

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address 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 – 025-47889	⁵ Pool Name WC-025 G-09 S253502B; LWR BONE SPRING		⁶ Pool Code 98185
⁷ Property Code 329760	⁸ Property Name BEAUTY QUEEN FED COM		⁹ Well Number 604H

II. ¹⁰ Surface Location

UL or lot no. A	Section 2	Township 25S	Range 35E	Lot Idn 1	Feet from the 321	North/South Line FNL	Feet from the 1320	East/West line FEL	County Lea
--------------------	--------------	-----------------	--------------	--------------	----------------------	-------------------------	-----------------------	-----------------------	---------------

¹¹ Bottom Hole Location

UL or lot no. P	Section 11	Township 25S	Range 35E	Lot Idn	Feet from the 183	North/South line FSL	Feet from the 1070	East/West line FEL	County Lea
¹² Lse Code S & F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/16/2021	¹⁵ C-129 Permit Number N/A		¹⁶ C-129 Effective Date N/A		¹⁷ C-129 Expiration Date N/A		

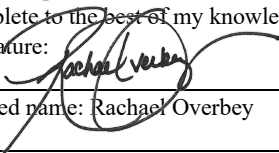
III. Oil and Gas Transporters

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 4/1/2021	²² Ready Date 8/6/2021	²³ TD 21,910'	²⁴ PBTD 21,780'	²⁵ Perforations 12,017' - 21,637'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2"		13 3/8"	1,308'		1260
12 1/4"		9 5/8"	5,062'		2397
8 3/4"		7 5/8"	12,197'		665
6 3/4"		5 1/2"	21,878'		905

V. Well Test Data

³¹ Date New Oil 8/16/2021	³² Gas Delivery Date 8/16/2021	³³ Test Date 9/2/2021	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2186
³⁷ Choke Size 35/64	³⁸ Oil 2445	³⁹ Water 3175	⁴⁰ Gas 2796		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: 6/9/2022		
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
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47889		² Pool Code 98185		³ Pool Name WC-025 G-09 S253502B; LWR BONE SPRING	
⁴ Property Code 329760		⁵ Property Name BEAUTY QUEEN FED COM			⁶ Well Number 604H
⁷ OGRID No. 373910		⁸ Operator Name FRANKLIN MOUNTAIN ENERGY LLC			⁹ Elevation 3259.0'

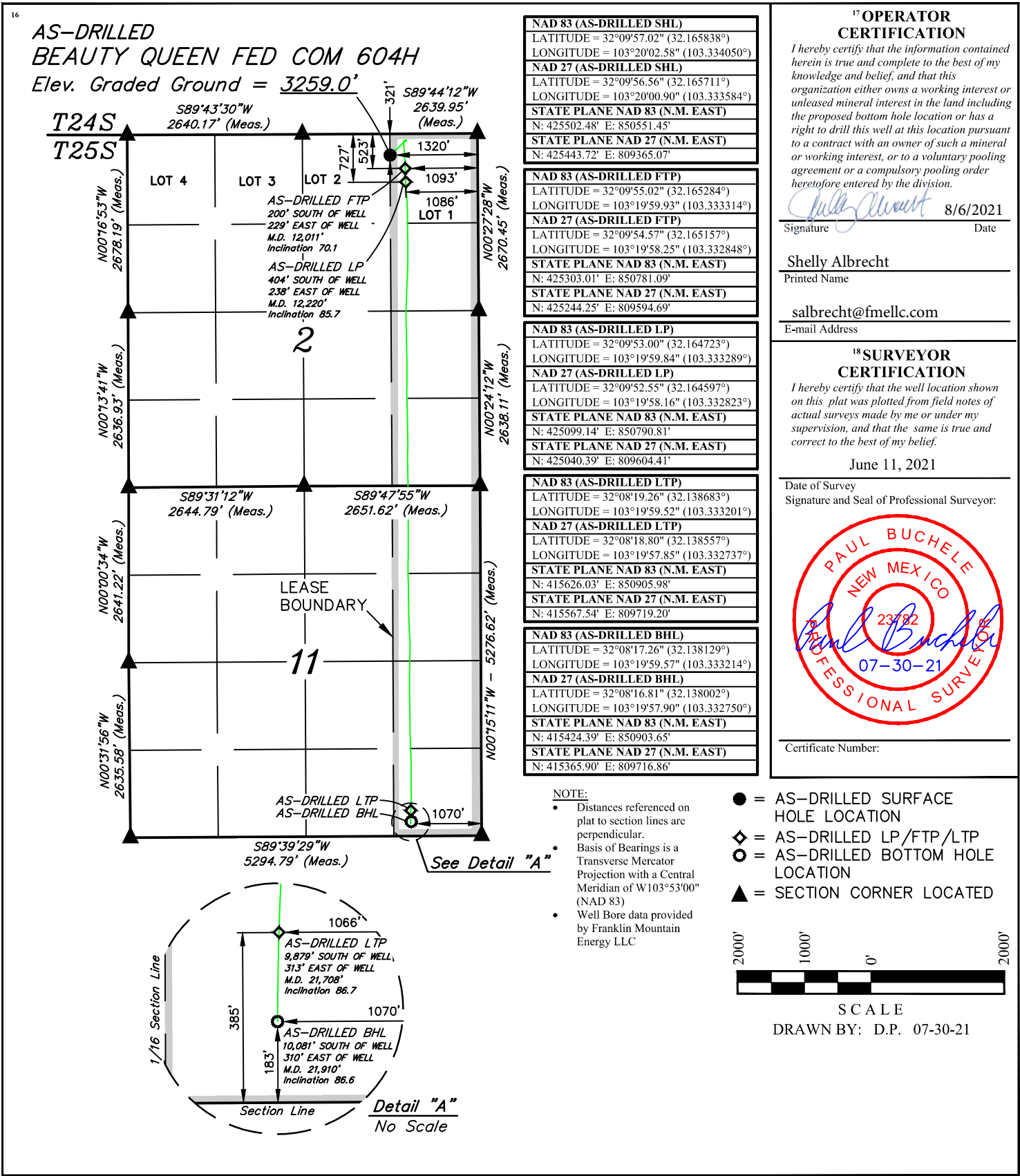
¹⁰ Surface Location

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		321	NORTH	1320	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
P	11	25S	35E		183	SOUTH	1070	EAST	LEA
¹² Dedicated Acres 320.81		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)
Parade State/Beauty Queen
Beauty Queen Fed Com 604H

OH

Design: OH

Standard Survey Report

22 April, 2021





Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	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		Parade State/Beauty Queen			
Site Position:		Northing:	425,502.20 usft	Latitude:	32.165838
From:	Map	Easting:	850,516.61 usft	Longitude:	-103.334163
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.53 °

Well	Beauty Queen Fed Com 604H					
Well Position	+N/-S	0.00 usft	Northing:	425,502.51 usft	Latitude:	32.165838
	+E/-W	0.00 usft	Easting:	850,551.61 usft	Longitude:	-103.334050
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,258.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/10/2021	6.46	59.89	47,512.28994490

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	179.42	

Survey Program	Date	4/22/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
62.00	1,239.00	Survey #1 - MWD (OH)	MWD	OWSG MWD - Standard	
1,365.00	21,852.00	Survey #2 - MWD (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
21,910.00	21,910.00	Survey #3 - 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 (Beauty Queen Fed Com 604H)										
62.00	0.70	24.48	62.00	0.34	0.16	-0.34	1.13	1.13	0.00	
211.00	0.30	32.48	210.99	1.50	0.74	-1.49	0.27	-0.27	5.37	
274.00	0.70	115.48	273.99	1.48	1.18	-1.46	1.15	0.63	131.75	
495.00	0.30	64.48	494.98	1.14	2.92	-1.11	0.25	-0.18	-23.08	
589.00	0.60	338.48	588.98	1.71	2.96	-1.68	0.69	0.32	-91.49	
683.00	0.40	209.48	682.98	1.88	2.62	-1.85	0.96	-0.21	-137.23	
777.00	0.50	305.48	776.98	1.83	2.12	-1.81	0.72	0.11	102.13	



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	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)
872.00	0.50	228.48	871.97	1.80	1.48	-1.78	0.66	0.00	-81.05
966.00	0.80	275.48	965.97	1.59	0.52	-1.58	0.62	0.32	50.00
998.00	1.00	230.48	997.96	1.43	0.08	-1.43	2.23	0.63	-140.63
1,029.00	0.40	230.48	1,028.96	1.19	-0.21	-1.19	1.94	-1.94	0.00
1,061.00	0.60	276.48	1,060.96	1.14	-0.47	-1.14	1.35	0.63	143.75
1,124.00	0.80	181.48	1,123.96	0.74	-0.81	-0.75	1.65	0.32	-150.79
1,155.00	1.00	178.48	1,154.95	0.25	-0.80	-0.26	0.66	0.65	-9.68
1,218.00	0.30	147.48	1,217.95	-0.44	-0.70	0.43	1.20	-1.11	-49.21
1,239.00	0.40	170.48	1,238.95	-0.56	-0.66	0.55	0.81	0.48	109.52
1,365.00	1.58	176.88	1,364.93	-2.73	-0.49	2.72	0.94	0.94	5.08
1,425.00	1.76	178.37	1,424.90	-4.47	-0.42	4.47	0.31	0.30	2.48
1,520.00	0.53	152.18	1,519.88	-6.32	-0.17	6.32	1.37	-1.29	-27.57
1,614.00	0.57	69.65	1,613.88	-6.54	0.47	6.55	0.77	0.04	-87.80
1,708.00	0.62	78.53	1,707.87	-6.28	1.40	6.29	0.11	0.05	9.45
1,802.00	0.57	345.19	1,801.87	-5.72	1.78	5.74	0.92	-0.05	-99.30
1,897.00	0.97	328.40	1,896.86	-4.58	1.24	4.59	0.48	0.42	-17.67
1,991.00	0.92	343.34	1,990.85	-3.18	0.61	3.19	0.27	-0.05	15.89
2,085.00	1.01	340.27	2,084.84	-1.68	0.11	1.68	0.11	0.10	-3.27
2,180.00	0.88	357.32	2,179.82	-0.16	-0.21	0.16	0.32	-0.14	17.95
2,274.00	0.88	12.08	2,273.81	1.26	-0.09	-1.27	0.24	0.00	15.70
2,369.00	0.92	14.10	2,368.80	2.72	0.25	-2.72	0.05	0.04	2.13
2,463.00	1.10	28.96	2,462.79	4.24	0.87	-4.23	0.34	0.19	15.81
2,557.00	1.27	36.52	2,556.77	5.87	1.93	-5.85	0.25	0.18	8.04
2,652.00	1.58	17.18	2,651.74	7.96	2.94	-7.93	0.60	0.33	-20.36
2,746.00	1.23	9.97	2,745.71	10.20	3.50	-10.16	0.42	-0.37	-7.67
2,840.00	1.32	25.00	2,839.69	12.17	4.13	-12.13	0.37	0.10	15.99
2,935.00	1.36	31.95	2,934.66	14.12	5.19	-14.07	0.18	0.04	7.32
3,029.00	1.93	38.19	3,028.62	16.31	6.76	-16.24	0.63	0.61	6.64
3,124.00	2.33	44.25	3,123.56	18.95	9.10	-18.86	0.48	0.42	6.38
3,218.00	3.96	55.94	3,217.41	22.14	13.12	-22.00	1.85	1.73	12.44
3,312.00	4.92	41.79	3,311.13	26.96	18.49	-26.77	1.54	1.02	-15.05
3,406.00	4.92	63.50	3,404.79	31.76	24.79	-31.51	1.97	0.00	23.10
3,500.00	4.83	59.28	3,498.45	35.58	31.80	-35.26	0.39	-0.10	-4.49
3,595.00	4.48	54.36	3,593.14	39.79	38.25	-39.40	0.56	-0.37	-5.18
3,691.00	3.91	55.50	3,688.88	43.83	44.00	-43.38	0.60	-0.59	1.19
3,784.00	4.53	54.89	3,781.63	47.74	49.61	-47.23	0.67	0.67	-0.66
3,878.00	5.32	53.13	3,875.28	52.49	56.14	-51.92	0.86	0.84	-1.87
3,972.00	4.75	53.92	3,968.92	57.39	62.77	-56.75	0.61	-0.61	0.84
4,067.00	4.75	48.82	4,063.59	62.30	68.91	-61.60	0.44	0.00	-5.37
4,161.00	5.27	43.37	4,157.23	68.00	74.80	-67.24	0.75	0.55	-5.80
4,255.00	5.19	46.80	4,250.84	74.05	80.87	-73.23	0.34	-0.09	3.65
4,350.00	4.97	47.94	4,345.47	79.75	87.05	-78.86	0.25	-0.23	1.20
4,444.00	4.75	49.44	4,439.13	85.01	93.03	-84.06	0.27	-0.23	1.60



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	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)
4,538.00	4.26	50.05	4,532.84	89.78	98.67	-88.77	0.52	-0.52	0.65
4,633.00	3.74	53.65	4,627.61	93.88	103.87	-92.82	0.61	-0.55	3.79
4,727.00	3.43	54.01	4,721.43	97.35	108.61	-96.25	0.33	-0.33	0.38
4,821.00	4.09	50.31	4,815.22	101.14	113.47	-99.99	0.75	0.70	-3.94
4,916.00	5.23	46.54	4,909.91	106.29	119.22	-105.07	1.24	1.20	-3.97
5,010.00	5.67	45.48	5,003.48	112.49	125.64	-111.21	0.48	0.47	-1.13
5,100.00	5.10	46.71	5,093.09	118.35	131.72	-117.01	0.65	-0.63	1.37
5,197.00	4.70	44.78	5,189.73	124.13	137.66	-122.73	0.45	-0.41	-1.99
5,292.00	4.75	43.20	5,284.41	129.76	143.09	-128.30	0.15	0.05	-1.66
5,386.00	4.70	40.03	5,378.09	135.54	148.23	-134.03	0.28	-0.05	-3.37
5,481.00	4.57	41.00	5,472.78	141.38	153.22	-139.82	0.16	-0.14	1.02
5,575.00	4.35	40.56	5,566.49	146.91	157.99	-145.31	0.24	-0.23	-0.47
5,669.00	4.04	41.70	5,660.24	152.09	162.51	-150.44	0.34	-0.33	1.21
5,764.00	4.97	44.51	5,754.95	157.53	167.62	-155.82	1.01	0.98	2.96
5,859.00	5.01	44.69	5,849.59	163.41	173.43	-161.65	0.05	0.04	0.19
5,953.00	4.57	44.95	5,943.26	168.98	178.96	-167.16	0.47	-0.47	0.28
6,047.00	4.44	46.54	6,036.97	174.13	184.25	-172.26	0.19	-0.14	1.69
6,141.00	5.71	50.75	6,130.60	179.59	190.51	-177.66	1.41	1.35	4.48
6,236.00	5.89	49.79	6,225.11	185.73	197.89	-183.72	0.22	0.19	-1.01
6,330.00	5.98	49.96	6,318.61	191.99	205.32	-189.91	0.10	0.10	0.18
6,424.00	6.11	49.52	6,412.09	198.39	212.88	-196.23	0.15	0.14	-0.47
6,519.00	5.10	47.94	6,506.63	204.50	219.86	-202.27	1.08	-1.06	-1.66
6,613.00	4.48	38.27	6,600.30	210.18	225.23	-207.89	1.08	-0.66	-10.29
6,707.00	2.86	48.21	6,694.11	214.63	229.26	-212.30	1.85	-1.72	10.57
6,802.00	1.58	82.75	6,789.04	216.37	232.32	-214.01	1.89	-1.35	36.36
6,896.00	1.49	107.27	6,883.01	216.17	234.77	-213.79	0.70	-0.10	26.09
6,990.00	0.48	37.48	6,976.99	216.12	236.18	-213.72	1.49	-1.07	-74.24
7,085.00	0.57	352.75	7,071.99	216.91	236.36	-214.51	0.43	0.09	-47.08
7,179.00	0.48	10.15	7,165.98	217.76	236.37	-215.36	0.19	-0.10	18.51
7,273.00	0.57	16.21	7,259.98	218.60	236.57	-216.19	0.11	0.10	6.45
7,368.00	0.48	10.76	7,354.98	219.44	236.78	-217.03	0.11	-0.09	-5.74
7,462.00	0.44	359.95	7,448.97	220.19	236.85	-217.78	0.10	-0.04	-11.50
7,557.00	0.22	140.40	7,543.97	220.41	236.97	-218.00	0.66	-0.23	147.84
7,651.00	1.67	155.70	7,637.96	219.03	237.65	-216.61	1.55	1.54	16.28
7,745.00	1.19	131.96	7,731.93	217.12	238.94	-214.70	0.80	-0.51	-25.26
7,839.00	1.23	94.17	7,825.91	216.40	240.67	-213.95	0.83	0.04	-40.20
7,934.00	0.48	39.06	7,920.90	216.63	241.94	-214.17	1.09	-0.79	-58.01
8,028.00	0.70	19.90	8,014.89	217.48	242.38	-215.01	0.31	0.23	-20.38
8,122.00	0.70	40.65	8,108.89	218.46	242.95	-215.98	0.27	0.00	22.07
8,217.00	0.79	23.07	8,203.88	219.50	243.58	-217.02	0.26	0.09	-18.51
8,311.00	0.83	45.83	8,297.87	220.57	244.33	-218.08	0.34	0.04	24.21
8,406.00	1.01	62.18	8,392.86	221.44	245.56	-218.94	0.33	0.19	17.21
8,500.00	1.23	63.32	8,486.84	222.28	247.20	-219.76	0.24	0.23	1.21
8,594.00	0.62	19.55	8,580.83	223.21	248.27	-220.69	0.95	-0.65	-46.56



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	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)
8,688.00	0.40	254.57	8,674.83	223.60	248.12	-221.08	0.97	-0.23	-132.96
8,783.00	1.14	236.82	8,769.82	223.00	247.01	-220.49	0.81	0.78	-18.68
8,877.00	1.23	235.85	8,863.80	221.92	245.39	-219.42	0.10	0.10	-1.03
8,971.00	0.70	259.49	8,957.78	221.25	243.99	-218.77	0.69	-0.56	25.15
9,066.00	0.97	242.71	9,052.77	220.77	242.71	-218.31	0.38	0.28	-17.66
9,160.00	1.19	261.87	9,146.76	220.27	241.03	-217.82	0.45	0.23	20.38
9,255.00	1.76	255.19	9,241.73	219.76	238.65	-217.33	0.63	0.60	-7.03
9,349.00	1.36	250.00	9,335.69	219.01	236.20	-216.61	0.45	-0.43	-5.52
9,443.00	0.62	317.41	9,429.68	219.00	234.81	-216.61	1.34	-0.79	71.71
9,538.00	0.83	317.15	9,524.67	219.88	234.00	-217.50	0.22	0.22	-0.27
9,632.00	1.36	287.18	9,618.65	220.71	232.47	-218.35	0.81	0.56	-31.88
9,726.00	1.32	271.18	9,712.63	221.06	230.32	-218.72	0.40	-0.04	-17.02
9,821.00	1.23	264.24	9,807.61	220.98	228.21	-218.66	0.19	-0.09	-7.31
9,915.00	1.71	248.42	9,901.57	220.37	225.90	-218.07	0.66	0.51	-16.83
10,009.00	2.15	242.44	9,995.52	219.04	223.03	-216.77	0.51	0.47	-6.36
10,103.00	1.41	268.46	10,089.48	218.19	220.32	-215.95	1.15	-0.79	27.68
10,197.00	0.83	293.86	10,183.46	218.43	218.54	-216.21	0.80	-0.62	27.02
10,292.00	0.70	330.16	10,278.45	219.21	217.62	-217.00	0.52	-0.14	38.21
10,386.00	1.05	345.36	10,372.44	220.55	217.12	-218.34	0.44	0.37	16.17
10,480.00	0.31	306.43	10,466.43	221.53	216.69	-219.33	0.89	-0.79	-41.41
10,574.00	1.10	209.75	10,560.43	220.90	216.04	-218.70	1.25	0.84	-102.85
10,669.00	1.32	219.42	10,655.41	219.26	214.89	-217.07	0.32	0.23	10.18
10,763.00	1.10	205.88	10,749.39	217.61	213.81	-215.44	0.38	-0.23	-14.40
10,857.00	1.01	208.96	10,843.37	216.08	213.02	-213.91	0.11	-0.10	3.28
10,952.00	1.27	228.03	10,938.35	214.64	211.83	-212.48	0.48	0.27	20.07
11,046.00	1.85	235.59	11,032.32	213.09	209.80	-210.95	0.65	0.62	8.04
11,140.00	1.63	260.73	11,126.27	212.01	207.23	-209.90	0.84	-0.23	26.74
11,199.00	1.58	258.44	11,185.25	211.71	205.61	-209.62	0.14	-0.08	-3.88
11,235.00	1.41	264.33	11,221.24	211.57	204.68	-209.49	0.64	-0.47	16.36
11,260.00	2.01	204.43	11,246.23	211.14	204.19	-209.06	7.15	2.41	-239.61
KOP									
11,282.00	3.34	185.67	11,268.20	210.15	203.97	-208.08	7.15	6.03	-85.26
11,330.00	9.05	171.60	11,315.91	205.02	204.38	-202.94	12.22	11.90	-29.31
11,377.00	13.67	172.75	11,361.97	195.85	205.62	-193.76	9.84	9.83	2.45
11,424.00	16.66	178.99	11,407.33	183.60	206.44	-181.50	7.24	6.36	13.28
11,471.00	20.18	178.90	11,451.92	168.75	206.72	-166.65	7.49	7.49	-0.19
11,519.00	23.47	175.38	11,496.48	150.94	207.65	-148.83	7.37	6.85	-7.33
11,566.00	28.70	174.15	11,538.67	130.37	209.55	-128.25	11.19	11.13	-2.62
11,613.00	32.84	174.94	11,579.05	106.44	211.83	-104.29	8.85	8.81	1.68
11,660.00	37.54	176.88	11,617.45	79.43	213.73	-77.27	10.28	10.00	4.13
11,707.00	43.21	178.20	11,653.24	49.03	215.02	-46.85	12.20	12.06	2.81
11,754.00	47.74	177.67	11,686.19	15.55	216.23	-13.36	9.67	9.64	-1.13
11,802.00	50.07	176.44	11,717.74	-20.57	218.10	22.78	5.22	4.85	-2.56



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	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)
11,849.00	53.58	174.94	11,746.79	-57.41	220.88	59.64	7.88	7.47	-3.19
11,896.00	58.11	175.21	11,773.17	-96.15	224.22	98.41	9.65	9.64	0.57
11,943.00	62.95	176.88	11,796.28	-136.95	227.03	139.24	10.75	10.30	3.55
11,990.00	68.35	178.02	11,815.65	-179.71	228.92	182.02	11.70	11.49	2.43
12,037.00	72.35	177.84	11,831.46	-223.94	230.52	226.26	8.52	8.51	-0.38
12,084.00	76.09	176.00	11,844.24	-269.09	232.96	271.44	8.80	7.96	-3.91
12,131.00	79.87	177.76	11,854.02	-314.98	235.45	317.35	8.84	8.04	3.74
12,166.00	83.60	177.93	11,859.05	-349.59	236.76	351.97	10.67	10.66	0.49
12,186.24	84.40	177.61	11,861.17	-369.70	237.54	372.08	4.23	3.93	-1.56
LP (Beauty Queen Fed Com 604H)									
12,220.00	85.72	177.09	11,864.08	-403.30	239.09	405.70	4.23	3.93	-1.56
LP									
12,256.00	87.14	176.53	11,866.32	-439.17	241.09	441.59	4.23	3.93	-1.55
12,349.00	87.28	176.00	11,870.84	-531.87	247.14	534.34	0.59	0.15	-0.57
12,444.00	86.31	175.56	11,876.16	-626.46	254.12	629.00	1.12	-1.02	-0.46
12,539.00	87.85	176.26	11,880.99	-721.09	260.89	723.69	1.78	1.62	0.74
12,633.00	90.48	177.67	11,882.36	-814.94	265.87	817.59	3.17	2.80	1.50
12,728.00	91.27	180.74	11,880.91	-909.91	267.18	912.56	3.34	0.83	3.23
12,823.00	89.69	179.25	11,880.12	-1,004.90	267.19	1,007.55	2.29	-1.66	-1.57
12,917.00	88.37	178.81	11,881.71	-1,098.87	268.78	1,101.53	1.48	-1.40	-0.47
13,012.00	87.19	178.90	11,885.39	-1,193.78	270.68	1,196.45	1.25	-1.24	0.09
13,107.00	88.64	179.16	11,888.85	-1,288.70	272.29	1,291.39	1.55	1.53	0.27
13,201.00	89.60	178.99	11,890.29	-1,382.67	273.80	1,385.37	1.04	1.02	-0.18
13,296.00	91.23	180.30	11,889.60	-1,477.66	274.39	1,480.36	2.20	1.72	1.38
13,391.00	90.70	180.22	11,888.00	-1,572.65	273.96	1,575.34	0.56	-0.56	-0.08
13,486.00	90.83	179.95	11,886.73	-1,667.64	273.82	1,670.32	0.32	0.14	-0.28
13,581.00	91.45	182.41	11,884.84	-1,762.59	271.87	1,765.25	2.67	0.65	2.59
13,675.00	91.27	182.50	11,882.61	-1,856.48	267.84	1,859.10	0.21	-0.19	0.10
13,770.00	90.40	182.41	11,881.23	-1,951.38	263.77	1,953.95	0.92	-0.92	-0.09
13,865.00	89.08	181.71	11,881.66	-2,046.32	260.36	2,048.85	1.57	-1.39	-0.74
13,960.00	89.52	182.06	11,882.82	-2,141.26	257.23	2,143.75	0.59	0.46	0.37
14,055.00	89.56	182.15	11,883.58	-2,236.19	253.74	2,238.64	0.10	0.04	0.09
14,149.00	91.89	180.83	11,882.39	-2,330.14	251.30	2,332.57	2.85	2.48	-1.40
14,244.00	91.54	179.95	11,879.55	-2,425.10	250.65	2,427.51	1.00	-0.37	-0.93
14,339.00	92.02	178.99	11,876.60	-2,520.04	251.53	2,522.46	1.13	0.51	-1.01
14,433.00	91.98	178.11	11,873.32	-2,613.96	253.91	2,616.39	0.94	-0.04	-0.94
14,528.00	91.85	177.49	11,870.14	-2,708.83	257.55	2,711.30	0.67	-0.14	-0.65
14,623.00	92.77	178.90	11,866.31	-2,803.71	260.54	2,806.20	1.77	0.97	1.48
14,718.00	94.04	178.55	11,860.67	-2,898.51	262.65	2,901.02	1.39	1.34	-0.37
14,812.00	93.78	179.16	11,854.26	-2,992.27	264.53	2,994.80	0.70	-0.28	0.65
14,907.00	94.00	179.43	11,847.82	-3,087.05	265.69	3,089.58	0.37	0.23	0.28
14,984.00	93.12	179.43	11,843.03	-3,163.89	266.46	3,166.43	1.14	-1.14	0.00
15,029.00	93.21	179.69	11,840.55	-3,208.82	266.80	3,211.36	0.61	0.20	0.58
15,124.00	94.17	179.51	11,834.44	-3,303.62	267.46	3,306.16	1.03	1.01	-0.19



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	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)
15,218.00	91.58	180.04	11,829.72	-3,397.50	267.83	3,400.03	2.81	-2.76	0.56
15,313.00	90.44	180.48	11,828.05	-3,492.48	267.40	3,495.01	1.29	-1.20	0.46
15,408.00	88.46	179.34	11,828.96	-3,587.47	267.55	3,589.99	2.40	-2.08	-1.20
15,503.00	85.56	178.46	11,833.91	-3,682.31	269.37	3,684.85	3.19	-3.05	-0.93
15,598.00	85.08	177.49	11,841.67	-3,776.93	272.72	3,779.50	1.14	-0.51	-1.02
15,692.00	85.69	178.81	11,849.23	-3,870.58	275.74	3,873.17	1.54	0.65	1.40
15,787.00	85.21	177.84	11,856.77	-3,965.24	278.51	3,967.85	1.14	-0.51	-1.02
15,882.00	85.56	179.07	11,864.41	-4,059.89	281.06	4,062.53	1.34	0.37	1.29
15,976.00	84.64	178.37	11,872.44	-4,153.52	283.15	4,156.18	1.23	-0.98	-0.74
16,071.00	87.45	179.16	11,878.99	-4,248.26	285.19	4,250.93	3.07	2.96	0.83
16,166.00	88.33	180.48	11,882.49	-4,343.20	285.49	4,345.86	1.67	0.93	1.39
16,260.00	88.15	180.30	11,885.38	-4,437.15	284.85	4,439.81	0.27	-0.19	-0.19
16,354.00	87.67	179.95	11,888.80	-4,531.09	284.65	4,533.74	0.63	-0.51	-0.37
16,449.00	87.71	179.69	11,892.63	-4,626.01	284.94	4,628.66	0.28	0.04	-0.27
16,544.00	87.10	179.16	11,896.93	-4,720.91	285.90	4,723.56	0.85	-0.64	-0.56
16,639.00	86.66	178.37	11,902.10	-4,815.74	287.94	4,818.41	0.95	-0.46	-0.83
16,733.00	86.31	177.67	11,907.87	-4,909.51	291.18	4,912.20	0.83	-0.37	-0.74
16,806.90	86.24	179.10	11,912.67	-4,983.22	293.26	4,985.93	1.94	-0.10	1.94
S2/11 Crossing									
16,828.00	86.22	179.51	11,914.06	-5,004.27	293.52	5,006.99	1.94	-0.09	1.94
16,923.00	86.00	179.25	11,920.50	-5,099.05	294.54	5,101.77	0.36	-0.23	-0.27
17,018.00	86.92	180.04	11,926.37	-5,193.86	295.13	5,196.59	1.28	0.97	0.83
17,113.00	87.58	179.34	11,930.93	-5,288.75	295.64	5,291.47	1.01	0.69	-0.74
17,207.00	89.25	180.30	11,933.53	-5,382.71	295.94	5,385.43	2.05	1.78	1.02
17,302.00	88.37	179.43	11,935.50	-5,477.69	296.16	5,480.41	1.30	-0.93	-0.92
17,396.00	88.20	179.43	11,938.31	-5,571.64	297.10	5,574.36	0.18	-0.18	0.00
17,491.00	89.65	179.95	11,940.09	-5,666.62	297.61	5,669.34	1.62	1.53	0.55
17,585.00	89.32	179.87	11,940.94	-5,760.62	297.76	5,763.34	0.36	-0.35	-0.09
17,680.00	89.03	179.95	11,942.31	-5,855.61	297.91	5,858.32	0.32	-0.31	0.08
17,775.00	87.76	179.78	11,944.97	-5,950.57	298.13	5,953.28	1.35	-1.34	-0.18
17,869.00	89.78	180.22	11,946.99	-6,044.54	298.13	6,047.25	2.20	2.15	0.47
17,964.00	89.65	180.04	11,947.46	-6,139.54	297.91	6,142.24	0.23	-0.14	-0.19
18,058.00	89.65	180.13	11,948.03	-6,233.54	297.77	6,236.23	0.10	0.00	0.10
18,153.00	88.86	179.07	11,949.27	-6,328.53	298.44	6,331.22	1.39	-0.83	-1.12
18,248.00	88.20	178.11	11,951.70	-6,423.46	300.77	6,426.18	1.23	-0.69	-1.01
18,342.00	89.78	178.72	11,953.36	-6,517.41	303.37	6,520.15	1.80	1.68	0.65
18,437.00	90.75	179.60	11,952.92	-6,612.40	304.77	6,615.14	1.38	1.02	0.93
18,532.00	90.09	179.16	11,952.23	-6,707.39	305.79	6,710.14	0.83	-0.69	-0.46
18,626.00	89.43	178.20	11,952.62	-6,801.36	307.96	6,804.13	1.24	-0.70	-1.02
18,721.00	87.80	178.81	11,954.92	-6,896.30	310.44	6,899.09	1.83	-1.72	0.64
18,815.00	87.19	178.20	11,959.02	-6,990.17	312.89	6,992.98	0.92	-0.65	-0.65
18,910.00	86.88	177.93	11,963.94	-7,084.99	316.09	7,087.83	0.43	-0.33	-0.28
19,005.00	83.45	175.65	11,971.94	-7,179.49	321.39	7,182.37	4.33	-3.61	-2.40



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	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)
19,099.00	88.07	177.58	11,978.89	-7,273.04	326.91	7,275.97	5.32	4.91	2.05
19,194.00	84.42	177.84	11,985.11	-7,367.74	330.70	7,370.71	3.85	-3.84	0.27
19,289.00	85.25	180.57	11,993.67	-7,462.33	332.01	7,465.31	2.99	0.87	2.87
19,383.00	87.19	181.27	11,999.86	-7,556.11	330.51	7,559.07	2.19	2.06	0.74
19,478.00	86.70	181.01	12,004.93	-7,650.96	328.62	7,653.89	0.58	-0.52	-0.27
19,573.00	86.44	180.83	12,010.61	-7,745.78	327.10	7,748.69	0.33	-0.27	-0.19
19,668.00	85.12	179.43	12,017.60	-7,840.51	326.88	7,843.42	2.02	-1.39	-1.47
19,762.00	87.45	180.39	12,023.69	-7,934.31	327.03	7,937.21	2.68	2.48	1.02
19,857.00	86.13	179.69	12,029.01	-8,029.16	326.96	8,032.06	1.57	-1.39	-0.74
19,952.00	86.31	179.25	12,035.27	-8,123.95	327.84	8,126.85	0.50	0.19	-0.46
20,046.00	86.18	179.07	12,041.43	-8,217.73	329.21	8,220.65	0.24	-0.14	-0.19
20,141.00	86.00	178.99	12,047.91	-8,312.50	330.82	8,315.42	0.21	-0.19	-0.08
20,236.00	85.17	178.11	12,055.22	-8,407.19	333.21	8,410.13	1.27	-0.87	-0.93
20,330.00	86.66	178.28	12,061.92	-8,500.90	336.17	8,503.86	1.60	1.59	0.18
20,425.00	88.99	179.87	12,065.52	-8,595.81	337.70	8,598.79	2.97	2.45	1.67
20,519.00	89.12	179.51	12,067.07	-8,689.79	338.21	8,692.77	0.41	0.14	-0.38
20,614.00	86.31	178.02	12,070.86	-8,784.68	340.25	8,787.68	3.35	-2.96	-1.57
20,708.00	85.78	177.84	12,077.34	-8,878.40	343.64	8,881.42	0.60	-0.56	-0.19
20,803.00	87.10	177.67	12,083.24	-8,973.14	347.35	8,976.20	1.40	1.39	-0.18
20,897.00	86.92	176.70	12,088.15	-9,066.90	351.96	9,070.00	1.05	-0.19	-1.03
20,992.00	87.71	180.13	12,092.60	-9,161.74	354.59	9,164.86	3.70	0.83	3.61
21,086.00	87.41	179.34	12,096.60	-9,255.65	355.02	9,258.77	0.90	-0.32	-0.84
21,181.00	86.53	178.28	12,101.62	-9,350.50	356.99	9,353.63	1.45	-0.93	-1.12
21,275.00	86.88	179.60	12,107.03	-9,444.33	358.73	9,447.47	1.45	0.37	1.40
21,370.00	87.32	179.95	12,111.83	-9,539.20	359.10	9,542.35	0.59	0.46	0.37
21,464.00	86.75	179.07	12,116.69	-9,633.07	359.90	9,636.22	1.11	-0.61	-0.94
21,559.00	85.65	181.62	12,122.99	-9,727.85	359.33	9,730.99	2.92	-1.16	2.68
21,653.00	86.35	182.24	12,129.55	-9,821.57	356.17	9,824.67	0.99	0.74	0.66
21,748.00	86.92	181.18	12,135.12	-9,916.36	353.34	9,919.43	1.27	0.60	-1.12
21,852.00	86.62	180.04	12,140.98	-10,020.19	352.24	10,023.24	1.13	-0.29	-1.10
21,910.00	86.62	180.04	12,144.40	-10,078.09	352.20	10,081.14	0.00	0.00	0.00
BHL - PBHL (Beauty Queen Fed Com 604H)									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,260.00	11,246.23	211.14	204.19	KOP
12,220.00	11,864.08	-403.30	239.09	LP
16,806.90	11,912.67	-4,983.22	293.26	S2/11 Crossing
21,910.00	12,144.40	-10,078.09	352.20	BHL



Total Directional Services

Survey Report



Company:	Franklin Mountain Energy	Local Co-ordinate Reference:	Well Beauty Queen Fed Com 604H
Project:	Lea County, NM (NAD83)	TVD Reference:	3258' GE + 30' KB @ 3288.00usft
Site:	Parade State/Beauty Queen	MD Reference:	3258' GE + 30' KB @ 3288.00usft
Well:	Beauty Queen Fed Com 604H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Checked By: _____ Approved By: _____ Date: _____

Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-47889
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No. NM101608
7. Lease Name or Unit Agreement Name BEAUTY QUEEN FED COM
8. Well Number 604H
9. OGRID Number 373910
10. Pool name or Wildcat [98185] WC-025 G-09 S253502B; BONESPRING

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 ___ LOT1 ___ : ___ 321 ___ feet from the ___ NORTH ___ line and ___ 1320 ___ feet from the ___ EAST ___ line Section 1 Township 25S Range 35E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3259 KB	

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
7.20.2021 – 8.6.2022 PERF AND FRAC 1-43 STAGES PERFS 12,017' – 21,632'
FRAC WITH 511,453 BBL OF LIQUID AND 24,204,963 LBS OF PROPPANT
8.10.2021 – DRILL OUT PLUGS
8.16.2021 TURN OVER TO PRDUCTION FLOWING
TD 21,910' PBTD 21,780 SPUD DATE 4.1.2021

Spud Date: 4.1.2021

Rig Release Date: 4.19.2021

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								1. WELL API NO. 30-025-47889		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								2. Type of Lease ☒ STATE ☐ FEE ☒ FED/INDIAN		
								3. State Oil & Gas Lease No. VB 2117		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								5. Lease Name or Unit Agreement Name BEAUTY QUEEN FED COM		
8. Name of Operator: Franklin Mountain Energy LLC								6. Well Number: 604H		
10. Address of Operator 44 Cook Street, Suite 1000, Denver, CO 80206								9. OGRID 373910		
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:	A	2	25S	35E	1	321	N	1320	E	Lea
BH:	P	11	25S	35E		183	S	1070	E	Lea
13. Date Spudded 4/1/2021	14. Date T.D. Reached 4/16/2021	15. Date Rig Released 4/19/2021			16. Date Completed (Ready to Produce) 8/6/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3259		
18. Total Measured Depth of Well 21910			19. Plug Back Measured Depth 21780			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 Bone Spring 12,017' - 21,637'										
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		1308		17.5		1260sx Class C		
9.625		40		5062		12.25		2397sx Class C		
7.625		29.7		12197		8.75		665sx Class C		
5.5		23		21878		6.75		905sx Class C		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
N/A							SIZE		DEPTH SET	
							SIZE		DEPTH SET	
26. Perforation record (interval, size, and number) 12,017' - 21,637'.42" hole size, 1370 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,017' - 21,637'		Fresh Water (bbl) 511,453		
								Total Prop (lbs) 100M 24,204,963		
28. PRODUCTION										
Date First Production 8/16/2021		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 35/64	Prod'n For Test Period	Oil - Bbl 2445	Gas - MCF 2796	Water - Bbl. 3175	Gas - Oil Ratio 1.14			
Flow Tubing Press.	Casing Pressure 2186	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 41.92				
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			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:
GL:
GL + KB:

30'
3,259'
3,289'

13-3/8"
54.5#
J-55
1308'

Well Name:
Pad Name:
Latitude:
Longitude:
API 14:

Beauty Queen Fed Com 604H
Carnival East
32.165838
-103.334049
30025478890000

9-5/8"
40#
L-80
5062'

5.5" 23#
P-110

7-5/8"
29.7#
HCP-110
12197'

Producing Interval: 12,017' - 21,637'

TMD: 21910'
Plug Back TMD: 21780'
Plug Back TVD: 12137'

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

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

District IV

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

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

ACKNOWLEDGMENTS

Action 106472

ACKNOWLEDGMENTS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 106472
	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
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 106472

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 106472
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval.	6/9/2022