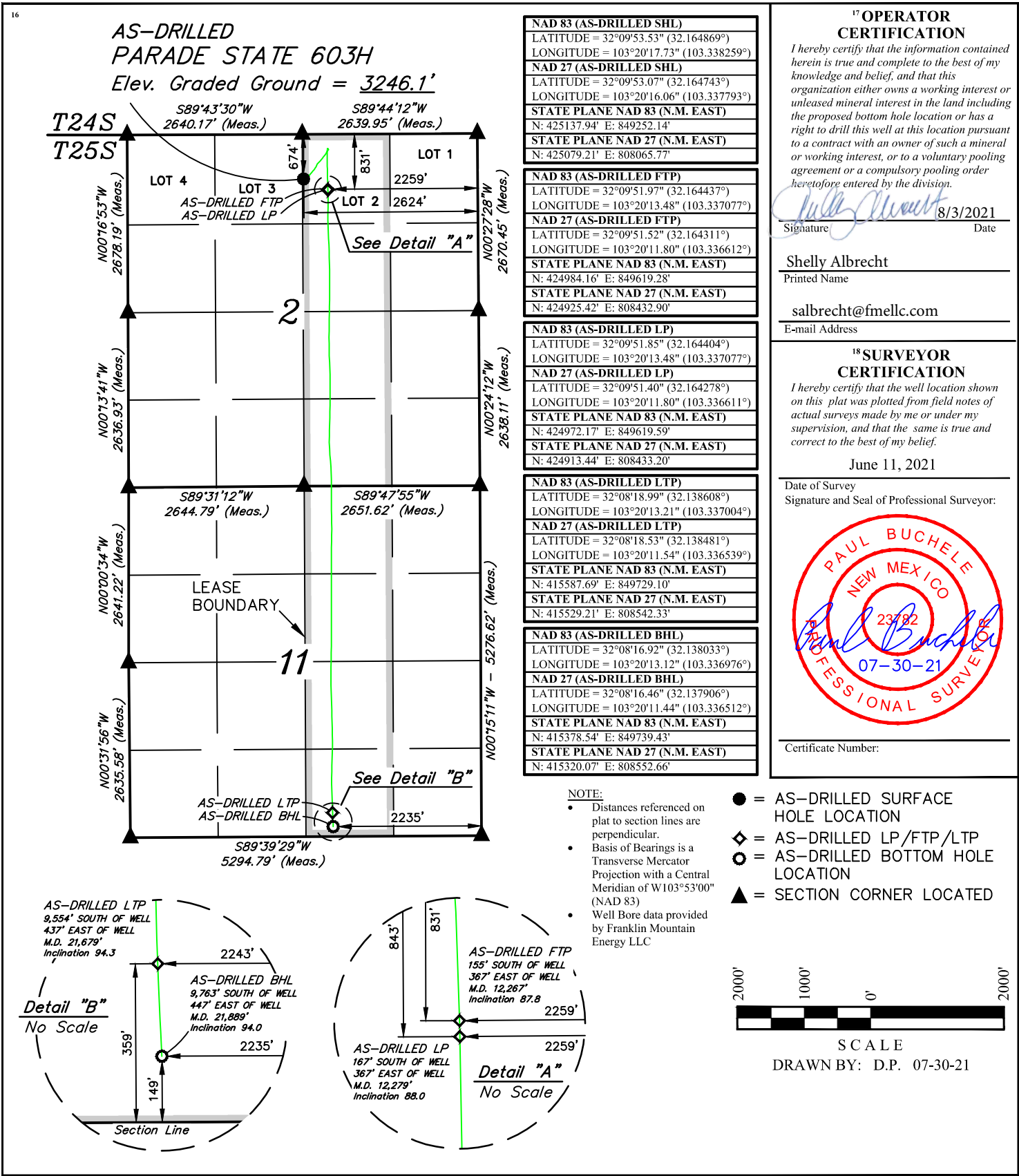
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	2	25S	35E		674	NORTH	2624	EAST	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
O	11	25S	35E		149	SOUTH	2235	EAST	LEA
¹² Dedicated Acres 320.85		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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





Franklin Mountain Energy

Lea County, NM (NAD83)
Blue Ribbon/Parade State
Parade State 603H

OH

Design: OH

Standard Survey Report

23 February, 2021





Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Parade State 603H
Project:	Lea County, NM (NAD83)	TVD Reference:	3244' GE + 30' KB @ 3274.00usft
Site:	Blue Ribbon/Parade State	MD Reference:	3244' GE + 30' KB @ 3274.00usft
Well:	Parade State 603H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Project	Lea County, NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Blue Ribbon/Parade State			
Site Position:		Northing:	425,136.81 usft	Latitude:	32.164867
From:	Map	Easting:	849,217.25 usft	Longitude:	-103.338372
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.53 °

Well		Parade State 603H				
Well Position	+N/-S	0.00 usft	Northing:	425,137.12 usft	Latitude:	32.164867
	+E/-W	0.00 usft	Easting:	849,252.24 usft	Longitude:	-103.338259
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,244.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	1/16/2021	6.48	59.90	47,526.54572162

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.50	

Survey Program	Date	2/23/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
61.00	21,834.00	Survey #1 - MWD (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
21,886.00	21,889.00	Survey #2 - Proj to TD (OH)	BLIND	OWSG BLIND	

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
SHL (Parade State 603H)									
61.00	0.20	57.52	61.00	0.06	0.09	-0.06	0.33	0.33	0.00
90.00	0.30	357.52	90.00	0.16	0.13	-0.16	0.91	0.34	-206.90
122.00	0.40	62.52	122.00	0.30	0.22	-0.29	1.20	0.31	203.13
150.00	0.30	181.52	150.00	0.27	0.31	-0.26	2.16	-0.36	425.00
179.00	0.10	49.52	179.00	0.21	0.33	-0.20	1.29	-0.69	-455.17
208.00	0.10	186.52	208.00	0.20	0.34	-0.20	0.64	0.00	472.41
238.00	0.60	190.52	238.00	0.02	0.31	-0.02	1.67	1.67	13.33
270.00	0.50	160.52	270.00	-0.28	0.33	0.28	0.94	-0.31	-93.75



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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
301.00	1.00	155.52	300.99	-0.65	0.48	0.66	1.63	1.61	-16.13
333.00	0.50	164.52	332.99	-1.04	0.64	1.05	1.60	-1.56	28.13
364.00	0.70	189.52	363.99	-1.36	0.64	1.36	1.05	0.65	80.65
395.00	0.90	198.52	394.99	-1.77	0.53	1.78	0.76	0.65	29.03
427.00	0.90	190.52	426.98	-2.26	0.41	2.26	0.39	0.00	-25.00
490.00	1.20	190.52	489.97	-3.40	0.20	3.40	0.48	0.48	0.00
521.00	1.30	176.52	520.96	-4.07	0.16	4.07	1.03	0.32	-45.16
553.00	1.00	170.52	552.96	-4.70	0.23	4.71	1.01	-0.94	-18.75
584.00	1.30	157.52	583.95	-5.29	0.41	5.30	1.28	0.97	-41.94
615.00	1.30	162.52	614.94	-5.96	0.65	5.96	0.37	0.00	16.13
647.00	1.30	166.52	646.94	-6.65	0.84	6.66	0.28	0.00	12.50
678.00	1.10	177.52	677.93	-7.29	0.93	7.30	0.98	-0.65	35.48
710.00	1.30	180.52	709.92	-7.96	0.94	7.97	0.65	0.63	9.38
741.00	1.60	175.52	740.91	-8.75	0.98	8.75	1.05	0.97	-16.13
773.00	1.60	185.52	772.90	-9.64	0.97	9.64	0.87	0.00	31.25
804.00	1.50	176.52	803.89	-10.47	0.95	10.48	0.85	-0.32	-29.03
836.00	1.30	167.52	835.88	-11.25	1.05	11.25	0.93	-0.63	-28.13
867.00	1.40	177.52	866.87	-11.97	1.15	11.98	0.82	0.32	32.26
898.00	1.00	167.52	897.86	-12.61	1.22	12.62	1.45	-1.29	-32.26
930.00	1.00	186.52	929.86	-13.16	1.25	13.17	1.03	0.00	59.38
961.00	1.10	170.52	960.85	-13.72	1.27	13.73	1.00	0.32	-51.61
993.00	1.40	161.52	992.85	-14.40	1.44	14.41	1.12	0.94	-28.13
1,024.00	1.30	144.52	1,023.84	-15.04	1.77	15.06	1.33	-0.32	-54.84
1,056.00	1.50	178.52	1,055.83	-15.76	1.99	15.77	2.63	0.63	106.25
1,087.00	1.00	164.52	1,086.82	-16.42	2.07	16.44	1.88	-1.61	-45.16
1,119.00	1.30	172.52	1,118.81	-17.05	2.19	17.07	1.06	0.94	25.00
1,150.00	1.20	185.52	1,149.81	-17.72	2.21	17.74	0.97	-0.32	41.94
1,182.00	1.10	173.52	1,181.80	-18.36	2.21	18.38	0.81	-0.31	-37.50
1,213.00	1.00	166.52	1,212.80	-18.92	2.31	18.94	0.52	-0.32	-22.58
1,245.00	0.80	196.52	1,244.79	-19.41	2.31	19.42	1.58	-0.63	93.75
1,259.00	0.80	204.52	1,258.79	-19.59	2.24	19.61	0.80	0.00	57.14
1,328.00	0.90	194.70	1,327.78	-20.55	1.90	20.57	0.26	0.14	-14.23
1,422.00	0.70	183.70	1,421.77	-21.84	1.68	21.85	0.27	-0.21	-11.70
1,516.00	0.70	189.90	1,515.77	-22.98	1.54	22.99	0.08	0.00	6.60
1,610.00	0.70	191.10	1,609.76	-24.11	1.33	24.12	0.02	0.00	1.28
1,704.00	0.60	186.90	1,703.75	-25.16	1.16	25.17	0.12	-0.11	-4.47
1,798.00	0.50	177.50	1,797.75	-26.06	1.12	26.06	0.14	-0.11	-10.00
1,893.00	0.40	183.00	1,892.75	-26.80	1.12	26.81	0.11	-0.11	5.79
1,987.00	0.30	137.00	1,986.74	-27.31	1.27	27.32	0.31	-0.11	-48.94
2,082.00	0.20	133.80	2,081.74	-27.61	1.56	27.62	0.11	-0.11	-3.37
2,176.00	0.20	70.40	2,175.74	-27.66	1.84	27.68	0.22	0.00	-67.45
2,270.00	0.10	80.40	2,269.74	-27.60	2.07	27.61	0.11	-0.11	10.64
2,365.00	0.30	28.50	2,364.74	-27.36	2.27	27.38	0.26	0.21	-54.63



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Parade State 603H
Project:	Lea County, NM (NAD83)	TVD Reference:	3244' GE + 30' KB @ 3274.00usft
Site:	Blue Ribbon/Parade State	MD Reference:	3244' GE + 30' KB @ 3274.00usft
Well:	Parade State 603H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)	
2,459.00	0.50	34.80	2,458.74	-26.81	2.62	26.83	0.22	0.21	6.70	
2,553.00	0.30	24.30	2,552.74	-26.25	2.96	26.27	0.23	-0.21	-11.17	
2,648.00	0.30	31.80	2,647.74	-25.81	3.19	25.84	0.04	0.00	7.89	
2,742.00	2.10	47.90	2,741.71	-24.45	4.60	24.49	1.93	1.91	17.13	
2,836.00	5.20	48.00	2,835.51	-20.44	9.04	20.52	3.30	3.30	0.11	
2,931.00	7.40	48.10	2,929.93	-13.47	16.80	13.62	2.32	2.32	0.11	
3,025.00	7.70	49.50	3,023.12	-5.34	26.09	5.57	0.37	0.32	1.49	
3,119.00	7.60	45.20	3,116.28	3.13	35.29	-2.82	0.62	-0.11	-4.57	
3,214.00	8.30	46.90	3,210.37	12.24	44.76	-11.85	0.78	0.74	1.79	
3,308.00	8.90	49.30	3,303.31	21.62	55.22	-21.14	0.74	0.64	2.55	
3,402.00	9.10	45.30	3,396.15	31.59	66.02	-31.01	0.70	0.21	-4.26	
3,497.00	8.30	42.10	3,490.06	41.96	75.96	-41.30	0.98	-0.84	-3.37	
3,591.00	7.40	36.20	3,583.18	51.88	84.08	-51.14	1.28	-0.96	-6.28	
3,686.00	6.90	31.00	3,677.44	61.71	90.63	-60.92	0.86	-0.53	-5.47	
3,780.00	6.90	36.10	3,770.76	71.11	96.87	-70.26	0.65	0.00	5.43	
3,874.00	6.40	39.60	3,864.13	79.71	103.53	-78.80	0.68	-0.53	3.72	
3,969.00	6.20	43.10	3,958.56	87.54	110.41	-86.57	0.46	-0.21	3.68	
4,062.00	6.00	43.90	4,051.03	94.70	117.22	-93.68	0.23	-0.22	0.86	
4,157.00	6.50	40.80	4,145.46	102.35	124.17	-101.27	0.63	0.53	-3.26	
4,252.00	6.30	39.70	4,239.87	110.43	131.02	-109.29	0.25	-0.21	-1.16	
4,346.00	6.30	40.40	4,333.30	118.33	137.65	-117.12	0.08	0.00	0.74	
4,440.00	6.40	40.80	4,426.73	126.22	144.42	-124.96	0.12	0.11	0.43	
4,535.00	5.90	40.90	4,521.18	133.92	151.08	-132.60	0.53	-0.53	0.11	
4,630.00	5.70	41.00	4,615.69	141.17	157.37	-139.79	0.21	-0.21	0.11	
4,724.00	6.20	37.70	4,709.19	148.71	163.53	-147.28	0.64	0.53	-3.51	
4,819.00	6.30	33.70	4,803.62	157.11	169.56	-155.62	0.47	0.11	-4.21	
4,913.00	5.50	32.80	4,897.12	165.19	174.87	-163.65	0.86	-0.85	-0.96	
5,007.00	4.90	34.40	4,990.74	172.28	179.57	-170.71	0.66	-0.64	1.70	
5,102.00	4.60	28.90	5,085.41	178.97	183.71	-177.36	0.57	-0.32	-5.79	
5,196.00	4.30	23.60	5,179.13	185.50	186.94	-183.86	0.54	-0.32	-5.64	
5,291.00	4.10	22.90	5,273.87	191.89	189.69	-190.23	0.22	-0.21	-0.74	
5,372.00	3.80	22.50	5,354.68	197.04	191.84	-195.35	0.37	-0.37	-0.49	
5,483.00	3.38	18.61	5,465.46	203.53	194.29	-201.83	0.44	-0.38	-3.50	
5,577.00	5.19	24.32	5,559.20	210.04	196.93	-208.31	1.98	1.93	6.07	
5,671.00	7.21	28.63	5,652.64	219.09	201.51	-217.32	2.20	2.15	4.59	
5,765.00	9.63	36.80	5,745.63	230.56	209.04	-228.73	2.87	2.57	8.69	
5,860.00	11.69	44.45	5,838.99	243.80	220.54	-241.87	2.63	2.17	8.05	
5,954.00	12.88	47.17	5,930.83	257.72	234.90	-255.66	1.41	1.27	2.89	
6,049.00	13.71	41.63	6,023.29	273.33	250.14	-271.14	1.60	0.87	-5.83	
6,143.00	14.46	38.65	6,114.46	290.83	264.87	-288.50	1.11	0.80	-3.17	
6,237.00	15.08	38.29	6,205.36	309.59	279.78	-307.14	0.67	0.66	-0.38	
6,331.00	15.78	37.59	6,295.97	329.32	295.15	-326.73	0.77	0.74	-0.74	
6,426.00	16.35	37.77	6,387.26	350.12	311.22	-347.39	0.60	0.60	0.19	



Total Directional Services

Survey Report



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6,520.00	15.91	33.20	6,477.56	371.36	326.38	-368.50	1.43	-0.47	-4.86	
6,614.00	14.46	29.77	6,568.28	392.33	339.27	-389.36	1.81	-1.54	-3.65	
6,709.00	11.38	27.83	6,660.86	410.92	349.53	-407.85	3.27	-3.24	-2.04	
6,803.00	8.48	28.19	6,753.45	425.23	357.14	-422.10	3.09	-3.09	0.38	
6,897.00	6.20	26.96	6,846.67	435.87	362.71	-432.69	2.43	-2.43	-1.31	
6,991.00	4.09	25.37	6,940.29	443.42	366.45	-440.21	2.25	-2.24	-1.69	
7,086.00	2.29	21.68	7,035.13	448.25	368.61	-445.01	1.91	-1.89	-3.88	
7,180.00	0.92	344.50	7,129.10	450.72	369.10	-447.48	1.76	-1.46	-39.55	
7,275.00	0.97	331.58	7,224.08	452.16	368.51	-448.93	0.23	0.05	-13.60	
7,369.00	1.05	335.45	7,318.07	453.64	367.77	-450.42	0.11	0.09	4.12	
7,463.00	0.70	298.01	7,412.06	454.70	366.91	-451.48	0.69	-0.37	-39.83	
7,558.00	0.84	289.66	7,507.05	455.20	365.74	-451.99	0.19	0.15	-8.79	
7,652.00	0.84	302.93	7,601.04	455.81	364.51	-452.61	0.21	0.00	14.12	
7,747.00	0.70	303.99	7,696.03	456.51	363.45	-453.32	0.15	-0.15	1.12	
7,841.00	0.84	310.32	7,790.02	457.28	362.45	-454.10	0.17	0.15	6.73	
7,935.00	0.84	298.71	7,884.01	458.06	361.32	-454.89	0.18	0.00	-12.35	
8,030.00	0.79	291.77	7,979.00	458.63	360.10	-455.47	0.12	-0.05	-7.31	
8,125.00	0.75	295.99	8,074.00	459.15	358.93	-456.00	0.07	-0.04	4.44	
8,220.00	0.57	289.75	8,168.99	459.58	357.93	-456.44	0.20	-0.19	-6.57	
8,314.00	0.40	275.51	8,262.99	459.77	357.16	-456.64	0.22	-0.18	-15.15	
8,409.00	0.40	282.28	8,357.98	459.87	356.51	-456.75	0.05	0.00	7.13	
8,503.00	0.35	245.45	8,451.98	459.82	355.93	-456.70	0.26	-0.05	-39.18	
8,597.00	0.79	119.24	8,545.98	459.39	356.23	-456.26	1.10	0.47	-134.27	
8,691.00	1.23	115.55	8,639.96	458.64	357.71	-455.50	0.47	0.47	-3.93	
8,786.00	1.36	116.52	8,734.94	457.69	359.63	-454.54	0.14	0.14	1.02	
8,880.00	1.58	126.10	8,828.91	456.43	361.68	-453.26	0.35	0.23	10.19	
8,974.00	1.63	134.53	8,922.87	454.73	363.68	-451.54	0.26	0.05	8.97	
9,068.00	1.45	147.19	9,016.84	452.79	365.28	-449.59	0.41	-0.19	13.47	
9,163.00	1.49	163.89	9,111.81	450.60	366.27	-447.38	0.45	0.04	17.58	
9,257.00	1.76	167.23	9,205.77	448.01	366.93	-444.80	0.30	0.29	3.55	
9,351.00	1.89	176.63	9,299.72	445.06	367.34	-441.84	0.35	0.14	10.00	
9,446.00	0.92	174.08	9,394.69	442.74	367.51	-439.51	1.02	-1.02	-2.68	
9,540.00	0.53	184.81	9,488.68	441.55	367.55	-438.33	0.44	-0.41	11.41	
9,635.00	0.92	29.42	9,583.68	441.78	367.89	-438.55	1.49	0.41	-163.57	
9,729.00	1.27	30.47	9,677.66	443.33	368.79	-440.10	0.37	0.37	1.12	
9,824.00	1.14	50.51	9,772.64	444.84	370.05	-441.60	0.46	-0.14	21.09	
9,918.00	0.35	116.78	9,866.64	445.31	371.03	-442.05	1.12	-0.84	70.50	
10,012.00	1.36	168.64	9,960.63	444.09	371.51	-440.83	1.25	1.07	55.17	
10,106.00	1.67	174.35	10,054.59	441.63	371.86	-438.37	0.37	0.33	6.07	
10,200.00	0.40	170.39	10,148.58	439.94	372.05	-436.68	1.35	-1.35	-4.21	
10,295.00	1.63	347.49	10,243.56	440.93	371.81	-437.67	2.14	1.29	186.42	
10,389.00	1.41	348.99	10,337.53	443.37	371.30	-440.12	0.24	-0.23	1.60	
10,484.00	1.23	343.10	10,432.51	445.50	370.78	-442.25	0.24	-0.19	-6.20	
10,578.00	1.19	332.11	10,526.49	447.33	370.03	-444.08	0.25	-0.04	-11.69	



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Parade State 603H
Project:	Lea County, NM (NAD83)	TVD Reference:	3244' GE + 30' KB @ 3274.00usft
Site:	Blue Ribbon/Parade State	MD Reference:	3244' GE + 30' KB @ 3274.00usft
Well:	Parade State 603H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
10,673.00	0.79	316.91	10,621.47	448.68	369.12	-445.44	0.50	-0.42	-16.00
10,767.00	0.75	314.01	10,715.46	449.58	368.24	-446.35	0.06	-0.04	-3.09
10,861.00	1.10	306.98	10,809.45	450.55	367.07	-447.33	0.39	0.37	-7.48
10,955.00	1.41	299.68	10,903.43	451.66	365.35	-448.46	0.37	0.33	-7.77
11,049.00	1.27	301.70	10,997.40	452.78	363.46	-449.59	0.16	-0.15	2.15
11,143.00	1.36	309.79	11,091.38	454.04	361.71	-450.87	0.22	0.10	8.61
11,237.00	1.27	292.65	11,185.35	455.16	359.90	-452.00	0.43	-0.10	-18.23
11,331.00	5.49	198.87	11,279.20	451.30	357.48	-448.16	6.08	4.49	-99.77
11,378.00	11.65	188.67	11,325.66	444.48	356.03	-441.35	13.45	13.11	-21.70
11,425.00	15.12	181.29	11,371.38	433.65	355.18	-430.54	8.21	7.38	-15.70
11,472.00	17.76	181.12	11,416.45	420.36	354.90	-417.24	5.62	5.62	-0.36
11,520.00	19.25	182.87	11,461.97	405.13	354.36	-402.02	3.31	3.10	3.65
11,567.00	21.19	183.66	11,506.07	388.92	353.43	-385.82	4.17	4.13	1.68
11,614.00	26.07	180.59	11,549.12	370.10	352.78	-367.01	10.70	10.38	-6.53
11,661.00	30.73	175.58	11,590.46	347.78	353.60	-344.69	11.13	9.91	-10.66
11,708.00	35.38	177.78	11,629.84	322.20	355.06	-319.09	10.22	9.89	4.68
11,755.00	40.09	180.59	11,667.00	293.45	355.43	-290.34	10.67	10.02	5.98
11,803.00	45.23	180.94	11,702.29	260.94	354.99	-257.83	10.72	10.71	0.73
11,850.00	48.13	178.13	11,734.54	226.76	355.29	-223.65	7.55	6.17	-5.98
11,897.00	50.86	179.18	11,765.06	191.04	356.12	-187.92	6.05	5.81	2.23
11,944.00	56.48	179.53	11,792.89	153.19	356.54	-150.07	11.97	11.96	0.74
11,992.00	62.86	179.45	11,817.12	111.78	356.91	-108.66	13.29	13.29	-0.17
12,039.00	68.66	179.09	11,836.41	68.95	357.46	-65.83	12.36	12.34	-0.77
12,086.00	73.27	177.78	11,851.73	24.55	358.68	-21.42	10.16	9.81	-2.79
12,133.00	78.24	176.37	11,863.30	-20.93	361.01	24.08	10.97	10.57	-3.00
12,185.00	82.95	176.99	11,871.79	-72.13	363.98	75.31	9.13	9.06	1.19
12,269.00	87.91	178.57	11,878.48	-155.77	367.22	158.97	6.20	5.90	1.88
12,279.00	88.01	178.60	11,878.84	-165.77	367.46	168.97	1.00	0.96	0.28
LP (Parade State 603H)									
12,361.00	88.79	178.83	11,881.13	-247.71	369.30	250.92	1.00	0.96	0.28
12,452.00	87.96	179.97	11,883.71	-338.67	370.26	341.89	1.55	-0.91	1.25
12,546.00	86.59	180.50	11,888.18	-432.56	369.87	435.77	1.56	-1.46	0.56
12,639.00	87.25	180.76	11,893.18	-525.42	368.85	528.62	0.76	0.71	0.28
12,732.00	86.77	179.71	11,898.03	-618.29	368.47	621.48	1.24	-0.52	-1.13
12,826.00	86.73	177.60	11,903.36	-712.11	370.67	715.31	2.24	-0.04	-2.24
12,919.00	86.90	176.90	11,908.53	-804.85	375.13	808.10	0.77	0.18	-0.75
13,012.00	86.42	176.46	11,913.94	-897.54	380.50	900.83	0.70	-0.52	-0.47
13,103.00	88.09	177.69	11,918.30	-988.31	385.14	991.64	2.28	1.84	1.35
13,197.00	90.68	178.04	11,919.31	-1,082.23	388.64	1,085.58	2.78	2.76	0.37
13,289.00	91.65	178.04	11,917.44	-1,174.16	391.79	1,177.53	1.05	1.05	0.00
13,383.00	92.00	177.51	11,914.45	-1,268.04	395.43	1,271.44	0.68	0.37	-0.56
13,411.71	91.90	178.41	11,913.47	-1,296.72	396.46	1,300.13	3.13	-0.33	3.12
TGT 1 (Parade State 603H)									



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Parade State 603H
Project:	Lea County, NM (NAD83)	TVD Reference:	3244' GE + 30' KB @ 3274.00usft
Site:	Blue Ribbon/Parade State	MD Reference:	3244' GE + 30' KB @ 3274.00usft
Well:	Parade State 603H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
13,476.00	91.69	180.41	11,911.45	-1,360.97	397.12	1,364.38	3.13	-0.33	3.12
13,570.00	91.38	179.36	11,908.93	-1,454.93	397.31	1,458.34	1.16	-0.33	-1.12
13,664.00	92.44	179.09	11,905.80	-1,548.87	398.58	1,552.29	1.16	1.13	-0.29
13,756.00	94.11	179.09	11,900.55	-1,640.70	400.04	1,644.13	1.82	1.82	0.00
13,849.00	92.97	180.24	11,894.80	-1,733.52	400.58	1,736.95	1.74	-1.23	1.24
13,942.00	94.42	181.03	11,888.81	-1,826.32	399.55	1,829.74	1.77	1.56	0.85
14,035.00	92.26	180.76	11,883.39	-1,919.15	398.10	1,922.55	2.34	-2.32	-0.29
14,128.00	93.71	181.12	11,878.55	-2,012.00	396.58	2,015.39	1.61	1.56	0.39
14,221.00	91.60	180.41	11,874.24	-2,104.89	395.34	2,108.26	2.39	-2.27	-0.76
14,314.00	92.44	180.06	11,870.96	-2,197.83	394.96	2,201.19	0.98	0.90	-0.38
14,408.00	93.36	181.29	11,866.21	-2,291.70	393.85	2,295.05	1.63	0.98	1.31
14,502.00	90.73	179.18	11,862.85	-2,385.63	393.47	2,388.97	3.59	-2.80	-2.24
14,595.00	91.91	179.45	11,860.71	-2,478.59	394.58	2,481.94	1.30	1.27	0.29
14,689.00	93.01	180.15	11,856.68	-2,572.50	394.91	2,575.85	1.39	1.17	0.74
14,783.00	90.46	177.25	11,853.83	-2,666.42	397.04	2,669.78	4.11	-2.71	-3.09
14,876.00	91.30	176.72	11,852.40	-2,759.28	401.93	2,762.68	1.07	0.90	-0.57
14,969.00	90.59	176.63	11,850.87	-2,852.11	407.33	2,855.55	0.77	-0.76	-0.10
15,053.30	90.16	179.16	11,850.32	-2,936.34	410.42	2,939.81	3.04	-0.51	3.00
TGT 2 (Parade State 603H)									
15,063.00	90.11	179.45	11,850.29	-2,946.04	410.54	2,949.51	3.04	-0.51	3.00
15,156.00	91.25	180.15	11,849.19	-3,039.03	410.87	3,042.50	1.44	1.23	0.75
15,249.00	90.42	180.15	11,847.83	-3,132.02	410.62	3,135.49	0.89	-0.89	0.00
15,342.00	89.70	179.09	11,847.74	-3,225.02	411.24	3,228.48	1.38	-0.77	-1.14
15,435.00	91.25	179.53	11,846.97	-3,318.01	412.36	3,321.48	1.73	1.67	0.47
15,528.00	89.14	180.32	11,846.65	-3,411.00	412.48	3,414.47	2.42	-2.27	0.85
15,622.00	89.63	180.85	11,847.66	-3,504.99	411.52	3,508.45	0.77	0.52	0.56
15,715.00	90.64	181.12	11,847.44	-3,597.97	409.92	3,601.41	1.12	1.09	0.29
15,808.00	91.21	182.26	11,845.94	-3,690.92	407.18	3,694.33	1.37	0.61	1.23
15,901.00	91.16	180.50	11,844.01	-3,783.87	404.94	3,787.26	1.89	-0.05	-1.89
15,994.00	92.88	181.56	11,840.74	-3,876.79	403.27	3,880.16	2.17	1.85	1.14
16,087.00	91.38	178.39	11,837.28	-3,969.71	403.31	3,973.08	3.77	-1.61	-3.41
16,180.00	88.66	176.55	11,837.25	-4,062.61	407.42	4,066.01	3.53	-2.92	-1.98
16,274.00	89.23	175.05	11,838.98	-4,156.34	414.30	4,159.79	1.71	0.61	-1.60
16,367.00	89.67	175.14	11,839.87	-4,248.99	422.25	4,252.51	0.48	0.47	0.10
16,460.00	88.92	176.11	11,841.01	-4,341.71	429.35	4,345.29	1.32	-0.81	1.04
16,554.00	90.68	178.39	11,841.34	-4,435.59	433.85	4,439.21	3.06	1.87	2.43
16,647.00	92.92	178.48	11,838.42	-4,528.51	436.39	4,532.14	2.41	2.41	0.10
16,740.00	91.87	178.39	11,834.53	-4,621.39	438.93	4,625.04	1.13	-1.13	-0.10
16,745.33	91.78	178.50	11,834.37	-4,626.71	439.08	4,630.37	2.70	-1.64	2.15
S2/11 Crossing									
16,834.00	90.33	180.41	11,832.73	-4,715.36	439.91	4,719.02	2.70	-1.64	2.15
16,927.00	91.16	180.41	11,831.52	-4,808.35	439.25	4,812.00	0.89	0.89	0.00
17,020.00	89.71	180.06	11,830.81	-4,901.34	438.87	4,904.98	1.60	-1.56	-0.38
17,113.00	88.13	178.57	11,832.57	-4,994.31	439.98	4,997.96	2.33	-1.70	-1.60



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Parade State 603H
Project:	Lea County, NM (NAD83)	TVD Reference:	3244' GE + 30' KB @ 3274.00usft
Site:	Blue Ribbon/Parade State	MD Reference:	3244' GE + 30' KB @ 3274.00usft
Well:	Parade State 603H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)	
17,154.82	88.56	178.73	11,833.78	-5,036.11	440.97	5,039.76	1.10	1.03	0.37	
TGT 3 (Parade State 603H)										
17,207.00	89.10	178.92	11,834.84	-5,088.26	442.04	5,091.93	1.10	1.03	0.37	
17,300.00	86.42	178.57	11,838.47	-5,181.16	444.07	5,184.84	2.91	-2.88	-0.38	
17,393.00	87.43	179.09	11,843.46	-5,274.00	445.97	5,277.70	1.22	1.09	0.56	
17,486.00	87.96	181.64	11,847.20	-5,366.92	445.38	5,370.60	2.80	0.57	2.74	
17,579.00	84.75	180.50	11,853.12	-5,459.70	443.64	5,463.37	3.66	-3.45	-1.23	
17,673.00	84.92	180.24	11,861.58	-5,553.32	443.04	5,556.97	0.33	0.18	-0.28	
17,766.00	85.36	179.71	11,869.46	-5,645.98	443.08	5,649.63	0.74	0.47	-0.57	
17,859.00	86.68	179.71	11,875.91	-5,738.76	443.55	5,742.41	1.42	1.42	0.00	
17,952.00	88.53	179.71	11,879.80	-5,831.67	444.02	5,835.32	1.99	1.99	0.00	
18,045.00	86.55	180.15	11,883.79	-5,924.58	444.13	5,928.23	2.18	-2.13	0.47	
18,139.00	87.65	180.06	11,888.55	-6,018.46	443.96	6,022.10	1.17	1.17	-0.10	
18,232.00	89.27	178.89	11,891.05	-6,111.41	444.81	6,115.06	2.15	1.74	-1.26	
18,325.00	87.43	180.06	11,893.72	-6,204.37	445.66	6,208.02	2.34	-1.98	1.26	
18,419.00	89.05	180.32	11,896.61	-6,298.32	445.35	6,301.96	1.75	1.72	0.28	
18,512.00	86.42	180.24	11,900.29	-6,391.24	444.90	6,394.88	2.83	-2.83	-0.09	
18,605.00	84.57	179.53	11,907.59	-6,483.94	445.08	6,487.58	2.13	-1.99	-0.76	
18,698.00	85.36	179.89	11,915.75	-6,576.58	445.55	6,580.22	0.93	0.85	0.39	
18,792.00	87.34	180.32	11,921.74	-6,670.39	445.38	6,674.02	2.16	2.11	0.46	
18,886.00	85.67	179.18	11,927.47	-6,764.21	445.79	6,767.84	2.15	-1.78	-1.21	
18,979.00	87.43	179.09	11,933.06	-6,857.02	447.19	6,860.67	1.89	1.89	-0.10	
19,010.32	88.79	179.39	11,934.09	-6,888.32	447.61	6,891.96	4.45	4.34	0.95	
TGT 5 (Parade State 603H)										
19,072.00	91.47	179.97	11,933.95	-6,950.00	447.95	6,953.64	4.45	4.34	0.95	
19,166.00	90.20	180.85	11,932.58	-7,043.98	447.28	7,047.62	1.64	-1.35	0.94	
19,260.00	91.30	181.20	11,931.35	-7,137.96	445.60	7,141.57	1.23	1.17	0.37	
19,350.00	89.89	179.97	11,930.42	-7,227.94	444.68	7,231.55	2.08	-1.57	-1.37	
19,380.00	89.98	180.32	11,930.45	-7,257.94	444.60	7,261.55	1.20	0.30	1.17	
19,474.00	88.35	180.16	11,931.82	-7,351.93	444.21	7,355.53	1.74	-1.73	-0.17	
19,567.00	85.54	179.80	11,936.78	-7,444.79	444.24	7,448.38	3.05	-3.02	-0.39	
19,660.00	85.49	179.80	11,944.05	-7,537.50	444.56	7,541.09	0.05	-0.05	0.00	
19,753.00	84.09	179.18	11,952.50	-7,630.11	445.39	7,633.71	1.65	-1.51	-0.67	
19,847.00	85.32	178.04	11,961.17	-7,723.68	447.66	7,727.29	1.78	1.31	-1.21	
19,940.00	84.79	178.04	11,969.19	-7,816.28	450.83	7,819.91	0.57	-0.57	0.00	
20,034.00	87.16	177.07	11,975.79	-7,909.95	454.83	7,913.62	2.72	2.52	-1.03	
20,127.00	86.24	178.22	11,981.14	-8,002.72	458.65	8,006.42	1.58	-0.99	1.24	
20,220.00	83.52	179.45	11,989.44	-8,095.32	460.53	8,099.03	3.21	-2.92	1.32	
20,312.00	83.78	178.57	11,999.61	-8,186.74	462.11	8,190.46	0.99	0.28	-0.96	
20,405.00	85.76	177.34	12,008.09	-8,279.29	465.42	8,283.03	2.50	2.13	-1.32	
20,499.00	85.14	179.62	12,015.55	-8,372.95	467.90	8,376.71	2.51	-0.66	2.43	
20,592.00	86.24	178.66	12,022.54	-8,465.67	469.30	8,469.45	1.57	1.18	-1.03	
20,686.00	85.93	180.32	12,028.96	-8,559.45	470.13	8,563.22	1.79	-0.33	1.77	
20,778.00	85.01	181.91	12,036.22	-8,651.14	468.35	8,654.90	1.99	-1.00	1.73	



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Parade State 603H
Project:	Lea County, NM (NAD83)	TVD Reference:	3244' GE + 30' KB @ 3274.00usft
Site:	Blue Ribbon/Parade State	MD Reference:	3244' GE + 30' KB @ 3274.00usft
Well:	Parade State 603H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)	
20,871.00	86.02	180.94	12,043.50	-8,743.82	466.04	8,747.56	1.50	1.09	-1.04	
20,966.00	85.67	181.91	12,050.38	-8,838.54	463.69	8,842.25	1.08	-0.37	1.02	
21,017.33	86.37	181.52	12,053.94	-8,889.73	462.15	8,893.42	1.56	1.36	-0.76	
TGT 6 (Parade State 603H)										
21,060.00	86.95	181.20	12,056.43	-8,932.31	461.14	8,935.99	1.56	1.36	-0.75	
21,064.37	86.90	181.18	12,056.66	-8,936.67	461.05	8,940.35	1.13	-1.03	-0.47	
TGT 4 (Parade State 603H)										
21,154.00	85.98	180.76	12,062.22	-9,026.12	459.54	9,029.78	1.13	-1.03	-0.47	
21,247.00	87.47	179.01	12,067.54	-9,118.96	459.72	9,122.62	2.47	1.60	-1.88	
21,340.00	89.10	177.34	12,070.32	-9,211.86	462.68	9,215.55	2.51	1.75	-1.80	
21,434.00	91.43	176.28	12,069.89	-9,305.71	467.91	9,309.44	2.72	2.48	-1.13	
21,528.00	91.74	178.48	12,067.29	-9,399.57	472.21	9,403.33	2.36	0.33	2.34	
21,621.00	93.19	178.48	12,063.29	-9,492.45	474.67	9,496.23	1.56	1.56	0.00	
21,715.00	94.95	177.00	12,056.61	-9,586.13	478.37	9,589.94	2.44	1.87	-1.57	
21,808.00	94.29	177.16	12,049.12	-9,678.71	483.09	9,682.56	0.73	-0.71	0.17	
21,834.00	94.00	177.00	12,047.24	-9,704.61	484.41	9,708.46	1.27	-1.12	-0.62	
21,885.32	94.00	177.00	12,043.66	-9,755.74	487.09	9,759.61	0.00	0.00	0.00	
PBHL (Parade State 603H)										
21,889.00	94.00	177.00	12,043.41	-9,759.40	487.28	9,763.28	0.00	0.00	0.00	
BHL										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
16,745.33	11,834.37	-4,626.71	439.08	S2/11 Crossing	
21,889.00	12,043.41	-9,759.40	487.28	BHL	

Checked By: _____ Approved By: _____ Date: _____

Office
District I – (575) 393-6161
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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. 30-025-46505
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No. VB 2117
7. Lease Name or Unit Agreement Name PARADE STATE COM
8. Well Number 603H
9. OGRID Number 373910
10. Pool name or Wildcat WC-025 G-09 S253502B; LWR BONE SPRING

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 Franklin Mountain Energy LLC	
3. Address of Operator 44 Cook Street, Suite 1000, Denver, CO 80206	
4. Well Location	
Unit Letter <u>B</u> : <u>675</u> feet from the <u>NORTH</u> line and <u>2624</u> feet from the <u>EAST</u> line	
Section <u>2</u> Township <u>25S</u> Range <u>35E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3246	

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.

FRANKLIN MOUNTAIN ENERGY HAS COMPLETED THE FOLLOWING
7.19.2021 – 8.3.2021 PERF AND FRAC 1-42 STAGES PERFS 12,275' – 21,608'
FRAC WITH 500,471 BBL OF LIQUID AND 22,899,491 LBS OF PROPPANT
8.7.2021 – DRILL OUT PLUGS
8.14.2021 TURN OVER TO PRDUCTION FLOWING
TD 21,889' PBTD 21,748 SPUD DATE 1.16.2021

Spud Date: 1.16.2021

Rig Release Date: 3.8.2021

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

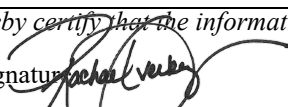
SIGNATURE  TITLE SENIOR OPERATIONS ANALYST DATE 4.13.2022

Type or print name Travis Biggart E-mail address: tbiggart@fmellc.com PHONE: 303.396.7515

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017												
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name PARADE STATE COM										
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								6. Well Number: 603H										
8. Name of Operator Franklin Mountain Energy LLC						9. OGRID 373910												
10. Address of Operator 44 Cook Street, Suite 1000, Denver, CO 80206						11. Pool name or Wildcat 98185 WC-025 G-09 S253502B; LWR BONE SPRING												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	B	2	25S	35E	2	675	N	2624	E	Lea								
BH:	O	11	25S	35E		149	S	2235	E	Lea								
13. Date Spudded 1/16/2021	14. Date T.D. Reached 2/17/2021		15. Date Rig Released 3/8/2021		16. Date Completed (Ready to Produce) 8/9/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3246										
18. Total Measured Depth of Well 21889			19. Plug Back Measured Depth 21748		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run Mud logs										
22. Producing Interval(s), of this completion - Top, Bottom, Name Lower Bone Spring 12,275' - 21,608'																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
13.375		54.5		1300		17.5		1230sx Class C										
9.625		40		5417		12.25		3210sx Class C										
7.625		29.7		12018		8.75		790sx Class C										
5.5		23		21845		6.75		898sx Class C										
24. LINER RECORD																		
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD											
							SIZE		DEPTH SET									
									PACKER SET									
26. Perforation record (interval, size, and number) 12,275' - 21,608' .42" hole size, 1238 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>12,275' - 21,608'</td> <td>Fresh Water (bbl) 500,471</td> </tr> <tr> <td></td> <td>Total Prop (lbs) 100M 22,899,491</td> </tr> <tr> <td></td> <td></td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	12,275' - 21,608'	Fresh Water (bbl) 500,471		Total Prop (lbs) 100M 22,899,491		
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
12,275' - 21,608'	Fresh Water (bbl) 500,471																	
	Total Prop (lbs) 100M 22,899,491																	
28. PRODUCTION																		
Date First Production 8/14/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod												
Date of Test 9/2/2021	Hours Tested 24	Choke Size 34/64	Prod'n For Test Period	Oil - Bbl 2262	Gas - MCF 2387	Water - Bbl. 3371	Gas - Oil Ratio 1.06											
Flow Tubing Press.	Casing Pressure 1834	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 40.17												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By										
31. List Attachments: Logs, Final Survey, Final Geo Prog, As-Drilled C-102																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								N/A										
33. Rig Release Date:																		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude Longitude NAD83																		
I 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 Rachael Overbey		Name		Title: Dir. Regulatory		Date 2/1/2022									
E-mail Address roverbey@fmellc.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. **Please see attached.**

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	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
			Please see attached reports

KB: 30' 13-3/8"
GL: 3,246' 54.5#
GL + KB: 3,276' J-55
1300'

9-5/8"
40#
L-80
5417'

7-5/8"
29.7#
HCP-110
12018'

5.5" 23#
P-110

Well Name: Parade State Com 603H
Pad Name: Carnival Mid
Latitude: 32.164867
Longitude: -103.338372
API 14: 30025465050000

Producing Interval: 12,275' - 21,608'

TMD: 21889'
Plug Back TMD: 21748'

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
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District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 106406

ACKNOWLEDGMENTS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 106406
	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.

District I
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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 106406

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 106406
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/10/2022