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

Form C-101
August 1, 2011

Permit 340646

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	331595
	3. API Number 30-025-51508

4. Property Code	5. Property Name	6. Well No.
333786	TREBLE STATE COM	603H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	34	19S	35E	O	250	S	1600	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	27	19S	35E	B	130	N	1680	E	Lea

9. Pool Information

PEARL;BONE SPRING	49680
PEARL;BONE SPRING, SOUTH	49685

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3686
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
Y	20859	3rd Bone Spring Sand		9/1/2023
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1900	1457	0
Int1	12.25	9.625	40	4000	841	0
Prod	8.75	7	32	10000	492	3000
Prod	8.75	5.5	20	20859	2710	10000

Casing/Cement Program: Additional Comments

Please see attached 14 point plan for additional details and information.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	Cactus

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature:

OIL CONSERVATION DIVISION

Printed Name:	Electronically filed by Rachael A Overbey		Approved By:	Paul F Kautz	
Title:	Project Manager		Title:	Geologist	
Email Address:	roverbey@fmellc.com		Approved Date:	5/25/2023	Expiration Date: 5/25/2025
Date:	5/17/2023	Phone: 303-570-4057	Conditions of Approval Attached		

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	[2] Pool Code	[3] Pool Name
	49680	PEARL;BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
	TREBLE STATE COM	603H

[7] OGRID No.	[8] Operator Name	[9] Elevation
331595	FRANKLIN MOUNTAIN ENERGY 3, LLC	3686.1'

[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
O	34	19S	35E		250	SOUTH	1600	EAST	LEA

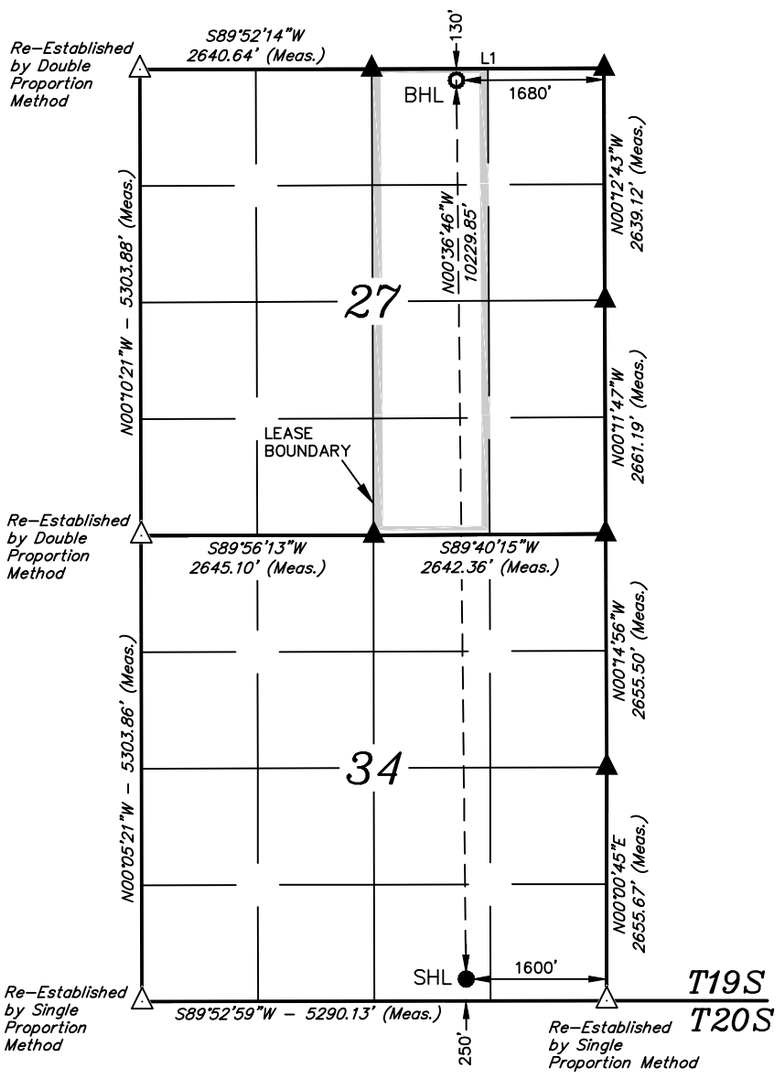
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	19S	35E		130	NORTH	1680	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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.

[16]



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°48'53"W	2643.88'

SCALE

DRAWN BY: L.M.W. 04-12-23

NAD 83 (SURFACE HOLE LOCATION)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°36'36.87" (32.610243°)	LATITUDE = 32°38'18.08" (32.638354°)
LONGITUDE = -103°26'30.27" (-103.441743°)	LONGITUDE = -103°26'31.06" (-103.441960°)
NAD 27 (SURFACE HOLE LOCATION)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 32°36'36.43" (32.610119°)	LATITUDE = 32°38'17.63" (32.638231°)
LONGITUDE = -103°26'28.52" (-103.441256°)	LONGITUDE = -103°26'29.30" (-103.441472°)
STATE PLANE NAD 83 (N.M. EAST)	**STATE PLANE NAD 83 (N.M. EAST)**
N: 586888.32' E: 815878.38'	N: 597115.41' E: 815725.67'
STATE PLANE NAD 27 (N.M. EAST)	**STATE PLANE NAD 27 (N.M. EAST)**
N: 586825.45' E: 774697.26'	N: 597052.28' E: 774544.89'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.

● = SURFACE HOLE LOCATION
○ = BOTTOM HOLE LOCATION
▲ = SECTION CORNER LOCATED
△ = SECTION CORNER RE-ESTABLISHED. (Not Set on Ground.)

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 4/18/2023 Date

Rachael Overbey
Printed Name

roverbey@fmellc.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

April 5, 2023
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number:

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	[2] Pool Code	[3] Pool Name
	49685	PEARL;BONE SPRING, SOUTH

[4] Property Code	[5] Property Name	[6] Well Number
	TREBLE STATE COM	603H

[7] OGRID No.	[8] Operator Name	[9] Elevation
331595	FRANKLIN MOUNTAIN ENERGY 3, LLC	3686.1'

[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
O	34	19S	35E		250	SOUTH	1600	EAST	LEA

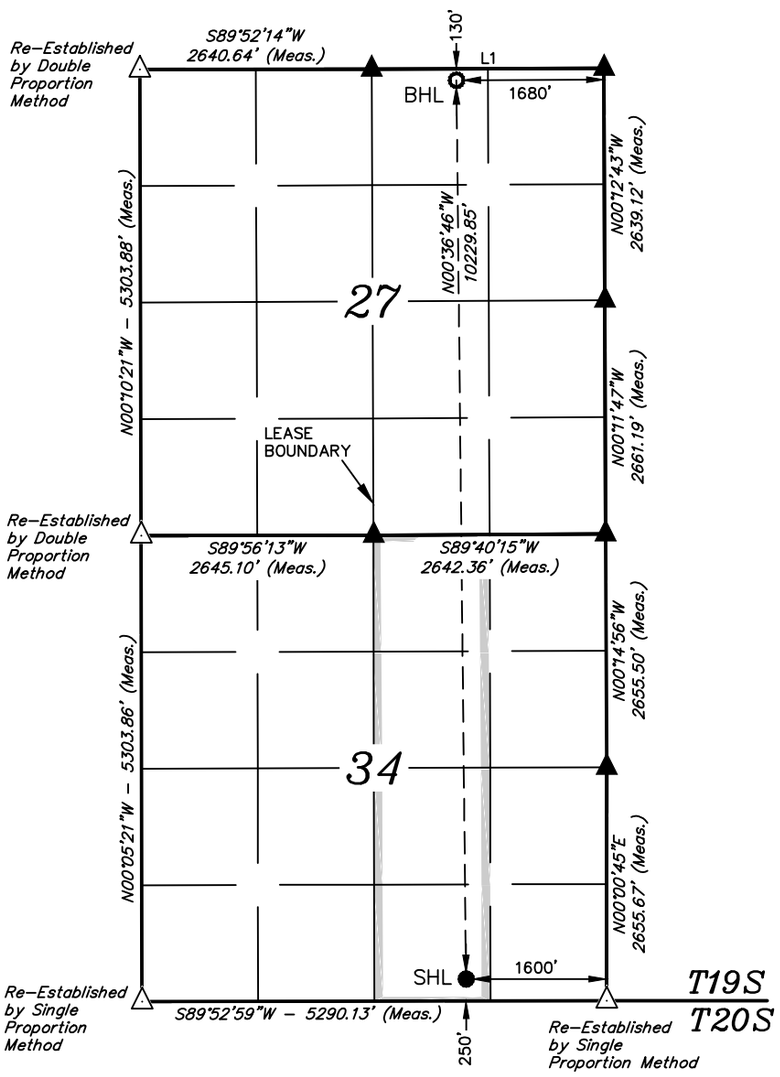
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	19S	35E		130	NORTH	1680	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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.

[16]



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°48'53"W	2643.88'

2000' 1000' 0' 2000'

SCALE

DRAWN BY: L.M.W. 04-12-23

NAD 83 (SURFACE HOLE LOCATION)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°36'36.87" (32.610243°)	LATITUDE = 32°38'18.08" (32.638354°)
LONGITUDE = -103°26'30.27" (-103.441743°)	LONGITUDE = -103°26'31.06" (-103.441960°)
NAD 27 (SURFACE HOLE LOCATION)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 32°36'36.43" (32.610119°)	LATITUDE = 32°38'17.63" (32.638231°)
LONGITUDE = -103°26'28.52" (-103.441256°)	LONGITUDE = -103°26'29.30" (-103.441472°)
STATE PLANE NAD 83 (N.M. EAST)	**STATE PLANE NAD 83 (N.M. EAST)**
N: 586888.32' E: 815878.38'	N: 597115.41' E: 815725.67'
STATE PLANE NAD 27 (N.M. EAST)	**STATE PLANE NAD 27 (N.M. EAST)**
N: 586825.45' E: 774697.26'	N: 597052.28' E: 774544.89'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.

● = SURFACE HOLE LOCATION
○ = BOTTOM HOLE LOCATION
▲ = SECTION CORNER LOCATED
△ = SECTION CORNER RE-ESTABLISHED. (Not Set on Ground.)

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 4/18/2023 Date

Rachael Overbey
Printed Name

roverbey@fmellc.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

April 5, 2023
Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE NEW MEXICO 23782 PROFESSIONAL SURVEYOR 04-12-23

Certificate Number:

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

Form APD Conditions

Permit 340646

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
Franklin Mountain Energy 3, LLC [331595] 44 Cook Street Denver, CO 80206	30-025-51508
	Well: TREBLE STATE COM #603H

OCD Reviewer	Condition
pkautz	Notify OCD 24 hours prior to casing & cement
pkautz	Will require a File As Drilled C-102 and a Directional Survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system
pkautz	Cement is required to circulate on both surface and intermediate1 strings of casing
pkautz	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud

FRANKLIN MOUNTAIN ENERGY

Treble State Com 603H

1. **Geologic name of surface location:** Permian

2. **Estimated tops of important geological markers:**

Formations	PROG SS	PROG TVD	Picked TVD	delta	Potential/Issues
Cenozoic Alluvium (surface)	3,687'	30'	30'	0	Sand/Gravels/unconsolidated
Rustler	1,909'	1,808'			Carbonates
Salado	1,648'	2,069'			Salt, Carbonate & Clastics
Base Salt	475'	3,241'			Shaley Carbonate & Shale
Yates	195'	3,521'			Anhydrite/shale
Seven Rivers	-366'	4,082'			Interbedded shale/carbonate
Queen	-937'	4,653'			Sandstone & dolomite & anhydrite
Delaware Mtn Group	-2,404'	6,121'			Sand/carb/shales - oil/gas/water
Bone Spring Lime	-4,250'	7,967'			Shale/Carbonates - oil/gas
First Bone Spring Sand	-5,705'	9,422'			Sandstone - oil/gas/water
Second Bone Spring Carbonate	-5,987'	9,703'			Shale/Carbonates - oil/gas
Second Bone Spring Sand	-6,290'	10,006'			Sandstone - oil/gas/water
Third Bone Spring Carbonate	-6,848'	10,565'			Shale/Carbonates - oil/gas
Third Bone Spring Sand	-6,914'	10,631'			Sandstone - oil/gas/water
HZ Target	-6,945'	10,662'			Sandstone - oil/gas/water
Wolfcamp	-7,009'	10,725'			Overpressure Shale - Oil/Gas

3. **Estimated depth of anticipated fresh water, oil or gas:**

Upper Permian Sands	0- 400’	Fresh Water
Delaware Sands	6,121’	Oil
1st Bone Spring Sand	9,422’	Oil
2nd Bone Spring Sand	10,006’	Oil
3rd Bone Sand	10,631’	Oil
Wolfcamp	10,725’	Oil

No other formations are expected to give up oil, gas or fresh water in measurable quantities. Surface freshwater sands will be protected by setting 13 3/8” casing at 1,900’and circulating cement back to surface.

4. **Casing Program:**

All casing strings will be run new.

Casing string	Weight	Grade	Burst	Collapse	Tension	Conn	Length	API design factor			
								Burst	Collapse	Tension	Coupling
						BTC					
Surface 13 3/8"	54.5	J-55	2730	1130	853	909	1900	1.02	1.14	4.19	4.47
0-1,900'											
						BTC					
Intermediate 9 5/8"	40	HCL-80	7430	4230	916	1042	4000	2.08	2.26	3.52	4.01
0-4,000'											
						CDC-HTQ					
Production 7"	32	HCP-110	12460	10760	1025	1053	10000	2.00	2.30	2.44	2.51
0-10,000'											
						CDC-HTQ					
Production 5 1/2"	20	HCP-110	12640	12200	641	667	10859	1.15	2.40	2.02	2.10
10,000'-20,859'						**TVD**	10662				2.13

Tapered production string will be ran with a X-over installed at the KOP of 10,000'.

Cementing Program:
Cementing Stage tool can be placed in the 1st Intermediate string as a contingency to ensure required TOC to surface.
To increase efficiency of drilling operations and minimize disturbance of the area the batch-drilling approach will be used.
Off-line cementing may be utilized for Surface and Intermediate strings to further optimization of drilling process and reduction of disturbance.

String Type	Hole Size	Casing Size	Casing Setting Depth	Sacks	Lead Type of cmt	Lead Yield ft3/sk	Lead Water gal/sk	Lead TOC ft	Tail Sacks	Tail Type of cmt	Tail Yield ft3/sk	Tail Water gal/sk	Tail TOC	Excess
Surf	17.5	13.375	1900	1016	85:15 Compass Poz, 12.8 ppg Class C, 5%Gel,3#/sk Kol Seal, 4.64#/sk Salt	2.05	11.12	0	441	Tail, 14.8 ppg, 100% Class C, 1%CaCl2, 0.1%	1.34	6.35	1500	100%
Int	12.25	9.625	4000	640	Lead, 11.3 ppg, HSLD 82 10% Gel, 4%STE, 2#/sk, Gyp Seal	2.74	16.31	0	201	Econolite Tail, 14.8 ppg, 100% Class C, 0.08% C-51	1.33	6.33	3600	100%
Prod	8.75	7	0-10000	492	HSLD 9420, 10.5 ppg, Class C, 1#/sk Salt, 4% STE 1% C-45	3.99	25.51	3000						100%
Prod	8.75	5.5	10000-20859						2710	HSLD 80, 13.ppg , 32#/sk Salt, 4% STE, 1#/sk Gyp Seal	1.52	7.59	10000	50%

5. Minimum Specifications for Pressure Control:

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5,000-psi WP). Both units will be hydraulically operated, and the ram-type will be equipped with blind rams on bottom and 4 ½" x 7" variable pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.
Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5,000/250 psig and the annular preventer to 5,000/250 psig. The surface casing will be tested to 1500 psi for 30 minutes.

Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 10,000/250 psig and the annular preventer to 5,000/250 psig.
Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

FRANKLIN MOUNTAIN ENERGY

6. Types and characteristics of the proposed mud system:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal. The applicable depths and properties of the drilling fluid systems are as follows.

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,900'	Fresh - Gel	8.6-8.8	28-34	N/c
1,900' – 4,000'	Brine	8.8-10.2	28-34	N/c
4,000' – 20859' Lateral	Oil Base	9.0-11.0	58-68	3 - 6

The highest mud weight needed to balance formation is expected to be 10-11 ppg. In order to maintain hole stability, mud weights up to 12 ppg may be utilized.
An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.
Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. Auxiliary well control and monitoring equipment:

(A) A kelly cock will be kept in the drill string at all times.
(B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be kept on the rig floor at all times.
(C) H2S monitoring and detection equipment will be utilized from surface casing point to TD.
(D) A wear bushing will be installed in the wellhead prior to drilling out of the surface casing.

8. Logging, testing and coring program:

GR–CCL-CNL Will be run in cased hole during completions phase of operations.
Open-hole logs are not planned for this well.

9. Abnormal conditions, pressures, temperatures and potential hazards:

The estimated bottom-hole temperature at 10,662' TVD (deepest point of the well) is 160F with an estimated maximum bottom-hole pressure (BHP) at the same point of 6,653 psig (based on 12 ppg MW). Hydrogen Sulfide may be present in the area. All necessary precautions will be taken before drilling operations commence. See Hydrogen Sulfide Plan below:

10. Hydrogen Sulfide Plan:

A. All personnel shall receive proper awareness H2S training.
B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
C. Required Emergency Equipment
    a. Well Control Equipment
        i. Flare line 150' from wellhead to be ignited by auto ignition sparking system.
        ii. Choke manifold with a remotely operated hydraulic choke.
        iii. Mud/gas separator
    b. Protective equipment for essential personnel
        i. Breathing Apparatus
            1. Rescue packs (SCBA) – 1 unit shall be placed at each briefing area, 2 shall be stored in a safety trailer on site.

FRANKLIN MOUNTAIN ENERGY

2. Work/Escape packs – 4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity
3. Emergency Escape Packs – 4 packs shall be stored in the doghouse for emergency evacuation.

ii. Auxiliary Rescue Equipment
1. Stretcher
2. Two OSHA full body harnesses
3. 100 feet of 5/8 inches OSHA approved rope
4. 1-20# class ABC fire extinguisher

c. H2S Detection and Monitoring Equipment
i. A stationary detector with three sensors will be placed in the doghouse if equipped, set to visually alarm at 10 ppm and audible at 14 ppm. The detector will be calibrated a minimum of every 30 days or as needed. The sensors will be placed in the following places:
1. Rig Floor
2. Below Rig Floor / Near BOPs
3. End of flow line or where well bore fluid is being discharged (near shakers)
ii. If H2S is encountered, measured values and formations will be provided to the BLM.

d. Visual Warning Systems
i. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
ii. A colored condition flag will be on display, reflecting the current condition at the site at the time.
iii. Two windsocks will be placed in strategic locations, visible from all angles.

e. Mud Program
i. The Mud program will be designed to minimize the volume of H2S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H2S bearing zones.

f. Metallurgy
i. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service at the anticipated operating pressures to prevent sour sulfide stress cracking.

g. Communication
i. Communication will be via cell phones and walkie talkies on location.

Based on concentrations of offset wells, proximity to main roads, and distance to populated areas, the radius of exposure created by a potential release was determined to be minimal and low enough to not necessitate an H2S contingency plan. This will be reevaluated during wellbore construction if H2S is observed and after the well is on production.

FRANKLIN MOUNTAIN ENERGY

11. Anticipated starting date and duration of operations:

The drilling operations on the well should be finished in approximately one month. However, in order to minimize disturbance in the area and to improve efficiency Franklin Mountain is planning to drill all the wells on the pad prior to commence completion operations. To even further reduce the time heavy machinery is used the "batch drilling" method may be used. A batch drilling sequence sundry will be submitted for State approval prior to spud. A drilling rig with walking/skidding capabilities will be used.

12. Disposal/environmental concerns:

(A) Drilled cuttings will be hauled to and disposed of in a state-certified disposal site.
(B) Non-hazardous waste mud/cement from the drilling process will also be hauled to and disposed of in a state-certified disposal site.
(C) Garbage will be hauled to the Pecos City Landfill.
(D) Sewage (grey water) will be hauled to the Carlsbad City Landfill

13. Wellhead:

A multi-bowl wellhead system will be utilized.
After running the 13 3/8" surface casing, a 13-5/8" BOP/BOPE system with a minimum working pressure of 10,000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 5,000 psi pressure test. This pressure test will be repeated at least every 21 days.

The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 5,000 psi.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type.

A solid steel body pack-off will be utilized after running and cementing the intermediate casing string. After installation of the first intermediate string the pack-off and lower flanges will be pressure tested to 5000 psi.

Both the surface and intermediate casing strings will be tested as per NMOCD Rules to the one-third of manufacture's rated yield pressure, no less than 600 psi, but not greater than 1,500 psi.

14. Additional variance requests

A. Casing.

1. Variance is requested to wave/reduce the centralizer requirements for the 7" and 5 ½" production casing due to the tight clearance with 8 3/4" hole.

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	[2] Pool Code	[3] Pool Name
30-025-51508	49680	PEARL;BONE SPRING
[4] Property Code	**[5] Property Name**	**[6] Well Number**
333786	TREBLE STATE COM	603H
[7] OGRID No.	**[8] Operator Name**	**[9] Elevation**
331595	FRANKLIN MOUNTAIN ENERGY 3, LLC	3686.1'

[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
O	34	19S	35E		250	SOUTH	1600	EAST	LEA

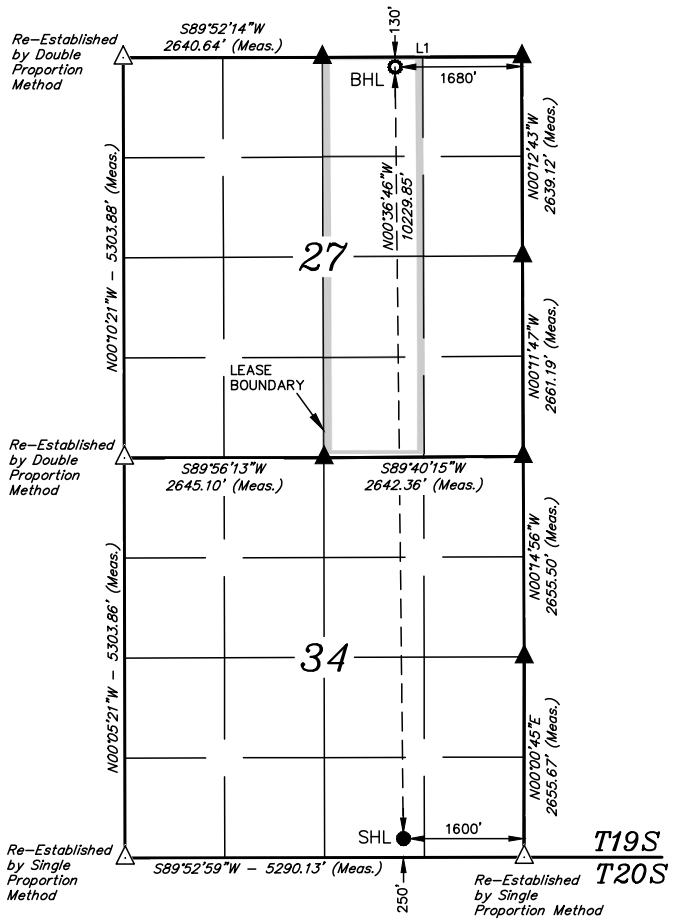
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	19S	35E		130	NORTH	1680	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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.

[16]



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°48'53"W	2643.88'

2000' 1000' 0' 2000'

SCALE

DRAWN BY: L.M.W. 04-12-23

NAD 83 (SURFACE HOLE LOCATION)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°36'36.87" (32.610243°)	LATITUDE = 32°38'18.08" (32.638354°)
LONGITUDE = -103°26'30.27" (-103.441743°)	LONGITUDE = -103°26'31.06" (-103.441960°)
NAD 27 (SURFACE HOLE LOCATION)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 32°36'36.43" (32.610119°)	LATITUDE = 32°38'17.63" (32.638231°)
LONGITUDE = -103°26'28.52" (-103.441256°)	LONGITUDE = -103°26'29.30" (-103.441472°)
STATE PLANE NAD 83 (N.M. EAST)	**STATE PLANE NAD 83 (N.M. EAST)**
N: 586888.32' E: 815878.38'	N: 597115.41' E: 815725.67'
STATE PLANE NAD 27 (N.M. EAST)	**STATE PLANE NAD 27 (N.M. EAST)**
N: 586825.45' E: 774697.26'	N: 597052.28' E: 774544.89'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.

● = SURFACE HOLE LOCATION
○ = BOTTOM HOLE LOCATION
▲ = SECTION CORNER LOCATED
△ = SECTION CORNER RE-ESTABLISHED. (Not Set on Ground.)

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 4/18/2023 Date

Rachael Overbey
Printed Name

roverbey@fmellc.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

April 5, 2023
Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE NEW MEXICO 23782 PROFESSIONAL SURVEYOR 04-12-23

Certificate Number:

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	[2] Pool Code	[3] Pool Name
30-025-51508	49685	PEARL;BONE SPRING, SOUTH
[4] Property Code	**[5] Property Name**	**[6] Well Number**
333786	TREBLE STATE COM	603H
[7] OGRID No.	**[8] Operator Name**	**[9] Elevation**
331595	FRANKLIN MOUNTAIN ENERGY 3, LLC	3686.1'

[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
O	34	19S	35E		250	SOUTH	1600	EAST	LEA

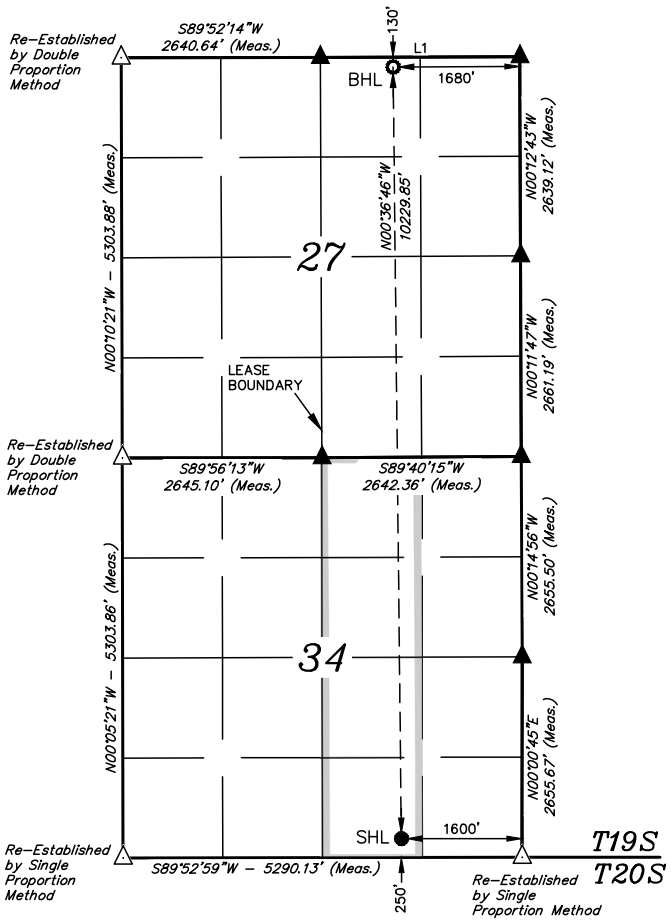
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	19S	35E		130	NORTH	1680	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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.

[16]



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°48'53"W	2643.88'

2000' 1000' 0' 2000'

SCALE

DRAWN BY: L.M.W. 04-12-23

NAD 83 (SURFACE HOLE LOCATION)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°36'36.87" (32.610243°)	LATITUDE = 32°38'18.08" (32.638354°)
LONGITUDE = -103°26'30.27" (-103.441743°)	LONGITUDE = -103°26'31.06" (-103.441960°)
NAD 27 (SURFACE HOLE LOCATION)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 32°36'36.43" (32.610119°)	LATITUDE = 32°38'17.63" (32.638231°)
LONGITUDE = -103°26'28.52" (-103.441256°)	LONGITUDE = -103°26'29.30" (-103.441472°)
STATE PLANE NAD 83 (N.M. EAST)	**STATE PLANE NAD 83 (N.M. EAST)**
N: 586888.32' E: 815878.38'	N: 597115.41' E: 815725.67'
STATE PLANE NAD 27 (N.M. EAST)	**STATE PLANE NAD 27 (N.M. EAST)**
N: 586825.45' E: 774697.26'	N: 597052.28' E: 774544.89'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.

● = SURFACE HOLE LOCATION
○ = BOTTOM HOLE LOCATION
▲ = SECTION CORNER LOCATED
△ = SECTION CORNER RE-ESTABLISHED. (Not Set on Ground.)

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 4/18/2023 Date

Rachael Overbey
Printed Name

roverbey@fmellc.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

April 5, 2023
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number:

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: ___Franklin Mountain Energy 3, LLC_____ **OGRID:** ____331595_____ **Date:** __5/_17_/2023

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
See Attached Well List						

IV. Central Delivery Point Name: _____Treble CTB _____ [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
See Attached Well List						

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan
EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☒ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

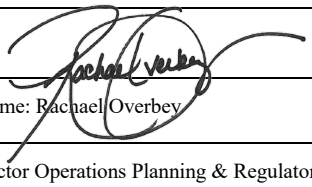
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: 
Printed Name: Rachael Overbey
Title: Director Operations Planning & Regulatory
E-mail Address: roverbey@fmellc.com
Date: 5/17/2023
Phone: 720-414-7868

OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

NATURAL GAS MANAGEMENT PLAN

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API 14 Digit	ULSTR	Surface Location FTG	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Treble State Com 301H	30-025-51107	M-34-19S-35E	265 FSL 820 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 302H	30-025-51108	N-34-19S-35E	265 FSL 1845 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 501H	30-025-51122	M-34-19S-35E	265 FSL 795 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 502H	30-025-51123	N-34-19S-35E	265 FSL 1820 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 601H	30-025-51124	M-34-19S-35E	265 FSL 695 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 602H	30-025-51125	N-34-19S-35E	265 FSL 1970 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 701H	30-025-51109	M-34-19S-35E	265 FSL 670 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 702H	30-025-51110	N-34-19S-35E	265 FSL 1945 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 801H	30-025-51111	M-34-19S-35E	265 FSL 720 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 802H	30-025-51112	N-34-19S-35E	265 FSL 1870 FWL	800 +/-	700 +/-	2500 +/-
Treble State Com 303H	TBD	O-34-19S-35E	250 FSL 1425 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 304H	TBD	O-34-19S-35E	250 FSL 1400 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 503H	TBD	O-34-19S-35E	250 FSL 1650 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 504H	TBD	O-34-19S-35E	250 FSL 1625 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 603H	TBD	O-34-19S-35E	250 FSL 1600 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 604H	TBD	O-34-19S-35E	250 FSL 1575 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 703H	TBD	O-34-19S-35E	250 FSL 1550 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 704H	TBD	O-34-19S-35E	250 FSL 1525 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 803H	TBD	O-34-19S-35E	250 FSL 1375 FEL	800 +/-	700 +/-	2500 +/-
Treble State Com 804H	TBD	O-34-19S-35E	250 FSL 1350 FEL	800 +/-	700 +/-	2500 +/-

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API 14 Digit	Spud Date (Batch Drilling)	TD Reached Date	Completion Commencement Date	Initial Flowback Date	First Production Date
Treble State Com 301H	30-025-51107	5/1/2023	8/9/2023	8/24/2023	9/3/2023	9/5/2023
Treble State Com 302H	30-025-51108	6/1/2023	9/9/2023	9/24/2023	10/4/2023	10/6/2023
Treble State Com 501H	30-025-51122	5/1/2023	8/9/2023	8/24/2023	9/3/2023	9/5/2023
Treble State Com 502H	30-025-51123	6/1/2023	9/9/2023	9/24/2023	10/4/2023	10/6/2023
Treble State Com 601H	30-025-51124	5/1/2023	8/9/2023	8/24/2023	9/3/2023	9/5/2023
Treble State Com 602H	30-025-51125	6/1/2023	9/9/2023	9/24/2023	10/4/2023	10/6/2023
Treble State Com 701H	30-025-51109	5/1/2023	8/9/2023	8/24/2023	9/3/2023	9/5/2023
Treble State Com 702H	30-025-51110	6/1/2023	9/9/2023	9/24/2023	10/4/2023	10/6/2023
Treble State Com 801H	30-025-51111	5/1/2023	8/9/2023	8/24/2023	9/3/2023	9/5/2023
Treble State Com 802H	30-025-51112	6/1/2023	9/9/2023	9/24/2023	10/4/2023	10/6/2023
Treble State Com 303H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 304H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 503H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 504H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 603H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 604H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 703H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 704H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 803H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024
Treble State Com 804H	TBD	11/1/2023	3/30/2024	5/29/2024	6/8/2024	6/10/2024

FRANKLIN MOUNTAIN ENERGY

Natural Gas Management Plan

Items VI-VIII

VI. Separation Equipment: Attach a complete description of how Operator will size separation equipment to optimize gas capture.

- Data from surrounding wells is used to generate type curves which provides the basis for expected gas rates during initial production, peak production and then the natural decline.
- Separation equipment will be sized to provide adequate separation for peak production.
- Facility design includes multiple stages of separation to minimize gas waste. Wells flow through a a 3-phase separator to remove gas. Gas from the 3 Phase separators are then sent through a gas scrubber before being route to treatment and/or sales.
- Industry standard sizing calculations are used for gas-liquid separation and liquid-liquid separation.

VII. Operational Practices: Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F 19.15.27.8 NMAC.

- Drilling, completion and production setup is designed to minimize the waste of natural gas and to flare instead of vent.
- *Drilling Operations:*
  - Natural gas encountered will be flared instead of vented unless there is an equipment malfunction and/or to avoid risking safety or the environment.
  - Flares will be properly sized and placed at least 100’ from the nearest surface hole on the pad.
- *Completions/Recompletions Operations:*
  - Flowback operations will not commence until connected to a properly sized gas gathering system.
  - During initial flowback wells are routed to the separation equipment as soon as technically feasible to minimize gas waste.
  - During separation flowback wells are routed to the separation equipment to minimize gas waste.
  - Gas sales is maximized. Gas will be flared instead of vented during an emergency or malfunction to avoid posing a risk to operations or personnel safety.
  - Flares are properly sized with a continuous pilot.
- *Production Operations:*
  - Gas sales will be maximized. Gas will be flared instead of vented during an emergency or malfunction to avoid posing a risk to operations or personnel safety.
  - After a well is stabilized from liquid unloading, the well will be turned back into the collection system.
- *Performance Standards:*
  - The facility will be designed to handle peak production rates and pressures.
  - All tanks will have automatic gauging equipment.
  - Flares will be designed to ensure proper combustion and will have continuous pilots. Flares will be located 100’ from nearest surface hole on the pad and storage tanks.
  - Weekly AVOs will be performed, and any leaking thief hatches will be cleaned and properly re-sealed.
- *Measurement and Calibration:*

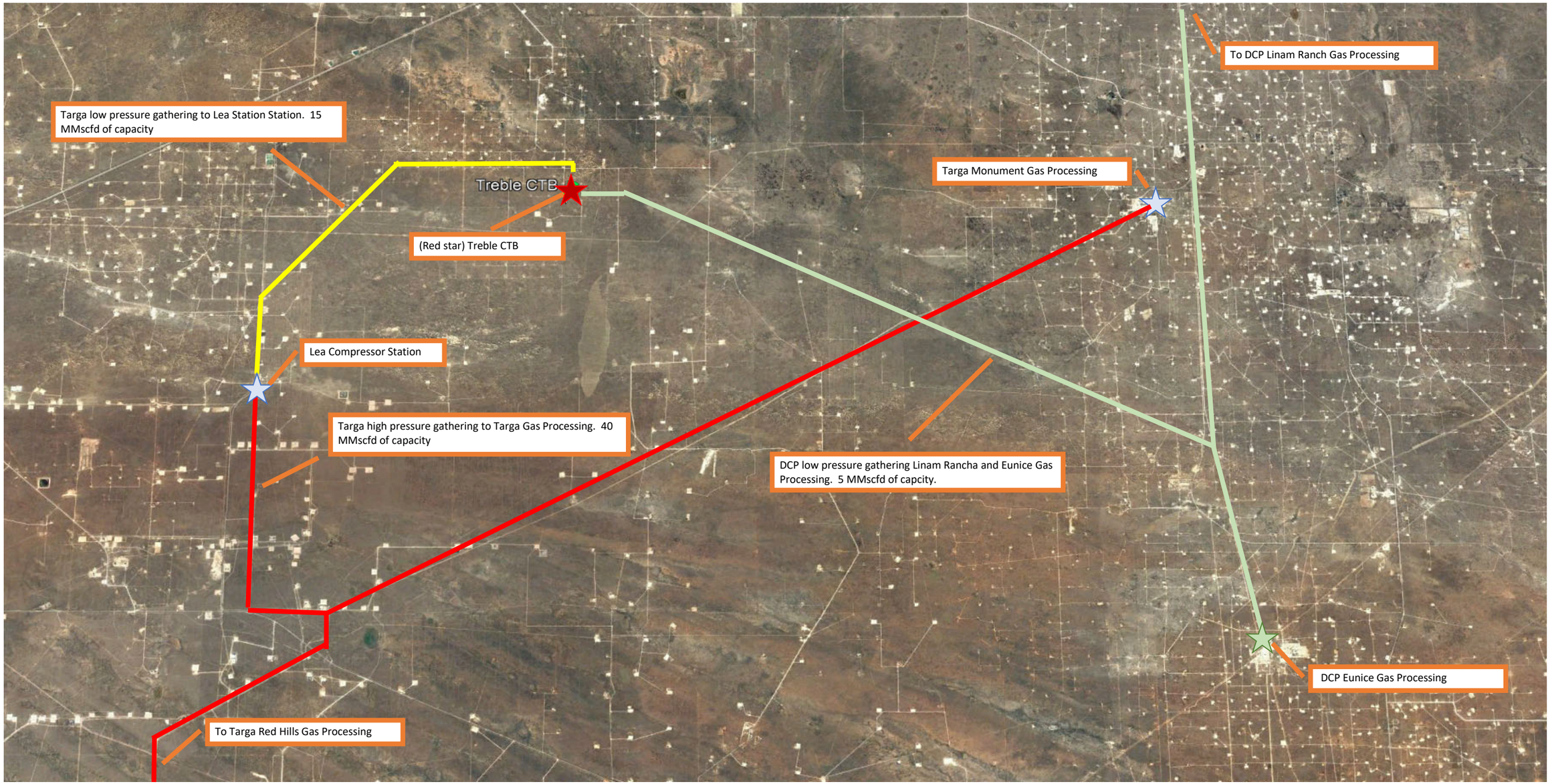
FRANKLIN MOUNTAIN ENERGY

- All volume that is flared and vented that is not measured will be estimated.
- When metering is not practical due to low pressure/rate, all vented or flared volumes will be estimated.
- Measurement will conform to industry standards. Measurement will not be bypassed except for purposes of inspection or calibration.

VIII. Best Management Practices: Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

- Venting will be minimized during active and planned maintenance.
- Systems and equipment requiring maintenance will be isolated and blown down to sales and then flare before any remaining gas is vented in an effort to minimize waste and venting.
- Downhole maintenance will use best management practices to minimize vent.

Treble NGMP Map
Feb 2023
- Capacities reflected are FME's understanding of 3rd party midstream system capacities



Franklin Mountain Energy

Lea Co., NM (NAD-83)
Treble East Pad
Treble State Com 603H

OH

Plan: Plan 1

Standard Planning Report

16 May, 2023

Plan #1

Project: Lea Co., NM (NAD-83)
Site: Treble East Pad
Well: Treble State Com 603H
Wellbore: OH
Design: Plan 1
Lat: 32.610243
Long: -103.441743
GL: 3687.00
KB: KB=30' @ 3717.00usft

FRANKLIN MOUNTAIN ENERGY

ALTITUDE ENERGY PARTNERS

WELL DETAILS: Treble State Com 603H

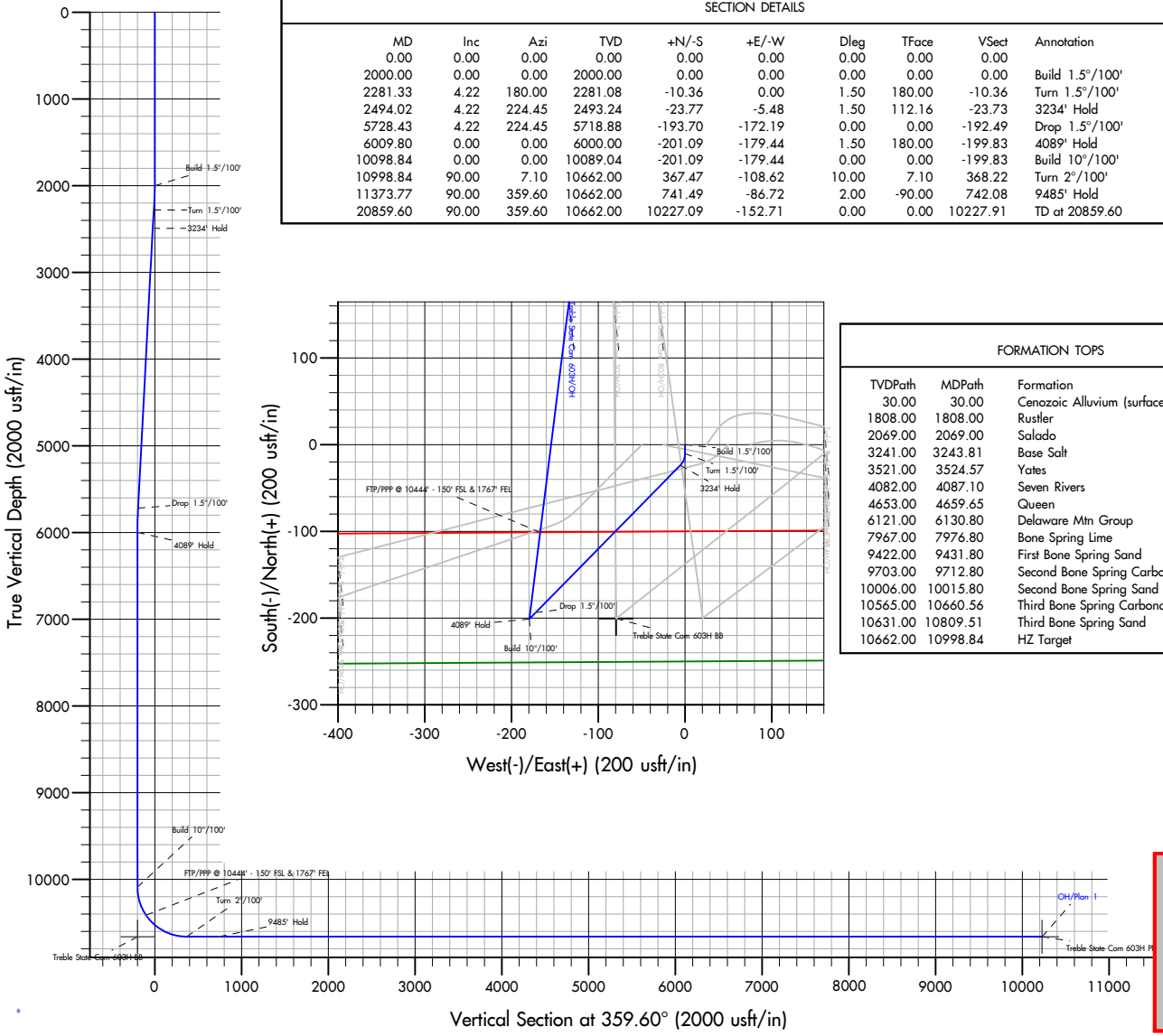
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	586888.32	815878.38	32.610243	-103.441743

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Treble State Com 603H BB	10662.00	-200.46	-79.44	586687.86	815798.94	Point
Treble State Com 603H PBHL	10662.00	10227.09	-152.71	597115.41	815725.67	Point

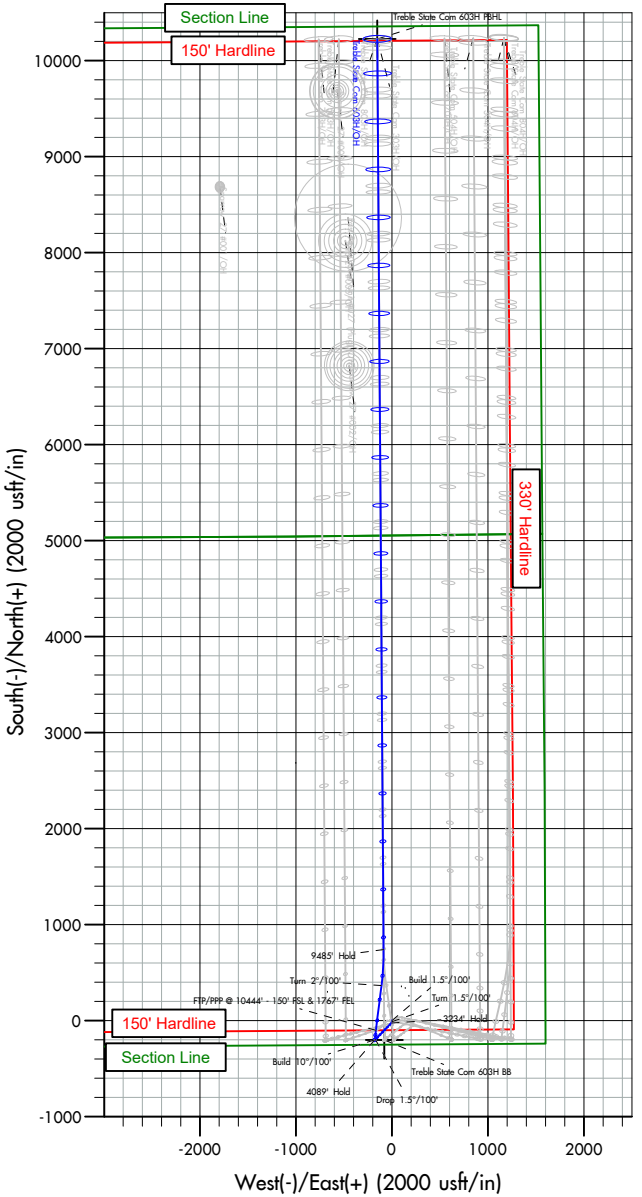
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	Build 1.5°/100'
2281.33	4.22	180.00	2281.08	-10.36	0.00	1.50	180.00	-10.36	Turn 1.5°/100'
2494.02	4.22	224.45	2493.24	-23.77	-5.48	1.50	112.16	-23.73	3234' Hold
5728.43	4.22	224.45	5718.88	-193.70	-172.19	0.00	0.00	-192.49	Drop 1.5°/100'
6009.80	0.00	0.00	6000.00	-201.09	-179.44	1.50	180.00	-199.83	4089' Hold
10098.84	0.00	0.00	10089.04	-201.09	-179.44	0.00	0.00	-199.83	Build 10°/100'
10998.84	90.00	7.10	10662.00	367.47	-108.62	10.00	7.10	368.22	Turn 2°/100'
11373.77	90.00	359.60	10662.00	741.49	-86.72	2.00	-90.00	742.08	9485' Hold
20859.60	90.00	359.60	10662.00	10227.09	-152.71	0.00	0.00	10227.91	TD at 20859.60



FORMATION TOPS

TVDPath	MDPath	Formation
30.00	30.00	Cenozoic Alluvium (surface)
1808.00	1808.00	Rustler
2069.00	2069.00	Salado
3241.00	3243.81	Base Salt
3521.00	3524.57	Yates
4082.00	4087.10	Seven Rivers
4653.00	4659.65	Queen
6121.00	6130.80	Delaware Mtn Group
7967.00	7976.80	Bone Spring Lime
9422.00	9431.80	First Bone Spring Sand
9703.00	9712.80	Second Bone Spring Carbonate
10006.00	10015.80	Second Bone Spring Sand
10565.00	10660.56	Third Bone Spring Carbonate
10631.00	10809.51	Third Bone Spring Sand
10662.00	10998.84	HZ Target



Azimuths to Grid North
True North: -0.48°
Magnetic North: 5.75°

Magnetic Field
Strength: 47650.8nT
Dip Angle: 60.42°
Date: 5/16/2023
Model: HRGM

Plan: Plan 1 (Treble State Com 603H/OH)

Created By: Dusty Moyer Date: 19:18, May 16 2023

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Project Lea Co., NM (NAD-83)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Treble East Pad

Site Position:		**Northing:**	586,889.42 usft	**Latitude:**	32.610242
From:	Map	**Easting:**	816,053.35 usft	**Longitude:**	-103.441175
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "		

Well Treble State Com 603H

Well Position	**+N/-S**	0.00 usft	**Northing:**	586,888.32 usft	**Latitude:**	32.610243
	+E/-W	0.00 usft	**Easting:**	815,878.38 usft	**Longitude:**	-103.441743
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,687.00 usft
Grid Convergence:		0.48 °				

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	5/16/2023	6.23	60.42	47,650.79870578

Design Plan 1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	359.60

Plan Survey Tool Program **Date** 5/16/2023

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	20,859.29	Plan 1 (OH)	MWD+HDGM OWSG MWD + HRGM	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,281.33	4.22	180.00	2,281.08	-10.36	0.00	1.50	1.50	0.00	180.00	
2,494.02	4.22	224.45	2,493.24	-23.77	-5.48	1.50	0.00	20.90	112.16	
5,728.43	4.22	224.45	5,718.88	-193.70	-172.19	0.00	0.00	0.00	0.00	
6,009.80	0.00	0.00	6,000.00	-201.09	-179.44	1.50	-1.50	0.00	180.00	
10,098.84	0.00	0.00	10,089.04	-201.09	-179.44	0.00	0.00	0.00	0.00	
10,998.84	90.00	7.10	10,662.00	367.47	-108.62	10.00	10.00	0.00	7.10	
11,373.77	90.00	359.60	10,662.00	741.49	-86.72	2.00	0.00	-2.00	-90.00	
20,859.60	90.00	359.60	10,662.00	10,227.09	-152.71	0.00	0.00	0.00	0.00	Treble State Com 6

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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
30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00
Cenozoic Alluvium (surface)									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,808.00	0.00	0.00	1,808.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 1.5°/100'									
2,069.00	1.04	180.00	2,069.00	-0.62	0.00	-0.62	1.50	1.50	0.00
Salado									
2,100.00	1.50	180.00	2,099.99	-1.31	0.00	-1.31	1.50	1.50	0.00
2,200.00	3.00	180.00	2,199.91	-5.23	0.00	-5.23	1.50	1.50	0.00
2,281.33	4.22	180.00	2,281.08	-10.36	0.00	-10.36	1.50	1.50	0.00
Turn 1.5°/100'									
2,300.00	4.12	183.61	2,299.70	-11.71	-0.04	-11.71	1.50	-0.52	19.34
2,400.00	3.91	204.94	2,399.46	-18.39	-1.71	-18.38	1.50	-0.21	21.33
2,494.02	4.22	224.45	2,493.24	-23.77	-5.48	-23.73	1.50	0.33	20.76
3234' Hold									
2,500.00	4.22	224.45	2,499.21	-24.09	-5.79	-24.04	0.00	0.00	0.00
2,600.00	4.22	224.45	2,598.94	-29.34	-10.94	-29.26	0.00	0.00	0.00
2,700.00	4.22	224.45	2,698.67	-34.59	-16.10	-34.48	0.00	0.00	0.00
2,800.00	4.22	224.45	2,798.39	-39.85	-21.25	-39.70	0.00	0.00	0.00
2,900.00	4.22	224.45	2,898.12	-45.10	-26.41	-44.91	0.00	0.00	0.00
3,000.00	4.22	224.45	2,997.85	-50.35	-31.56	-50.13	0.00	0.00	0.00
3,100.00	4.22	224.45	3,097.58	-55.61	-36.72	-55.35	0.00	0.00	0.00
3,200.00	4.22	224.45	3,197.31	-60.86	-41.87	-60.57	0.00	0.00	0.00
3,243.81	4.22	224.45	3,241.00	-63.16	-44.13	-62.85	0.00	0.00	0.00
Base Salt									
3,300.00	4.22	224.45	3,297.04	-66.11	-47.02	-65.78	0.00	0.00	0.00
3,400.00	4.22	224.45	3,396.77	-71.37	-52.18	-71.00	0.00	0.00	0.00
3,500.00	4.22	224.45	3,496.50	-76.62	-57.33	-76.22	0.00	0.00	0.00
3,524.57	4.22	224.45	3,521.00	-77.91	-58.60	-77.50	0.00	0.00	0.00
Yates									
3,600.00	4.22	224.45	3,596.22	-81.88	-62.49	-81.44	0.00	0.00	0.00
3,700.00	4.22	224.45	3,695.95	-87.13	-67.64	-86.65	0.00	0.00	0.00

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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)
3,800.00	4.22	224.45	3,795.68	-92.38	-72.79	-91.87	0.00	0.00	0.00
3,900.00	4.22	224.45	3,895.41	-97.64	-77.95	-97.09	0.00	0.00	0.00
4,000.00	4.22	224.45	3,995.14	-102.89	-83.10	-102.31	0.00	0.00	0.00
4,087.10	4.22	224.45	4,082.00	-107.47	-87.59	-106.85	0.00	0.00	0.00
Seven Rivers									
4,100.00	4.22	224.45	4,094.87	-108.14	-88.26	-107.53	0.00	0.00	0.00
4,200.00	4.22	224.45	4,194.60	-113.40	-93.41	-112.74	0.00	0.00	0.00
4,300.00	4.22	224.45	4,294.33	-118.65	-98.56	-117.96	0.00	0.00	0.00
4,400.00	4.22	224.45	4,394.06	-123.90	-103.72	-123.18	0.00	0.00	0.00
4,500.00	4.22	224.45	4,493.78	-129.16	-108.87	-128.40	0.00	0.00	0.00
4,600.00	4.22	224.45	4,593.51	-134.41	-114.03	-133.61	0.00	0.00	0.00
4,659.65	4.22	224.45	4,653.00	-137.55	-117.10	-136.72	0.00	0.00	0.00
Queen									
4,700.00	4.22	224.45	4,693.24	-139.67	-119.18	-138.83	0.00	0.00	0.00
4,800.00	4.22	224.45	4,792.97	-144.92	-124.33	-144.05	0.00	0.00	0.00
4,900.00	4.22	224.45	4,892.70	-150.17	-129.49	-149.27	0.00	0.00	0.00
5,000.00	4.22	224.45	4,992.43	-155.43	-134.64	-154.48	0.00	0.00	0.00
5,100.00	4.22	224.45	5,092.16	-160.68	-139.80	-159.70	0.00	0.00	0.00
5,200.00	4.22	224.45	5,191.89	-165.93	-144.95	-164.92	0.00	0.00	0.00
5,300.00	4.22	224.45	5,291.61	-171.19	-150.10	-170.14	0.00	0.00	0.00
5,400.00	4.22	224.45	5,391.34	-176.44	-155.26	-175.35	0.00	0.00	0.00
5,500.00	4.22	224.45	5,491.07	-181.69	-160.41	-180.57	0.00	0.00	0.00
5,600.00	4.22	224.45	5,590.80	-186.95	-165.57	-185.79	0.00	0.00	0.00
5,700.00	4.22	224.45	5,690.53	-192.20	-170.72	-191.01	0.00	0.00	0.00
5,728.43	4.22	224.45	5,718.88	-193.70	-172.19	-192.49	0.00	0.00	0.00
Drop 1.5°/100'									
5,800.00	3.15	224.45	5,790.30	-196.98	-175.41	-195.75	1.50	-1.50	0.00
5,900.00	1.65	224.45	5,890.21	-199.96	-178.33	-198.71	1.50	-1.50	0.00
6,009.80	0.00	0.00	6,000.00	-201.09	-179.44	-199.83	1.50	-1.50	123.45
4089' Hold									
6,100.00	0.00	0.00	6,090.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,130.80	0.00	0.00	6,121.00	-201.09	-179.44	-199.83	0.00	0.00	0.00
Delaware Mtn Group									
6,200.00	0.00	0.00	6,190.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,300.00	0.00	0.00	6,290.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,400.00	0.00	0.00	6,390.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,500.00	0.00	0.00	6,490.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,600.00	0.00	0.00	6,590.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,700.00	0.00	0.00	6,690.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,800.00	0.00	0.00	6,790.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
6,900.00	0.00	0.00	6,890.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,000.00	0.00	0.00	6,990.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,100.00	0.00	0.00	7,090.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,200.00	0.00	0.00	7,190.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,300.00	0.00	0.00	7,290.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,400.00	0.00	0.00	7,390.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,500.00	0.00	0.00	7,490.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,600.00	0.00	0.00	7,590.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,700.00	0.00	0.00	7,690.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,800.00	0.00	0.00	7,790.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,900.00	0.00	0.00	7,890.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
7,976.80	0.00	0.00	7,967.00	-201.09	-179.44	-199.83	0.00	0.00	0.00
Bone Spring Lime									

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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)
8,000.00	0.00	0.00	7,990.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,100.00	0.00	0.00	8,090.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,200.00	0.00	0.00	8,190.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,300.00	0.00	0.00	8,290.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,400.00	0.00	0.00	8,390.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,500.00	0.00	0.00	8,490.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,600.00	0.00	0.00	8,590.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,700.00	0.00	0.00	8,690.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,800.00	0.00	0.00	8,790.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
8,900.00	0.00	0.00	8,890.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,000.00	0.00	0.00	8,990.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,100.00	0.00	0.00	9,090.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,200.00	0.00	0.00	9,190.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,300.00	0.00	0.00	9,290.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,400.00	0.00	0.00	9,390.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,431.80	0.00	0.00	9,422.00	-201.09	-179.44	-199.83	0.00	0.00	0.00
First Bone Spring Sand									
9,500.00	0.00	0.00	9,490.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,600.00	0.00	0.00	9,590.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,700.00	0.00	0.00	9,690.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,712.80	0.00	0.00	9,703.00	-201.09	-179.44	-199.83	0.00	0.00	0.00
Second Bone Spring Carbonate									
9,800.00	0.00	0.00	9,790.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
9,900.00	0.00	0.00	9,890.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
10,000.00	0.00	0.00	9,990.20	-201.09	-179.44	-199.83	0.00	0.00	0.00
10,015.80	0.00	0.00	10,006.00	-201.09	-179.44	-199.83	0.00	0.00	0.00
Second Bone Spring Sand									
10,098.84	0.00	0.00	10,089.04	-201.09	-179.44	-199.83	0.00	0.00	0.00
Build 10°/100'									
10,100.00	0.12	7.10	10,090.20	-201.09	-179.44	-199.83	9.98	9.98	0.00
10,150.00	5.12	7.10	10,140.13	-198.83	-179.16	-197.57	10.00	10.00	0.00
10,200.00	10.12	7.10	10,189.67	-192.25	-178.34	-191.00	10.00	10.00	0.00
10,250.00	15.12	7.10	10,238.45	-181.42	-176.99	-180.18	10.00	10.00	0.00
10,300.00	20.12	7.10	10,286.09	-166.41	-175.12	-165.18	10.00	10.00	0.00
10,350.00	25.12	7.10	10,332.23	-147.33	-172.74	-146.12	10.00	10.00	0.00
10,400.00	30.12	7.10	10,376.52	-124.34	-169.88	-123.15	10.00	10.00	0.00
10,444.00	34.52	7.10	10,413.70	-101.01	-166.97	-99.84	10.00	10.00	0.00
FTP/PPP @ 10444' - 150' FSL & 1767' FEL									
10,450.00	35.12	7.10	10,418.62	-97.61	-166.55	-96.44	10.00	10.00	0.00
10,500.00	40.12	7.10	10,458.22	-67.33	-162.78	-66.19	10.00	10.00	0.00
10,550.00	45.12	7.10	10,495.00	-33.75	-158.60	-32.64	10.00	10.00	0.00
10,600.00	50.12	7.10	10,528.69	2.89	-154.03	3.96	10.00	10.00	0.00
10,650.00	55.12	7.10	10,559.04	42.30	-149.12	43.34	10.00	10.00	0.00
10,660.56	56.17	7.10	10,565.00	50.95	-148.05	51.98	10.00	10.00	0.00
Third Bone Spring Carbonate									
10,700.00	60.12	7.10	10,585.81	84.19	-143.91	85.19	10.00	10.00	0.00
10,750.00	65.12	7.10	10,608.80	128.23	-138.42	129.19	10.00	10.00	0.00
10,800.00	70.12	7.10	10,627.84	174.09	-132.71	175.02	10.00	10.00	0.00
10,809.51	71.07	7.10	10,631.00	183.00	-131.60	183.91	10.00	10.00	0.00
Third Bone Spring Sand									
10,850.00	75.12	7.10	10,642.77	221.43	-126.81	222.31	10.00	10.00	0.00
10,900.00	80.12	7.10	10,653.49	269.88	-120.78	270.71	10.00	10.00	0.00
10,950.00	85.12	7.10	10,659.92	319.07	-114.65	319.86	10.00	10.00	0.00

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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)
10,998.84	90.00	7.10	10,662.00	367.47	-108.62	368.22	10.00	10.00	0.00
Turn 2°/100' - HZ Target									
11,000.00	90.00	7.08	10,662.00	368.62	-108.48	369.37	2.00	0.00	-2.00
11,100.00	90.00	5.08	10,662.00	468.06	-97.89	468.73	2.00	0.00	-2.00
11,200.00	90.00	3.08	10,662.00	567.80	-90.78	568.42	2.00	0.00	-2.00
11,300.00	90.00	1.08	10,662.00	667.73	-87.16	668.32	2.00	0.00	-2.00
11,373.77	90.00	359.60	10,662.00	741.49	-86.72	742.08	2.00	0.00	-2.00
9485' Hold									
11,400.00	90.00	359.60	10,662.00	767.72	-86.91	768.31	0.00	0.00	0.00
11,500.00	90.00	359.60	10,662.00	867.72	-87.60	868.31	0.00	0.00	0.00
11,600.00	90.00	359.60	10,662.00	967.72	-88.30	968.31	0.00	0.00	0.00
11,700.00	90.00	359.60	10,662.00	1,067.72	-88.99	1,068.31	0.00	0.00	0.00
11,800.00	90.00	359.60	10,662.00	1,167.71	-89.69	1,168.31	0.00	0.00	0.00
11,900.00	90.00	359.60	10,662.00	1,267.71	-90.38	1,268.31	0.00	0.00	0.00
12,000.00	90.00	359.60	10,662.00	1,367.71	-91.08	1,368.31	0.00	0.00	0.00
12,100.00	90.00	359.60	10,662.00	1,467.71	-91.78	1,468.31	0.00	0.00	0.00
12,200.00	90.00	359.60	10,662.00	1,567.70	-92.47	1,568.31	0.00	0.00	0.00
12,300.00	90.00	359.60	10,662.00	1,667.70	-93.17	1,668.31	0.00	0.00	0.00
12,400.00	90.00	359.60	10,662.00	1,767.70	-93.86	1,768.31	0.00	0.00	0.00
12,500.00	90.00	359.60	10,662.00	1,867.70	-94.56	1,868.31	0.00	0.00	0.00
12,600.00	90.00	359.60	10,662.00	1,967.69	-95.25	1,968.31	0.00	0.00	0.00
12,700.00	90.00	359.60	10,662.00	2,067.69	-95.95	2,068.31	0.00	0.00	0.00
12,800.00	90.00	359.60	10,662.00	2,167.69	-96.64	2,168.31	0.00	0.00	0.00
12,900.00	90.00	359.60	10,662.00	2,267.69	-97.34	2,268.31	0.00	0.00	0.00
13,000.00	90.00	359.60	10,662.00	2,367.68	-98.04	2,368.31	0.00	0.00	0.00
13,100.00	90.00	359.60	10,662.00	2,467.68	-98.73	2,468.31	0.00	0.00	0.00
13,200.00	90.00	359.60	10,662.00	2,567.68	-99.43	2,568.31	0.00	0.00	0.00
13,300.00	90.00	359.60	10,662.00	2,667.68	-100.12	2,668.31	0.00	0.00	0.00
13,400.00	90.00	359.60	10,662.00	2,767.68	-100.82	2,768.31	0.00	0.00	0.00
13,500.00	90.00	359.60	10,662.00	2,867.67	-101.51	2,868.31	0.00	0.00	0.00
13,600.00	90.00	359.60	10,662.00	2,967.67	-102.21	2,968.31	0.00	0.00	0.00
13,700.00	90.00	359.60	10,662.00	3,067.67	-102.91	3,068.31	0.00	0.00	0.00
13,800.00	90.00	359.60	10,662.00	3,167.67	-103.60	3,168.31	0.00	0.00	0.00
13,900.00	90.00	359.60	10,662.00	3,267.66	-104.30	3,268.31	0.00	0.00	0.00
14,000.00	90.00	359.60	10,662.00	3,367.66	-104.99	3,368.31	0.00	0.00	0.00
14,100.00	90.00	359.60	10,662.00	3,467.66	-105.69	3,468.31	0.00	0.00	0.00
14,200.00	90.00	359.60	10,662.00	3,567.66	-106.38	3,568.31	0.00	0.00	0.00
14,300.00	90.00	359.60	10,662.00	3,667.65	-107.08	3,668.31	0.00	0.00	0.00
14,400.00	90.00	359.60	10,662.00	3,767.65	-107.77	3,768.31	0.00	0.00	0.00
14,500.00	90.00	359.60	10,662.00	3,867.65	-108.47	3,868.31	0.00	0.00	0.00
14,600.00	90.00	359.60	10,662.00	3,967.65	-109.17	3,968.31	0.00	0.00	0.00
14,700.00	90.00	359.60	10,662.00	4,067.64	-109.86	4,068.31	0.00	0.00	0.00
14,800.00	90.00	359.60	10,662.00	4,167.64	-110.56	4,168.31	0.00	0.00	0.00
14,900.00	90.00	359.60	10,662.00	4,267.64	-111.25	4,268.31	0.00	0.00	0.00
15,000.00	90.00	359.60	10,662.00	4,367.64	-111.95	4,368.31	0.00	0.00	0.00
15,100.00	90.00	359.60	10,662.00	4,467.63	-112.64	4,468.31	0.00	0.00	0.00
15,200.00	90.00	359.60	10,662.00	4,567.63	-113.34	4,568.31	0.00	0.00	0.00
15,300.00	90.00	359.60	10,662.00	4,667.63	-114.04	4,668.31	0.00	0.00	0.00
15,400.00	90.00	359.60	10,662.00	4,767.63	-114.73	4,768.31	0.00	0.00	0.00
15,500.00	90.00	359.60	10,662.00	4,867.62	-115.43	4,868.31	0.00	0.00	0.00
15,600.00	90.00	359.60	10,662.00	4,967.62	-116.12	4,968.31	0.00	0.00	0.00
15,700.00	90.00	359.60	10,662.00	5,067.62	-116.82	5,068.31	0.00	0.00	0.00
15,800.00	90.00	359.60	10,662.00	5,167.62	-117.51	5,168.31	0.00	0.00	0.00
15,900.00	90.00	359.60	10,662.00	5,267.61	-118.21	5,268.31	0.00	0.00	0.00

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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)
16,000.00	90.00	359.60	10,662.00	5,367.61	-118.91	5,368.31	0.00	0.00	0.00
16,100.00	90.00	359.60	10,662.00	5,467.61	-119.60	5,468.31	0.00	0.00	0.00
16,200.00	90.00	359.60	10,662.00	5,567.61	-120.30	5,568.31	0.00	0.00	0.00
16,300.00	90.00	359.60	10,662.00	5,667.61	-120.99	5,668.31	0.00	0.00	0.00
16,400.00	90.00	359.60	10,662.00	5,767.60	-121.69	5,768.31	0.00	0.00	0.00
16,500.00	90.00	359.60	10,662.00	5,867.60	-122.38	5,868.31	0.00	0.00	0.00
16,600.00	90.00	359.60	10,662.00	5,967.60	-123.08	5,968.31	0.00	0.00	0.00
16,700.00	90.00	359.60	10,662.00	6,067.60	-123.77	6,068.31	0.00	0.00	0.00
16,800.00	90.00	359.60	10,662.00	6,167.59	-124.47	6,168.31	0.00	0.00	0.00
16,900.00	90.00	359.60	10,662.00	6,267.59	-125.17	6,268.31	0.00	0.00	0.00
17,000.00	90.00	359.60	10,662.00	6,367.59	-125.86	6,368.31	0.00	0.00	0.00
17,100.00	90.00	359.60	10,662.00	6,467.59	-126.56	6,468.31	0.00	0.00	0.00
17,200.00	90.00	359.60	10,662.00	6,567.58	-127.25	6,568.31	0.00	0.00	0.00
17,300.00	90.00	359.60	10,662.00	6,667.58	-127.95	6,668.31	0.00	0.00	0.00
17,400.00	90.00	359.60	10,662.00	6,767.58	-128.64	6,768.31	0.00	0.00	0.00
17,500.00	90.00	359.60	10,662.00	6,867.58	-129.34	6,868.31	0.00	0.00	0.00
17,600.00	90.00	359.60	10,662.00	6,967.57	-130.04	6,968.31	0.00	0.00	0.00
17,700.00	90.00	359.60	10,662.00	7,067.57	-130.73	7,068.31	0.00	0.00	0.00
17,800.00	90.00	359.60	10,662.00	7,167.57	-131.43	7,168.31	0.00	0.00	0.00
17,900.00	90.00	359.60	10,662.00	7,267.57	-132.12	7,268.31	0.00	0.00	0.00
18,000.00	90.00	359.60	10,662.00	7,367.56	-132.82	7,368.31	0.00	0.00	0.00
18,100.00	90.00	359.60	10,662.00	7,467.56	-133.51	7,468.31	0.00	0.00	0.00
18,200.00	90.00	359.60	10,662.00	7,567.56	-134.21	7,568.31	0.00	0.00	0.00
18,300.00	90.00	359.60	10,662.00	7,667.56	-134.90	7,668.31	0.00	0.00	0.00
18,400.00	90.00	359.60	10,662.00	7,767.55	-135.60	7,768.31	0.00	0.00	0.00
18,500.00	90.00	359.60	10,662.00	7,867.55	-136.30	7,868.31	0.00	0.00	0.00
18,600.00	90.00	359.60	10,662.00	7,967.55	-136.99	7,968.31	0.00	0.00	0.00
18,700.00	90.00	359.60	10,662.00	8,067.55	-137.69	8,068.31	0.00	0.00	0.00
18,800.00	90.00	359.60	10,662.00	8,167.54	-138.38	8,168.31	0.00	0.00	0.00
18,900.00	90.00	359.60	10,662.00	8,267.54	-139.08	8,268.31	0.00	0.00	0.00
19,000.00	90.00	359.60	10,662.00	8,367.54	-139.77	8,368.31	0.00	0.00	0.00
19,100.00	90.00	359.60	10,662.00	8,467.54	-140.47	8,468.31	0.00	0.00	0.00
19,200.00	90.00	359.60	10,662.00	8,567.54	-141.17	8,568.31	0.00	0.00	0.00
19,300.00	90.00	359.60	10,662.00	8,667.53	-141.86	8,668.31	0.00	0.00	0.00
19,400.00	90.00	359.60	10,662.00	8,767.53	-142.56	8,768.31	0.00	0.00	0.00
19,500.00	90.00	359.60	10,662.00	8,867.53	-143.25	8,868.31	0.00	0.00	0.00
19,600.00	90.00	359.60	10,662.00	8,967.53	-143.95	8,968.31	0.00	0.00	0.00
19,700.00	90.00	359.60	10,662.00	9,067.52	-144.64	9,068.31	0.00	0.00	0.00
19,800.00	90.00	359.60	10,662.00	9,167.52	-145.34	9,168.31	0.00	0.00	0.00
19,900.00	90.00	359.60	10,662.00	9,267.52	-146.03	9,268.31	0.00	0.00	0.00
20,000.00	90.00	359.60	10,662.00	9,367.52	-146.73	9,368.31	0.00	0.00	0.00
20,100.00	90.00	359.60	10,662.00	9,467.51	-147.43	9,468.31	0.00	0.00	0.00
20,200.00	90.00	359.60	10,662.00	9,567.51	-148.12	9,568.31	0.00	0.00	0.00
20,300.00	90.00	359.60	10,662.00	9,667.51	-148.82	9,668.31	0.00	0.00	0.00
20,400.00	90.00	359.60	10,662.00	9,767.51	-149.51	9,768.31	0.00	0.00	0.00
20,500.00	90.00	359.60	10,662.00	9,867.50	-150.21	9,868.31	0.00	0.00	0.00
20,600.00	90.00	359.60	10,662.00	9,967.50	-150.90	9,968.31	0.00	0.00	0.00
20,700.00	90.00	359.60	10,662.00	10,067.50	-151.60	10,068.31	0.00	0.00	0.00
20,800.00	90.00	359.60	10,662.00	10,167.50	-152.30	10,168.31	0.00	0.00	0.00
20,859.60	90.00	359.60	10,662.00	10,227.09	-152.71	10,227.91	0.00	0.00	0.00

TD at 20859.60

Altitude Energy Partners
Planning Report

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Company:	Franklin Mountain Energy	**TVD Reference:**	KB=30' @ 3717.00usft
Project:	Lea Co., NM (NAD-83)	**MD Reference:**	KB=30' @ 3717.00usft
Site:	Treble East Pad	**North Reference:**	Grid
Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Treble State Com 603 - plan misses target center by 248.89usft at 10550.00usft MD (10495.00 TVD, -33.75 N, -158.60 E) - Point	0.00	0.00	10,662.00	-200.46	-79.44	586,687.86	815,798.94	32.609694	-103.442007
Treble State Com 603 - plan hits target center - Point	0.00	0.00	10,662.00	10,227.09	-152.71	597,115.41	815,725.67	32.638354	-103.441960
Treble State Com 603 - plan misses target center by 237.33usft at 10550.00usft MD (10495.00 TVD, -33.75 N, -158.60 E) - Point	0.00	0.00	10,662.00	-201.09	-179.44	586,687.23	815,698.94	32.609694	-103.442331

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
30.00	30.00	Cenozoic Alluvium (surface)			
1,808.00	1,808.00	Rustler			
2,069.00	2,069.00	Salado			
3,243.81	3,241.00	Base Salt			
3,524.57	3,521.00	Yates			
4,087.10	4,082.00	Seven Rivers			
4,659.65	4,653.00	Queen			
6,130.80	6,121.00	Delaware Mtn Group			
7,976.80	7,967.00	Bone Spring Lime			
9,431.80	9,422.00	First Bone Spring Sand			
9,712.80	9,703.00	Second Bone Spring Carbonate			
10,015.80	10,006.00	Second Bone Spring Sand			
10,660.56	10,565.00	Third Bone Spring Carbonate			
10,809.51	10,631.00	Third Bone Spring Sand			
10,998.84	10,662.00	HZ Target			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2,000.00	2,000.00	0.00	0.00	Build 1.5°/100'
2,281.33	2,281.08	-10.36	0.00	Turn 1.5°/100'
2,494.02	2,493.24	-23.77	-5.48	3234' Hold
5,728.43	5,718.88	-193.70	-172.19	Drop 1.5°/100'
6,009.80	6,000.00	-201.09	-179.44	4089' Hold
10,098.84	10,089.04	-201.09	-179.44	Build 10°/100'
10,444.00	10,413.70	-101.01	-166.97	FTP/PPP @ 10444' - 150' FSL & 1767' FEL
10,998.84	10,662.00	367.47	-108.62	Turn 2°/100'
11,373.77	10,662.00	741.49	-86.72	9485' Hold
20,859.60	10,662.00	10,227.09	-152.71	TD at 20859.60

FRANKLIN MOUNTAIN ENERGY

Franklin Mountain Energy

Lea Co., NM (NAD-83)
Treble East Pad
Treble State Com 603H

OH
Plan 1

Anticollision Report

16 May, 2023

ALTITUDE ENERGY PARTNERS

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Reference Plan 1

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.00usft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 5/16/2023

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	20,859.29	Plan 1 (OH)	MWD+HDGM	OWSG MWD + HRGM

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Treble East Offsets						
East Pearl Queen Unit #027 (Plug) - OH - OH	18,999.65	10,675.00	317.69	-232.03	0.578	Collision Risk Procedures
East Pearl Queen Unit #027 (Plug) - OH - OH	19,000.00	10,675.00	317.69	-232.04	0.578	Collision Risk Procedures
Sparrow 27 #001 - OH - OH						Out of range
Sparrow 27 #002 - OH - OH	17,456.27	10,647.49	315.50	-25.92	0.924	Collision Risk Procedures
Sparrow 27 #003 - OH - OH	20,319.77	10,686.33	418.21	32.12	1.083	Collision Risk Procedures
Toro 27 #005 - OH - OH	18,759.63	10,668.07	347.89	-33.20	0.913	Collision Risk Procedures
Treble East Pad						
Treble State Com 303H - OH - Plan 1	8,945.28	8,949.40	100.00	68.11	3.136	CC
Treble State Com 303H - OH - Plan 1	9,000.00	9,003.86	100.06	67.75	3.097	ES
Treble State Com 303H - OH - Plan 1	9,100.00	9,100.00	102.60	68.53	3.012	SF
Treble State Com 304H - OH - Plan 1	2,000.00	2,000.00	199.97	188.85	17.984	CC
Treble State Com 304H - OH - Plan 1	2,200.00	2,199.91	200.08	188.42	17.166	ES
Treble State Com 304H - OH - Plan 1	2,400.00	2,399.46	202.63	190.47	16.657	SF
Treble State Com 503H - OH - Plan 1	2,000.00	2,000.00	49.99	38.87	4.496	CC, ES
Treble State Com 503H - OH - Plan 1	20,860.15	20,638.92	464.88	187.58	1.676	Collision Risk Procedures
Treble State Com 504H - OH - Plan 1	2,034.96	2,034.96	24.99	13.77	2.228	CC
Treble State Com 504H - OH - Plan 1	2,100.00	2,099.99	25.02	13.61	2.194	ES
Treble State Com 504H - OH - Plan 1	2,200.00	2,199.91	25.50	13.84	2.187	SF
Treble State Com 604H - OH - Plan 1	2,000.00	2,000.00	25.00	13.88	2.248	CC, ES, SF
Treble State Com 703H - OH - Plan 1	3,323.40	3,328.20	30.89	15.10	1.957	Collision Risk Procedures
Treble State Com 704H - OH - Plan 1	2,000.00	2,000.00	74.99	63.87	6.744	CC
Treble State Com 704H - OH - Plan 1	2,200.00	2,199.91	75.21	63.55	6.452	ES
Treble State Com 704H - OH - Plan 1	20,860.15	21,269.91	790.74	515.59	2.874	SF
Treble State Com 803H - OH - Plan 1	5,674.57	5,686.90	196.54	170.64	7.587	CC
Treble State Com 803H - OH - Plan 1	10,250.00	10,250.43	198.40	167.45	6.410	ES
Treble State Com 803H - OH - Plan 1	20,859.60	21,828.08	966.00	794.77	5.642	SF
Treble State Com 804H - OH - Plan 1	2,000.00	2,000.00	249.96	238.85	22.480	CC, ES
Treble State Com 804H - OH - Plan 1	2,200.00	2,187.75	254.85	243.18	21.844	SF

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Offsets - East Pearl Queen Unit #027 (Plug) - OH - OH — **Offset Site Error:** 0.00 usft

Survey Program: 13950-Unknown — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
18,100.00	10,662.00	10,675.00	10,675.00	109.83	427.00	-90.00	8,364.99	-457.46	954.10	485.61	468.49	2.037	
18,200.00	10,662.00	10,675.00	10,675.00	111.26	427.00	-90.00	8,364.99	-457.46	860.45	388.05	472.40	1.821	Collision Risk Procedures Req.
18,300.00	10,662.00	10,675.00	10,675.00	112.69	427.00	-90.00	8,364.99	-457.46	768.41	291.12	477.29	1.610	Collision Risk Procedures Req.
18,400.00	10,662.00	10,675.00	10,675.00	114.12	427.00	-90.00	8,364.99	-457.46	678.61	195.14	483.47	1.404	Collision Risk Procedures Req.
18,500.00	10,662.00	10,675.00	10,675.00	115.56	427.00	-90.00	8,364.99	-457.46	592.10	100.73	491.38	1.205	Collision Risk Procedures Req.
18,600.00	10,662.00	10,675.00	10,675.00	116.99	427.00	-90.00	8,364.99	-457.46	510.54	9.05	501.50	1.018	Collision Risk Procedures Req.
18,700.00	10,662.00	10,675.00	10,675.00	118.43	427.00	-90.00	8,364.99	-457.46	436.72	-77.46	514.18	0.849	Collision Risk Procedures Req.
18,800.00	10,662.00	10,675.00	10,675.00	119.86	427.00	-90.00	8,364.99	-457.46	375.22	-153.71	528.93	0.709	Collision Risk Procedures Req.
18,900.00	10,662.00	10,675.00	10,675.00	121.30	427.00	-90.00	8,364.99	-457.46	332.96	-209.83	542.78	0.613	Collision Risk Procedures Req.
18,999.65	10,662.00	10,675.00	10,675.00	122.73	427.00	-90.00	8,364.99	-457.46	317.69	-232.03	549.73	0.578	Collision Risk Procedures Req., CC
19,000.00	10,662.00	10,675.00	10,675.00	122.73	427.00	-90.00	8,364.99	-457.46	317.69	-232.04	549.73	0.578	Collision Risk Procedures Req., ES
19,100.00	10,662.00	10,675.00	10,675.00	124.17	427.00	-90.00	8,364.99	-457.46	333.16	-212.60	545.76	0.610	Collision Risk Procedures Req.
19,200.00	10,662.00	10,675.00	10,675.00	125.60	427.00	-90.00	8,364.99	-457.46	375.59	-158.65	534.24	0.703	Collision Risk Procedures Req.
19,300.00	10,662.00	10,675.00	10,675.00	127.04	427.00	-90.00	8,364.99	-457.46	437.19	-83.87	521.06	0.839	Collision Risk Procedures Req.
19,400.00	10,662.00	10,675.00	10,675.00	128.48	427.00	-90.00	8,364.99	-457.46	511.08	1.72	509.36	1.003	Collision Risk Procedures Req.
19,500.00	10,662.00	10,675.00	10,675.00	129.91	427.00	-90.00	8,364.99	-457.46	592.68	92.80	499.88	1.186	Collision Risk Procedures Req.
19,600.00	10,662.00	10,675.00	10,675.00	131.35	427.00	-90.00	8,364.99	-457.46	679.22	186.83	492.39	1.379	Collision Risk Procedures Req.
19,700.00	10,662.00	10,675.00	10,675.00	132.79	427.00	-90.00	8,364.99	-457.46	769.03	282.54	486.49	1.581	Collision Risk Procedures Req.
19,800.00	10,662.00	10,675.00	10,675.00	134.22	427.00	-90.00	8,364.99	-457.46	861.09	379.27	481.82	1.787	Collision Risk Procedures Req.
19,900.00	10,662.00	10,675.00	10,675.00	135.66	427.00	-90.00	8,364.99	-457.46	954.75	476.68	478.07	1.997	Collision Risk Procedures Req.

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Offsets - Sparrow 27 #002 - OH - OH — **Offset Site Error:** 0.00 usft

Survey Program: 227-INC-ONLY — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
16,600.00	10,662.00	10,647.49	10,645.00	88.40	240.81	-90.00	6,821.65	-444.52	912.54	636.49	276.05	3.306	
16,700.00	10,662.00	10,647.49	10,645.00	89.82	240.81	-90.00	6,821.65	-444.52	819.44	539.99	279.45	2.932	
16,800.00	10,662.00	10,647.49	10,645.00	91.25	240.81	-90.00	6,821.65	-444.52	728.16	444.42	283.75	2.566	
16,900.00	10,662.00	10,647.49	10,645.00	92.67	240.81	-90.00	6,821.65	-444.52	639.51	350.25	289.26	2.211	
17,000.00	10,662.00	10,647.49	10,645.00	94.10	240.81	-90.00	6,821.65	-444.52	554.72	258.35	296.37	1.872	Collision Risk Procedures Req.
17,100.00	10,662.00	10,647.49	10,645.00	95.53	240.81	-90.00	6,821.65	-444.52	475.88	170.39	305.50	1.558	Collision Risk Procedures Req.
17,200.00	10,662.00	10,647.49	10,645.00	96.95	240.81	-90.00	6,821.65	-444.52	406.46	89.68	316.78	1.283	Collision Risk Procedures Req.
17,300.00	10,662.00	10,647.49	10,645.00	98.38	240.81	-90.00	6,821.65	-444.52	352.08	22.91	329.17	1.070	Collision Risk Procedures Req.
17,400.00	10,662.00	10,647.49	10,645.00	99.81	240.81	-90.00	6,821.65	-444.52	320.47	-18.55	339.02	0.945	Collision Risk Procedures Req.
17,456.27	10,662.00	10,647.49	10,645.00	100.61	240.81	-90.00	6,821.65	-444.52	315.50	-25.92	341.42	0.924	Collision Risk Procedures Req., CC
17,500.00	10,662.00	10,647.49	10,645.00	101.24	240.81	-90.00	6,821.65	-444.52	318.51	-22.70	341.21	0.933	Collision Risk Procedures Req.
17,600.00	10,662.00	10,647.49	10,645.00	102.67	240.81	-90.00	6,821.65	-444.52	346.70	11.80	334.90	1.035	Collision Risk Procedures Req.
17,700.00	10,662.00	10,647.49	10,645.00	104.10	240.81	-90.00	6,821.65	-444.52	398.68	74.11	324.57	1.228	Collision Risk Procedures Req.
17,800.00	10,662.00	10,647.49	10,645.00	105.53	240.81	-90.00	6,821.65	-444.52	466.57	152.26	314.31	1.484	Collision Risk Procedures Req.
17,900.00	10,662.00	10,647.49	10,645.00	106.96	240.81	-90.00	6,821.65	-444.52	544.46	238.78	305.68	1.781	Collision Risk Procedures Req.
18,000.00	10,662.00	10,647.49	10,645.00	108.39	240.81	-90.00	6,821.65	-444.52	628.64	329.82	298.82	2.104	
18,100.00	10,662.00	10,647.49	10,645.00	109.83	240.81	-90.00	6,821.65	-444.52	716.89	423.46	293.43	2.443	
18,200.00	10,662.00	10,647.49	10,645.00	111.26	240.81	-90.00	6,821.65	-444.52	807.88	518.69	289.20	2.794	
18,300.00	10,662.00	10,647.49	10,645.00	112.69	240.81	-90.00	6,821.65	-444.52	900.79	614.96	285.83	3.151	
18,400.00	10,662.00	10,647.49	10,645.00	114.12	240.81	-90.00	6,821.65	-444.52	995.07	711.93	283.14	3.514	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Offsets - Sparrow 27 #003 - OH - OH — **Offset Site Error:** 0.00 usft

Survey Program: 100-INC-ONLY — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,500.00	10,662.00	10,691.25	10,689.95	129.91	244.57	-90.68	9,684.34	-567.15	920.27	613.33	306.94	2.998	
19,600.00	10,662.00	10,690.64	10,689.35	131.35	244.55	-90.60	9,684.34	-567.15	832.43	519.08	313.35	2.657	
19,700.00	10,662.00	10,690.04	10,688.74	132.79	244.53	-90.51	9,684.35	-567.15	747.66	426.57	321.09	2.329	
19,800.00	10,662.00	10,689.44	10,688.14	134.22	244.51	-90.43	9,684.35	-567.15	667.12	336.72	330.40	2.019	
19,900.00	10,662.00	10,688.84	10,687.54	135.66	244.48	-90.35	9,684.35	-567.15	592.53	251.07	341.46	1.735	Collision Risk Procedures Req.
20,000.00	10,662.00	10,688.24	10,686.94	137.10	244.46	-90.27	9,684.36	-567.15	526.45	172.34	354.11	1.487	Collision Risk Procedures Req.
20,100.00	10,662.00	10,687.64	10,686.34	138.54	244.44	-90.18	9,684.36	-567.15	472.43	105.04	367.39	1.286	Collision Risk Procedures Req.
20,200.00	10,662.00	10,687.04	10,685.74	139.97	244.42	-90.10	9,684.36	-567.15	435.02	55.99	379.02	1.148	Collision Risk Procedures Req.
20,300.00	10,662.00	10,686.44	10,685.15	141.41	244.39	-90.02	9,684.37	-567.15	418.67	33.04	385.63	1.086	Collision Risk Procedures Req.
20,319.77	10,662.00	10,686.33	10,685.03	141.70	244.39	-90.00	9,684.37	-567.15	418.21	32.12	386.08	1.083	Collision Risk Procedures Req., CC
20,400.00	10,662.00	10,685.85	10,684.55	142.85	244.37	-89.94	9,684.37	-567.15	425.83	41.00	384.83	1.107	Collision Risk Procedures Req.
20,500.00	10,662.00	10,685.25	10,683.96	144.29	244.35	-89.86	9,684.37	-567.15	455.39	77.96	377.43	1.207	Collision Risk Procedures Req.
20,600.00	10,662.00	10,684.66	10,683.36	145.73	244.33	-89.78	9,684.38	-567.15	503.41	136.93	366.49	1.374	Collision Risk Procedures Req.
20,700.00	10,662.00	10,684.07	10,682.77	147.17	244.30	-89.69	9,684.38	-567.15	565.21	210.34	354.88	1.593	Collision Risk Procedures Req.
20,800.00	10,662.00	10,683.48	10,682.18	148.61	244.28	-89.61	9,684.38	-567.15	636.80	292.63	344.17	1.850	Collision Risk Procedures Req.
20,859.60	10,662.00	10,683.13	10,681.83	149.33	244.27	-89.57	9,684.39	-567.15	682.86	342.65	340.21	2.007	
20,860.15	10,662.00	10,683.12	10,681.83	149.34	244.27	-89.57	9,684.39	-567.15	683.30	343.14	340.16	2.009	

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Offsets - Toro 27 #005 - OH - OH — **Offset Site Error:** 0.00 usft

Survey Program: 207-INC-ONLY — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,900.00	10,662.00	10,683.44	10,680.49	106.96	262.33	-92.55	8,124.49	-485.98	927.24	620.42	306.81	3.022	
18,000.00	10,662.00	10,681.57	10,678.62	108.39	262.26	-92.24	8,124.52	-485.98	835.40	524.24	311.16	2.685	
18,100.00	10,662.00	10,679.72	10,676.77	109.83	262.20	-91.94	8,124.55	-485.98	745.66	429.09	316.57	2.355	
18,200.00	10,662.00	10,677.89	10,674.94	111.26	262.14	-91.64	8,124.58	-485.98	658.88	335.50	323.38	2.037	
18,300.00	10,662.00	10,676.09	10,673.14	112.69	262.08	-91.34	8,124.62	-485.98	576.39	244.45	331.95	1.736	Collision Risk Procedures Req.
18,400.00	10,662.00	10,674.31	10,671.36	114.12	262.02	-91.05	8,124.65	-485.98	500.32	157.74	342.59	1.460	Collision Risk Procedures Req.
18,500.00	10,662.00	10,672.55	10,669.60	115.56	261.96	-90.76	8,124.68	-485.98	434.07	78.86	355.21	1.222	Collision Risk Procedures Req.
18,600.00	10,662.00	10,670.81	10,667.86	116.99	261.90	-90.47	8,124.71	-485.98	382.76	14.35	368.41	1.039	Collision Risk Procedures Req.
18,700.00	10,662.00	10,669.09	10,666.14	118.43	261.84	-90.19	8,124.74	-485.98	352.96	-25.56	378.53	0.932	Collision Risk Procedures Req.
18,759.63	10,662.00	10,668.07	10,665.13	119.28	261.81	-90.02	8,124.75	-485.98	347.89	-33.20	381.09	0.913	Collision Risk Procedures Req., CC
18,800.00	10,662.00	10,667.39	10,664.45	119.86	261.78	-89.91	8,124.76	-485.98	350.22	-30.72	380.94	0.919	Collision Risk Procedures Req.
18,900.00	10,662.00	10,665.71	10,662.77	121.30	261.73	-89.63	8,124.79	-485.98	375.13	0.36	374.77	1.001	Collision Risk Procedures Req.
19,000.00	10,662.00	10,664.05	10,661.11	122.73	261.67	-89.36	8,124.82	-485.98	422.84	58.98	363.86	1.162	Collision Risk Procedures Req.
19,100.00	10,662.00	10,662.41	10,659.47	124.17	261.62	-89.09	8,124.85	-485.98	486.67	134.37	352.30	1.381	Collision Risk Procedures Req.
19,200.00	10,662.00	10,660.79	10,657.85	125.60	261.56	-88.82	8,124.87	-485.98	561.16	219.08	342.08	1.640	Collision Risk Procedures Req.
19,300.00	10,662.00	10,659.19	10,656.25	127.04	261.51	-88.56	8,124.90	-485.98	642.61	308.97	333.64	1.926	Collision Risk Procedures Req.
19,400.00	10,662.00	10,657.60	10,654.66	128.48	261.45	-88.30	8,124.93	-485.98	728.69	401.87	326.82	2.230	
19,500.00	10,662.00	10,656.04	10,653.10	129.91	261.40	-88.04	8,124.95	-485.98	817.94	496.60	321.34	2.545	
19,600.00	10,662.00	10,654.49	10,651.55	131.35	261.35	-87.79	8,124.98	-485.98	909.43	592.52	316.91	2.870	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 303H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.64	1.10	174.97	174.97				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	1.10	174.97	174.97	173.39	1.58	110.452	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	1.10	174.97	174.97	172.07	2.90	60.351	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	1.10	174.97	174.97	171.18	3.79	46.182	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	1.10	174.97	174.97	170.46	4.51	38.780	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	1.10	174.97	174.97	169.83	5.14	34.045	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	1.10	174.97	174.97	169.27	5.70	30.682	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	1.10	174.97	174.97	168.75	6.22	28.132	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	1.10	174.97	174.97	168.27	6.70	26.112	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	1.10	174.97	174.97	167.82	7.15	24.461	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.64	1.10	174.97	174.97	167.39	7.58	23.077	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.64	1.10	174.97	174.97	166.98	7.99	21.894	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.64	1.10	174.97	174.97	166.59	8.38	20.869	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.64	1.10	174.97	174.97	166.21	8.76	19.969	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.64	1.10	174.97	174.97	165.85	9.13	19.170	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.64	1.10	174.97	174.97	165.49	9.48	18.454	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.64	1.10	174.97	174.97	165.15	9.83	17.808	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.64	1.10	174.97	174.97	164.81	10.16	17.221	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.64	1.10	174.97	174.97	164.49	10.49	16.684	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.64	1.10	174.97	174.97	164.17	10.81	16.191	
1,966.67	1,966.67	1,966.67	1,966.67	5.51	5.51	89.64	1.10	174.97	174.97	163.96	11.02	15.885	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	1.10	174.97	174.97	163.85	11.12	15.736	
2,100.00	2,099.99	2,103.73	2,103.72	5.73	5.74	-90.54	0.23	173.87	173.91	162.50	11.41	15.244	
2,200.00	2,199.91	2,207.37	2,207.27	5.88	5.91	-91.08	-2.39	170.56	170.74	159.08	11.66	14.647	
2,281.33	2,281.08	2,291.54	2,291.26	5.98	6.06	-91.82	-5.80	166.25	166.63	154.79	11.84	14.072	
2,300.00	2,299.70	2,310.85	2,310.50	5.99	6.08	-95.59	-6.75	165.06	165.53	153.67	11.86	13.958	
2,400.00	2,399.46	2,411.63	2,410.90	6.18	6.20	-117.35	-12.22	158.16	160.40	148.28	12.11	13.244	
2,494.02	2,493.24	2,505.61	2,504.51	6.33	6.38	-136.91	-17.37	151.66	157.67	145.29	12.38	12.736	
2,500.00	2,499.21	2,511.59	2,510.47	6.34	6.39	-136.91	-17.70	151.24	157.57	145.18	12.39	12.716	
2,600.00	2,598.94	2,611.57	2,610.06	6.65	6.60	-136.85	-23.18	144.32	155.79	142.95	12.84	12.131	
2,700.00	2,698.67	2,711.56	2,709.66	6.84	6.82	-136.79	-28.66	137.41	154.01	140.84	13.17	11.693	
2,800.00	2,798.39	2,811.54	2,809.25	7.04	7.06	-136.73	-34.14	130.49	152.23	138.71	13.52	11.260	
2,900.00	2,898.12	2,911.52	2,908.84	7.26	7.31	-136.67	-39.62	123.57	150.46	136.57	13.89	10.835	
3,000.00	2,997.85	3,011.51	3,008.44	7.49	7.58	-136.61	-45.10	116.65	148.68	134.41	14.27	10.419	
3,100.00	3,097.58	3,111.49	3,108.03	7.73	7.85	-136.55	-50.59	109.73	146.90	132.23	14.67	10.015	
3,200.00	3,197.31	3,211.48	3,207.62	7.98	8.13	-136.48	-56.07	102.81	145.13	130.05	15.08	9.623	
3,300.00	3,297.04	3,311.46	3,307.22	8.25	8.42	-136.41	-61.55	95.89	143.35	127.84	15.51	9.245	
3,400.00	3,396.77	3,411.44	3,406.81	8.52	8.72	-136.34	-67.03	88.97	141.57	125.63	15.94	8.881	
3,500.00	3,496.50	3,511.43	3,506.41	8.80	9.03	-136.27	-72.51	82.05	139.80	123.41	16.39	8.530	
3,600.00	3,596.22	3,611.41	3,606.00	9.08	9.34	-136.20	-77.99	75.13	138.02	121.18	16.84	8.194	
3,700.00	3,695.95	3,711.40	3,705.59	9.37	9.66	-136.12	-83.48	68.22	136.25	118.94	17.31	7.871	
3,800.00	3,795.68	3,811.38	3,805.19	9.67	9.98	-136.05	-88.96	61.30	134.47	116.69	17.78	7.562	
3,900.00	3,895.41	3,911.36	3,904.78	9.97	10.31	-135.97	-94.44	54.38	132.70	114.43	18.26	7.266	
4,000.00	3,995.14	4,011.35	4,004.37	10.28	10.64	-135.88	-99.92	47.46	130.92	112.17	18.75	6.983	
4,100.00	4,094.87	4,111.33	4,103.97	10.59	10.98	-135.80	-105.40	40.54	129.15	109.91	19.24	6.713	
4,200.00	4,194.60	4,211.32	4,203.56	10.90	11.32	-135.72	-110.88	33.62	127.37	107.64	19.74	6.454	
4,300.00	4,294.33	4,311.30	4,303.15	11.22	11.66	-135.63	-116.37	26.70	125.60	105.36	20.24	6.207	
4,400.00	4,394.06	4,411.29	4,402.75	11.55	12.00	-135.54	-121.85	19.78	123.82	103.08	20.74	5.970	
4,500.00	4,493.78	4,511.27	4,502.34	11.87	12.35	-135.44	-127.33	12.86	122.05	100.80	21.25	5.744	
4,600.00	4,593.51	4,611.25	4,601.94	12.20	12.70	-135.35	-132.81	5.94	120.28	98.52	21.76	5.527	
4,700.00	4,693.24	4,711.24	4,701.53	12.53	13.05	-135.25	-138.29	-0.97	118.50	96.23	22.28	5.320	
4,800.00	4,792.97	4,811.22	4,801.12	12.86	13.41	-135.15	-143.77	-7.89	116.73	93.94	22.79	5.122	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 303H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,900.00	4,892.70	4,911.21	4,900.72	13.20	13.76	-135.04	-149.26	-14.81	114.96	91.65	23.31	4.932	
5,000.00	4,992.43	5,011.19	5,000.31	13.53	14.12	-134.93	-154.74	-21.73	113.19	89.36	23.83	4.750	
5,100.00	5,092.16	5,111.17	5,099.90	13.87	14.48	-134.82	-160.22	-28.65	111.42	87.07	24.35	4.576	
5,200.00	5,191.89	5,211.16	5,199.50	14.21	14.84	-134.71	-165.70	-35.57	109.65	84.77	24.87	4.408	
5,300.00	5,291.61	5,311.14	5,299.09	14.55	15.20	-134.59	-171.18	-42.49	107.88	82.48	25.39	4.248	
5,400.00	5,391.34	5,411.13	5,398.68	14.90	15.57	-134.46	-176.66	-49.41	106.11	80.19	25.92	4.094	
5,500.00	5,491.07	5,511.11	5,498.28	15.24	15.93	-134.34	-182.15	-56.33	104.34	77.90	26.44	3.946	
5,600.00	5,590.80	5,611.09	5,597.87	15.59	16.30	-134.20	-187.63	-63.24	102.57	75.61	26.96	3.804	
5,700.00	5,690.53	5,710.38	5,696.78	15.94	16.64	-134.12	-192.98	-70.00	100.92	73.45	27.47	3.674	
5,728.43	5,718.88	5,738.23	5,724.55	16.02	16.74	-134.21	-194.29	-71.65	100.70	73.07	27.63	3.644	
5,800.00	5,790.30	5,808.35	5,794.54	16.26	17.00	-134.48	-197.03	-75.11	100.39	72.33	28.05	3.579	
5,900.00	5,890.21	5,906.33	5,892.43	16.58	17.31	-134.72	-199.52	-78.26	100.10	71.53	28.57	3.503	
6,009.80	6,000.00	6,013.92	6,000.00	16.78	17.56	89.64	-200.46	-79.44	100.00	71.08	28.92	3.458	
6,100.00	6,090.20	6,104.11	6,090.20	16.81	17.60	89.64	-200.46	-79.44	100.00	71.00	29.00	3.448	
6,200.00	6,190.20	6,204.11	6,190.20	16.85	17.64	89.64	-200.46	-79.44	100.00	70.90	29.09	3.437	
6,300.00	6,290.20	6,304.11	6,290.20	16.89	17.68	89.64	-200.46	-79.44	100.00	70.81	29.19	3.426	
6,400.00	6,390.20	6,404.11	6,390.20	16.93	17.73	89.64	-200.46	-79.44	100.00	70.71	29.28	3.415	
6,500.00	6,490.20	6,504.11	6,490.20	16.97	17.77	89.64	-200.46	-79.44	100.00	70.62	29.38	3.404	
6,600.00	6,590.20	6,604.11	6,590.20	17.01	17.81	89.64	-200.46	-79.44	100.00	70.52	29.48	3.393	
6,700.00	6,690.20	6,704.11	6,690.20	17.06	17.85	89.64	-200.46	-79.44	100.00	70.42	29.57	3.381	
6,800.00	6,790.20	6,804.11	6,790.20	17.10	17.89	89.64	-200.46	-79.44	100.00	70.33	29.67	3.370	
6,900.00	6,890.20	6,904.11	6,890.20	17.14	17.93	89.64	-200.46	-79.44	100.00	70.23	29.77	3.359	
7,000.00	6,990.20	7,004.11	6,990.20	17.18	17.98	89.64	-200.46	-79.44	100.00	70.13	29.87	3.348	
7,100.00	7,090.20	7,104.11	7,090.20	17.23	18.02	89.64	-200.46	-79.44	100.00	70.03	29.97	3.337	
7,200.00	7,190.20	7,204.11	7,190.20	17.27	18.06	89.64	-200.46	-79.44	100.00	69.93	30.07	3.326	
7,300.00	7,290.20	7,304.11	7,290.20	17.32	18.11	89.64	-200.46	-79.44	100.00	69.83	30.17	3.315	
7,400.00	7,390.20	7,404.11	7,390.20	17.36	18.15	89.64	-200.46	-79.44	100.00	69.73	30.27	3.304	
7,500.00	7,490.20	7,504.11	7,490.20	17.40	18.19	89.64	-200.46	-79.44	100.00	69.63	30.37	3.293	
7,600.00	7,590.20	7,604.11	7,590.20	17.45	18.24	89.64	-200.46	-79.44	100.00	69.53	30.47	3.282	
7,700.00	7,690.20	7,704.11	7,690.20	17.49	18.28	89.64	-200.46	-79.44	100.00	69.43	30.57	3.271	
7,800.00	7,790.20	7,804.11	7,790.20	17.54	18.33	89.64	-200.46	-79.44	100.00	69.32	30.67	3.260	
7,900.00	7,890.20	7,904.11	7,890.20	17.58	18.37	89.64	-200.46	-79.44	100.00	69.22	30.78	3.249	
8,000.00	7,990.20	8,004.11	7,990.20	17.63	18.42	89.64	-200.46	-79.44	100.00	69.12	30.88	3.238	
8,100.00	8,090.20	8,104.11	8,090.20	17.68	18.46	89.64	-200.46	-79.44	100.00	69.01	30.99	3.227	
8,200.00	8,190.20	8,204.11	8,190.20	17.72	18.51	89.64	-200.46	-79.44	100.00	68.91	31.09	3.216	
8,300.00	8,290.20	8,304.11	8,290.20	17.77	18.55	89.64	-200.46	-79.44	100.00	68.80	31.20	3.205	
8,400.00	8,390.20	8,404.11	8,390.20	17.82	18.60	89.64	-200.46	-79.44	100.00	68.69	31.30	3.194	
8,500.00	8,490.20	8,504.11	8,490.20	17.86	18.65	89.64	-200.46	-79.44	100.00	68.59	31.41	3.184	
8,600.00	8,590.20	8,604.11	8,590.20	17.91	18.69	89.64	-200.46	-79.44	100.00	68.48	31.52	3.173	
8,700.00	8,690.20	8,704.11	8,690.20	17.96	18.74	89.64	-200.46	-79.44	100.00	68.37	31.62	3.162	
8,800.00	8,790.20	8,804.11	8,790.20	18.01	18.79	89.64	-200.46	-79.44	100.00	68.27	31.73	3.151	
8,900.00	8,890.20	8,904.11	8,890.20	18.05	18.83	89.64	-200.46	-79.44	100.00	68.16	31.84	3.141	
8,945.28	8,935.48	8,949.40	8,935.48	18.08	18.84	89.60	-200.38	-79.45	100.00	68.11	31.88	3.136	CC
9,000.00	8,990.20	9,003.86	8,989.81	18.10	18.79	87.60	-196.90	-79.47	100.06	67.75	32.31	3.097	ES
9,100.00	9,090.20	9,100.00	9,084.01	18.15	18.65	77.12	-178.25	-79.60	102.60	68.53	34.07	3.012	SF
9,200.00	9,190.20	9,187.50	9,165.96	18.20	18.50	61.86	-147.81	-79.81	115.55	80.02	35.53	3.252	
9,300.00	9,290.20	9,264.38	9,233.40	18.25	18.38	47.82	-111.04	-80.07	145.63	110.14	35.49	4.103	
9,400.00	9,390.20	9,330.11	9,286.73	18.30	18.28	37.66	-72.69	-80.34	192.39	157.57	34.82	5.526	
9,500.00	9,490.20	9,385.56	9,328.06	18.35	18.22	30.87	-35.75	-80.60	251.78	217.44	34.34	7.332	
9,600.00	9,590.20	9,432.16	9,359.90	18.40	18.19	26.32	-1.74	-80.84	320.16	285.96	34.19	9.363	
9,700.00	9,690.20	9,471.37	9,384.48	18.45	18.17	23.17	28.81	-81.06	394.97	360.67	34.29	11.518	
9,800.00	9,790.20	9,500.00	9,401.07	18.50	18.16	21.20	52.13	-81.22	474.54	439.98	34.56	13.729	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 303H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,900.00	9,890.20	9,532.78	9,418.61	18.55	18.17	19.24	79.82	-81.41	557.60	522.73	34.87	15.991	
10,000.00	9,990.20	9,550.00	9,427.18	18.60	18.18	18.31	94.75	-81.52	643.50	608.22	35.28	18.239	
10,098.84	10,089.04	9,577.71	9,440.03	18.65	18.20	16.97	119.30	-81.69	730.36	694.72	35.64	20.491	
10,100.00	10,090.20	9,577.94	9,440.13	18.65	18.20	9.82	119.51	-81.69	731.39	695.74	35.65	20.517	
10,150.00	10,140.13	9,600.00	9,449.48	18.68	18.22	7.65	139.48	-81.83	775.19	739.38	35.81	21.649	
10,200.00	10,189.67	9,600.00	9,449.48	18.61	18.22	6.71	139.48	-81.83	816.85	780.79	36.06	22.653	
10,250.00	10,238.45	9,600.00	9,449.48	18.52	18.22	5.96	139.48	-81.83	857.03	820.72	36.32	23.600	
10,300.00	10,286.09	9,624.05	9,458.80	18.42	18.26	4.93	161.65	-81.99	894.82	858.33	36.49	24.522	
10,350.00	10,332.23	9,650.00	9,467.80	18.32	18.30	4.12	185.99	-82.16	930.89	894.22	36.67	25.384	
10,400.00	10,376.52	9,650.00	9,467.80	18.22	18.30	3.81	185.99	-82.16	964.25	927.29	36.96	26.087	
10,450.00	10,418.62	9,650.00	9,467.80	18.12	18.30	3.55	185.99	-82.16	995.80	958.54	37.26	26.728	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 304H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.64	1.26	199.97	199.97				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	1.26	199.97	199.97	198.39	1.58	126.233	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	1.26	199.97	199.97	197.07	2.90	68.974	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	1.26	199.97	199.97	196.19	3.79	52.780	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	1.26	199.97	199.97	195.46	4.51	44.321	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	1.26	199.97	199.97	194.83	5.14	38.910	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	1.26	199.97	199.97	194.27	5.70	35.066	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	1.26	199.97	199.97	193.75	6.22	32.152	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	1.26	199.97	199.97	193.27	6.70	29.843	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	1.26	199.97	199.97	192.82	7.15	27.956	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.64	1.26	199.97	199.97	192.39	7.58	26.374	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.64	1.26	199.97	199.97	191.98	7.99	25.023	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.64	1.26	199.97	199.97	191.59	8.38	23.851	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.64	1.26	199.97	199.97	191.21	8.76	22.822	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.64	1.26	199.97	199.97	190.85	9.13	21.909	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.64	1.26	199.97	199.97	190.49	9.48	21.091	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.64	1.26	199.97	199.97	190.15	9.83	20.352	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.64	1.26	199.97	199.97	189.81	10.16	19.681	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.64	1.26	199.97	199.97	189.49	10.49	19.068	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.64	1.26	199.97	199.97	189.17	10.81	18.505	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	1.26	199.97	199.97	188.85	11.12	17.984	CC
2,100.00	2,099.99	2,099.99	2,099.99	5.73	5.71	-90.74	1.26	199.97	199.99	188.58	11.40	17.540	
2,200.00	2,199.91	2,199.91	2,199.91	5.88	5.86	-91.86	1.26	199.97	200.08	188.42	11.66	17.166	ES
2,281.33	2,281.08	2,281.08	2,281.08	5.98	5.98	-93.32	1.26	199.97	200.31	188.47	11.83	16.926	
2,300.00	2,299.70	2,299.70	2,299.70	5.99	6.01	-97.30	1.26	199.97	200.43	188.57	11.86	16.896	
2,400.00	2,399.46	2,399.46	2,399.46	6.18	6.16	-120.45	1.26	199.97	202.63	190.47	12.17	16.657	SF
2,494.02	2,493.24	2,493.24	2,493.24	6.33	6.29	-141.32	1.26	199.97	206.97	194.56	12.42	16.671	
2,500.00	2,499.21	2,499.21	2,499.21	6.34	6.30	-141.40	1.26	199.97	207.32	194.89	12.43	16.684	
2,600.00	2,598.94	2,593.79	2,593.78	6.65	6.45	-142.63	1.65	201.05	214.31	201.46	12.86	16.669	
2,700.00	2,698.67	2,687.91	2,687.84	6.84	6.61	-143.90	2.84	204.31	223.83	210.67	13.16	17.013	
2,800.00	2,798.39	2,782.27	2,782.03	7.04	6.76	-145.00	4.17	209.75	235.72	222.26	13.46	17.510	
2,900.00	2,898.12	2,876.33	2,875.78	7.26	6.93	-145.69	4.58	217.29	249.71	235.92	13.79	18.107	
3,000.00	2,997.85	2,969.88	2,968.83	7.49	7.11	-146.01	4.07	226.88	265.70	251.56	14.14	18.790	
3,100.00	3,097.58	3,062.80	3,061.02	7.73	7.30	-146.03	2.67	238.48	283.66	269.15	14.51	19.553	
3,200.00	3,197.31	3,155.01	3,152.19	7.98	7.52	-145.79	0.38	252.01	303.57	288.68	14.89	20.388	
3,300.00	3,297.04	3,246.58	3,242.40	8.25	7.71	-145.36	-2.78	267.44	325.40	310.15	15.25	21.340	
3,400.00	3,396.77	3,343.91	3,338.09	8.52	7.93	-144.85	-6.56	284.83	348.17	332.50	15.67	22.220	
3,500.00	3,496.50	3,441.24	3,433.78	8.80	8.19	-144.40	-10.35	302.22	370.95	354.81	16.14	22.986	
3,600.00	3,596.22	3,538.57	3,529.47	9.08	8.47	-144.01	-14.13	319.61	393.76	377.13	16.62	23.685	
3,700.00	3,695.95	3,635.90	3,625.16	9.37	8.76	-143.65	-17.91	337.00	416.58	399.45	17.13	24.318	
3,800.00	3,795.68	3,733.24	3,720.85	9.67	9.06	-143.34	-21.70	354.39	439.41	421.76	17.65	24.891	
3,900.00	3,895.41	3,830.57	3,816.54	9.97	9.38	-143.05	-25.48	371.78	462.26	444.06	18.19	25.410	
4,000.00	3,995.14	3,927.90	3,912.23	10.28	9.70	-142.79	-29.27	389.17	485.11	466.37	18.74	25.881	
4,100.00	4,094.87	4,025.23	4,007.92	10.59	10.04	-142.56	-33.05	406.56	507.97	488.67	19.31	26.309	
4,200.00	4,194.60	4,122.56	4,103.61	10.90	10.38	-142.35	-36.84	423.95	530.85	510.96	19.88	26.696	
4,300.00	4,294.33	4,219.89	4,199.30	11.22	10.73	-142.15	-40.62	441.34	553.72	533.25	20.47	27.049	
4,400.00	4,394.06	4,317.22	4,294.99	11.55	11.09	-141.97	-44.41	458.73	576.61	555.54	21.07	27.369	
4,500.00	4,493.78	4,414.55	4,390.68	11.87	11.45	-141.80	-48.19	476.11	599.49	577.82	21.67	27.661	
4,600.00	4,593.51	4,511.88	4,486.37	12.20	11.83	-141.65	-51.98	493.50	622.39	600.10	22.29	27.927	
4,700.00	4,693.24	4,609.22	4,582.06	12.53	12.20	-141.50	-55.76	510.89	645.28	622.38	22.91	28.170	
4,800.00	4,792.97	4,706.55	4,677.75	12.86	12.58	-141.37	-59.55	528.28	668.18	644.65	23.53	28.393	
4,900.00	4,892.70	4,803.88	4,773.44	13.20	12.97	-141.24	-63.33	545.67	691.09	666.92	24.17	28.596	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 304H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.00	4,992.43	4,901.21	4,869.13	13.53	13.36	-141.12	-67.12	563.06	713.99	689.19	24.81	28.783	
5,100.00	5,092.16	4,998.54	4,964.82	13.87	13.75	-141.01	-70.90	580.45	736.90	711.45	25.45	28.954	
5,200.00	5,191.89	5,095.87	5,060.51	14.21	14.15	-140.91	-74.69	597.84	759.82	733.72	26.10	29.111	
5,300.00	5,291.61	5,193.20	5,156.20	14.55	14.55	-140.81	-78.47	615.23	782.73	755.98	26.75	29.256	
5,400.00	5,391.34	5,290.53	5,251.89	14.90	14.95	-140.72	-82.26	632.62	805.65	778.23	27.41	29.390	
5,500.00	5,491.07	5,387.86	5,347.58	15.24	15.36	-140.64	-86.04	650.01	828.56	800.49	28.07	29.513	
5,600.00	5,590.80	5,485.20	5,443.27	15.59	15.76	-140.55	-89.83	667.40	851.48	822.74	28.74	29.627	
5,700.00	5,690.53	5,582.53	5,538.96	15.94	16.17	-140.48	-93.61	684.78	874.40	844.99	29.41	29.733	
5,728.43	5,718.88	5,610.20	5,566.17	16.02	16.29	-140.46	-94.69	689.73	880.92	851.33	29.59	29.773	
5,800.00	5,790.30	5,679.97	5,634.76	16.26	16.59	-140.53	-97.40	702.19	896.82	866.77	30.05	29.843	
5,900.00	5,890.21	5,777.78	5,730.93	16.58	17.00	-140.53	-101.21	719.67	917.35	886.66	30.70	29.885	
6,009.80	6,000.00	5,885.57	5,836.90	16.78	17.46	84.05	-105.40	738.93	937.63	906.35	31.29	29.968	
6,100.00	6,090.20	5,974.24	5,924.08	16.81	17.84	84.36	-108.85	754.77	953.34	921.66	31.68	30.092	
6,200.00	6,190.20	6,072.56	6,020.74	16.85	18.27	84.69	-112.67	772.33	970.78	938.65	32.13	30.215	
6,300.00	6,290.20	6,170.87	6,117.39	16.89	18.69	85.01	-116.49	789.90	988.25	955.67	32.58	30.333	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 503H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-90.36	-0.31	-49.99	49.99				
100.00	100.00	100.00	100.00	0.79	0.79	-90.36	-0.31	-49.99	49.99	48.41	1.58	31.557	
200.00	200.00	200.00	200.00	1.45	1.45	-90.36	-0.31	-49.99	49.99	47.09	2.90	17.243	
300.00	300.00	300.00	300.00	1.89	1.89	-90.36	-0.31	-49.99	49.99	46.20	3.79	13.194	
400.00	400.00	400.00	400.00	2.26	2.26	-90.36	-0.31	-49.99	49.99	45.48	4.51	11.080	
500.00	500.00	500.00	500.00	2.57	2.57	-90.36	-0.31	-49.99	49.99	44.85	5.14	9.727	
600.00	600.00	600.00	600.00	2.85	2.85	-90.36	-0.31	-49.99	49.99	44.29	5.70	8.766	
700.00	700.00	700.00	700.00	3.11	3.11	-90.36	-0.31	-49.99	49.99	43.77	6.22	8.037	
800.00	800.00	800.00	800.00	3.35	3.35	-90.36	-0.31	-49.99	49.99	43.29	6.70	7.460	
900.00	900.00	900.00	900.00	3.58	3.58	-90.36	-0.31	-49.99	49.99	42.84	7.15	6.989	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	-90.36	-0.31	-49.99	49.99	42.41	7.58	6.593	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	-90.36	-0.31	-49.99	49.99	42.00	7.99	6.255	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	-90.36	-0.31	-49.99	49.99	41.61	8.38	5.962	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	-90.36	-0.31	-49.99	49.99	41.23	8.76	5.705	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	-90.36	-0.31	-49.99	49.99	40.86	9.13	5.477	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	-90.36	-0.31	-49.99	49.99	40.51	9.48	5.272	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	-90.36	-0.31	-49.99	49.99	40.17	9.83	5.088	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	-90.36	-0.31	-49.99	49.99	39.83	10.16	4.920	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	-90.36	-0.31	-49.99	49.99	39.50	10.49	4.767	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	-90.36	-0.31	-49.99	49.99	39.18	10.81	4.626	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	-90.36	-0.31	-49.99	49.99	38.87	11.12	4.496	CC, ES
2,100.00	2,099.99	2,099.07	2,099.06	5.73	5.73	90.07	-1.22	-50.90	50.91	39.51	11.40	4.467	
2,200.00	2,199.91	2,198.08	2,197.99	5.88	5.89	91.27	-3.94	-53.62	53.67	42.04	11.63	4.615	
2,281.33	2,281.08	2,278.52	2,278.27	5.98	6.03	92.66	-7.49	-57.17	57.31	45.51	11.80	4.859	
2,300.00	2,299.70	2,296.97	2,296.67	5.99	6.06	89.37	-8.47	-58.15	58.28	46.46	11.82	4.930	
2,400.00	2,399.46	2,395.81	2,395.10	6.18	6.26	68.13	-14.80	-64.48	63.02	50.91	12.12	5.201	
2,494.02	2,493.24	2,488.64	2,487.31	6.33	6.47	46.55	-22.38	-72.06	66.86	54.48	12.38	5.400	
2,500.00	2,499.21	2,494.55	2,493.16	6.34	6.48	46.35	-22.92	-72.60	67.09	54.70	12.39	5.414	
2,600.00	2,598.94	2,593.85	2,591.53	6.65	6.64	42.75	-32.55	-82.23	71.74	58.95	12.79	5.607	
2,700.00	2,698.67	2,693.64	2,690.34	6.84	6.87	39.48	-42.37	-92.05	76.80	63.64	13.16	5.836	
2,800.00	2,798.39	2,793.42	2,789.16	7.04	7.13	36.63	-52.19	-101.87	82.08	68.51	13.57	6.047	
2,900.00	2,898.12	2,893.20	2,887.97	7.26	7.40	34.13	-62.01	-111.69	87.53	73.51	14.03	6.241	
3,000.00	2,997.85	2,992.98	2,986.78	7.49	7.68	31.92	-71.83	-121.51	93.14	78.62	14.51	6.417	
3,100.00	3,097.58	3,092.33	3,085.17	7.73	7.93	30.23	-81.22	-131.53	98.99	84.01	14.98	6.609	
3,200.00	3,197.31	3,191.37	3,183.29	7.98	8.24	29.97	-88.58	-142.76	105.57	90.08	15.49	6.817	
3,300.00	3,297.04	3,290.39	3,281.37	8.25	8.51	30.98	-93.78	-155.33	112.88	96.93	15.94	7.080	
3,400.00	3,396.77	3,390.06	3,380.07	8.52	8.83	32.31	-98.21	-168.48	120.52	104.08	16.44	7.329	
3,500.00	3,496.50	3,489.73	3,478.77	8.80	9.16	33.47	-102.64	-181.62	128.22	111.26	16.96	7.562	
3,600.00	3,596.22	3,589.40	3,577.48	9.08	9.49	34.51	-107.07	-194.77	135.96	118.48	17.48	7.779	
3,700.00	3,695.95	3,689.08	3,676.18	9.37	9.83	35.43	-111.50	-207.91	143.74	125.73	18.01	7.981	
3,800.00	3,795.68	3,788.75	3,774.88	9.67	10.18	36.25	-115.93	-221.06	151.56	133.01	18.55	8.169	
3,900.00	3,895.41	3,888.42	3,873.58	9.97	10.53	37.00	-120.36	-234.21	159.40	140.30	19.10	8.345	
4,000.00	3,995.14	3,988.09	3,972.28	10.28	10.89	37.67	-124.79	-247.35	167.27	147.61	19.66	8.508	
4,100.00	4,094.87	4,087.76	4,070.98	10.59	11.26	38.29	-129.22	-260.50	175.16	154.94	20.22	8.661	
4,200.00	4,194.60	4,187.43	4,169.68	10.90	11.63	38.85	-133.65	-273.64	183.07	162.28	20.79	8.804	
4,300.00	4,294.33	4,287.10	4,268.39	11.22	12.00	39.36	-138.08	-286.79	190.99	169.62	21.37	8.937	
4,400.00	4,394.06	4,386.78	4,367.09	11.55	12.38	39.84	-142.51	-299.93	198.93	176.98	21.95	9.062	
4,500.00	4,493.78	4,486.45	4,465.79	11.87	12.76	40.27	-146.94	-313.08	206.88	184.34	22.54	9.179	
4,600.00	4,593.51	4,586.12	4,564.49	12.20	13.14	40.68	-151.37	-326.22	214.84	191.71	23.13	9.288	
4,700.00	4,693.24	4,685.79	4,663.19	12.53	13.53	41.06	-155.80	-339.37	222.82	199.09	23.73	9.391	
4,800.00	4,792.97	4,785.46	4,761.89	12.86	13.92	41.41	-160.23	-352.51	230.80	206.47	24.32	9.488	
4,900.00	4,892.70	4,885.13	4,860.59	13.20	14.31	41.73	-164.66	-365.66	238.78	213.86	24.93	9.579	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 503H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.00	4,992.43	4,984.80	4,959.30	13.53	14.71	42.04	-169.09	-378.81	246.78	221.25	25.53	9.665	
5,100.00	5,092.16	5,084.48	5,058.00	13.87	15.10	42.33	-173.52	-391.95	254.78	228.64	26.14	9.746	
5,200.00	5,191.89	5,184.15	5,156.70	14.21	15.50	42.59	-177.95	-405.10	262.79	236.04	26.75	9.823	
5,300.00	5,291.61	5,283.82	5,255.40	14.55	15.90	42.85	-182.39	-418.24	270.80	243.44	27.37	9.895	
5,400.00	5,391.34	5,383.49	5,354.10	14.90	16.30	43.09	-186.82	-431.39	278.82	250.84	27.98	9.964	
5,500.00	5,491.07	5,483.35	5,452.99	15.24	16.70	43.31	-191.25	-444.56	286.85	258.25	28.59	10.032	
5,600.00	5,590.80	5,590.95	5,559.75	15.59	17.14	43.63	-195.53	-457.26	293.46	264.22	29.24	10.035	
5,700.00	5,690.53	5,698.83	5,667.12	15.94	17.56	44.11	-198.86	-467.12	297.40	267.57	29.83	9.970	
5,728.43	5,718.88	5,729.52	5,697.72	16.02	17.67	44.27	-199.63	-469.40	298.03	268.06	29.97	9.946	
5,800.00	5,790.30	5,806.82	5,774.86	16.26	17.94	44.66	-201.21	-474.11	299.14	268.82	30.32	9.866	
5,900.00	5,890.21	5,914.87	5,882.81	16.58	18.29	45.03	-202.60	-478.22	299.99	269.21	30.78	9.746	
6,009.80	6,000.00	6,032.07	6,000.00	16.78	18.52	-90.37	-203.01	-479.44	300.01	268.93	31.08	9.653	
6,100.00	6,090.20	6,122.27	6,090.20	16.81	18.56	-90.37	-203.01	-479.44	300.01	268.85	31.16	9.628	
6,200.00	6,190.20	6,222.27	6,190.20	16.85	18.61	-90.37	-203.01	-479.44	300.01	268.76	31.25	9.600	
6,300.00	6,290.20	6,322.27	6,290.20	16.89	18.65	-90.37	-203.01	-479.44	300.01	268.66	31.34	9.572	
6,400.00	6,390.20	6,422.27	6,390.20	16.93	18.69	-90.37	-203.01	-479.44	300.01	268.57	31.43	9.544	
6,500.00	6,490.20	6,522.27	6,490.20	16.97	18.73	-90.37	-203.01	-479.44	300.01	268.48	31.53	9.516	
6,600.00	6,590.20	6,622.27	6,590.20	17.01	18.77	-90.37	-203.01	-479.44	300.01	268.38	31.62	9.487	
6,700.00	6,690.20	6,722.27	6,690.20	17.06	18.82	-90.37	-203.01	-479.44	300.01	268.29	31.72	9.459	
6,800.00	6,790.20	6,822.27	6,790.20	17.10	18.86	-90.37	-203.01	-479.44	300.01	268.20	31.81	9.431	
6,900.00	6,890.20	6,922.27	6,890.20	17.14	18.90	-90.37	-203.01	-479.44	300.01	268.10	31.91	9.403	
7,000.00	6,990.20	7,022.27	6,990.20	17.18	18.94	-90.37	-203.01	-479.44	300.01	268.00	32.00	9.375	
7,100.00	7,090.20	7,122.27	7,090.20	17.23	18.99	-90.37	-203.01	-479.44	300.01	267.91	32.10	9.346	
7,200.00	7,190.20	7,222.27	7,190.20	17.27	19.03	-90.37	-203.01	-479.44	300.01	267.81	32.20	9.318	
7,300.00	7,290.20	7,322.27	7,290.20	17.32	19.07	-90.37	-203.01	-479.44	300.01	267.71	32.29	9.290	
7,400.00	7,390.20	7,422.27	7,390.20	17.36	19.12	-90.37	-203.01	-479.44	300.01	267.61	32.39	9.262	
7,500.00	7,490.20	7,522.27	7,490.20	17.40	19.16	-90.37	-203.01	-479.44	300.01	267.52	32.49	9.234	
7,600.00	7,590.20	7,622.27	7,590.20	17.45	19.21	-90.37	-203.01	-479.44	300.01	267.42	32.59	9.206	
7,700.00	7,690.20	7,722.27	7,690.20	17.49	19.25	-90.37	-203.01	-479.44	300.01	267.32	32.69	9.178	
7,800.00	7,790.20	7,822.27	7,790.20	17.54	19.30	-90.37	-203.01	-479.44	300.01	267.22	32.79	9.150	
7,900.00	7,890.20	7,922.27	7,890.20	17.58	19.34	-90.37	-203.01	-479.44	300.01	267.12	32.89	9.121	
8,000.00	7,990.20	8,022.27	7,990.20	17.63	19.39	-90.37	-203.01	-479.44	300.01	267.01	32.99	9.094	
8,100.00	8,090.20	8,122.27	8,090.20	17.68	19.43	-90.37	-203.01	-479.44	300.01	266.91	33.09	9.066	
8,200.00	8,190.20	8,222.27	8,190.20	17.72	19.48	-90.37	-203.01	-479.44	300.01	266.81	33.20	9.038	
8,300.00	8,290.20	8,322.27	8,290.20	17.77	19.53	-90.37	-203.01	-479.44	300.01	266.71	33.30	9.010	
8,400.00	8,390.20	8,422.27	8,390.20	17.82	19.57	-90.37	-203.01	-479.44	300.01	266.61	33.40	8.982	
8,500.00	8,490.20	8,522.27	8,490.20	17.86	19.62	-90.37	-203.01	-479.44	300.01	266.50	33.50	8.954	
8,600.00	8,590.20	8,622.27	8,590.20	17.91	19.67	-90.37	-203.01	-479.44	300.01	266.40	33.61	8.926	
8,700.00	8,690.20	8,722.27	8,690.20	17.96	19.71	-90.37	-203.01	-479.44	300.01	266.29	33.71	8.899	
8,800.00	8,790.20	8,822.27	8,790.20	18.01	19.76	-90.37	-203.01	-479.44	300.01	266.19	33.82	8.871	
8,900.00	8,890.20	8,922.27	8,890.20	18.05	19.81	-90.37	-203.01	-479.44	300.01	266.08	33.92	8.844	
9,000.00	8,990.20	9,022.27	8,990.20	18.10	19.86	-90.37	-203.01	-479.44	300.01	265.98	34.03	8.816	
9,100.00	9,090.20	9,122.27	9,090.20	18.15	19.91	-90.37	-203.01	-479.44	300.01	265.87	34.14	8.788	
9,200.00	9,190.20	9,222.27	9,190.20	18.20	19.95	-90.37	-203.01	-479.44	300.01	265.76	34.24	8.761	
9,300.00	9,290.20	9,322.27	9,290.20	18.25	20.00	-90.37	-203.01	-479.44	300.01	265.66	34.35	8.734	
9,400.00	9,390.20	9,422.27	9,390.20	18.30	20.05	-90.37	-203.01	-479.44	300.01	265.55	34.46	8.706	
9,500.00	9,490.20	9,522.27	9,490.20	18.35	20.10	-90.37	-203.01	-479.44	300.01	265.44	34.57	8.679	
9,600.00	9,590.20	9,622.27	9,590.20	18.40	20.15	-90.37	-203.01	-479.44	300.01	265.33	34.67	8.652	
9,700.00	9,690.20	9,722.27	9,690.20	18.45	20.20	-90.37	-203.01	-479.44	300.01	265.22	34.78	8.625	
9,800.00	9,790.20	9,822.27	9,790.20	18.50	20.25	-90.37	-203.01	-479.44	300.01	265.11	34.89	8.598	
9,807.52	9,797.71	9,829.78	9,797.71	18.50	20.25	-90.37	-203.01	-479.44	300.01	265.11	34.90	8.596	
9,900.00	9,890.20	9,922.20	9,890.10	18.55	20.25	-90.13	-201.74	-479.45	300.01	265.06	34.95	8.585	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 503H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,000.00	9,990.20	10,019.64	9,986.31	18.60	20.16	-87.32	-187.06	-479.55	300.47	265.89	34.58	8.690	
10,098.84	10,089.04	10,108.76	10,070.98	18.65	20.06	-82.12	-159.53	-479.75	303.70	269.83	33.87	8.966	
10,100.00	10,090.20	10,109.75	10,071.90	18.65	20.06	-89.14	-159.15	-479.75	303.77	269.91	33.86	8.970	
10,150.00	10,140.13	10,150.00	10,108.49	18.68	20.01	-85.96	-142.42	-479.87	307.58	273.95	33.64	9.144	
10,200.00	10,189.67	10,193.03	10,146.21	18.61	19.97	-82.64	-121.73	-480.01	312.84	279.46	33.38	9.372	
10,250.00	10,238.45	10,233.31	10,180.02	18.52	19.93	-79.58	-99.85	-480.16	319.35	286.04	33.31	9.587	
10,300.00	10,286.09	10,272.81	10,211.61	18.42	19.90	-76.69	-76.14	-480.33	326.88	293.50	33.38	9.793	
10,350.00	10,332.23	10,311.63	10,240.98	18.32	19.88	-73.99	-50.78	-480.51	335.21	301.63	33.58	9.983	
10,400.00	10,376.52	10,350.00	10,268.26	18.22	19.86	-71.50	-23.81	-480.70	344.14	310.25	33.90	10.153	
10,450.00	10,418.62	10,387.49	10,293.12	18.12	19.86	-69.23	4.25	-480.89	353.47	319.14	34.33	10.297	
10,500.00	10,458.22	10,424.67	10,315.90	18.03	19.87	-67.17	33.62	-481.10	363.00	328.17	34.84	10.419	
10,550.00	10,495.00	10,461.43	10,336.51	17.95	19.89	-65.33	64.05	-481.31	372.60	337.18	35.42	10.520	
10,600.00	10,528.69	10,500.00	10,355.99	17.88	19.93	-63.66	97.33	-481.55	382.11	346.13	35.99	10.618	
10,650.00	10,559.04	10,533.92	10,371.24	17.82	19.98	-62.28	127.62	-481.76	391.41	354.69	36.72	10.660	
10,700.00	10,585.81	10,569.73	10,385.36	17.79	20.04	-61.06	160.53	-481.99	400.39	362.98	37.41	10.702	
10,750.00	10,608.80	10,600.00	10,395.67	17.77	20.10	-60.06	188.98	-482.19	409.02	370.78	38.23	10.698	
10,800.00	10,627.84	10,640.73	10,407.15	17.78	20.21	-59.18	228.05	-482.47	417.07	378.24	38.83	10.742	
10,850.00	10,642.77	10,675.99	10,414.83	17.81	20.31	-58.51	262.46	-482.71	424.62	385.09	39.53	10.741	
10,900.00	10,653.49	10,711.16	10,420.36	17.88	20.43	-58.01	297.18	-482.95	431.58	391.36	40.23	10.729	
10,950.00	10,659.92	10,750.00	10,423.99	17.97	20.58	-57.69	335.85	-483.22	437.94	397.09	40.85	10.720	
10,998.84	10,662.00	10,784.11	10,425.00	18.09	20.73	-57.52	369.93	-483.46	443.49	401.99	41.50	10.688	
11,000.00	10,662.00	10,784.11	10,425.00	18.10	20.73	-57.52	369.93	-483.46	443.60	402.08	41.52	10.685	
11,100.00	10,662.00	10,879.52	10,425.00	18.45	21.21	-58.35	465.35	-484.13	453.16	410.54	42.62	10.632	
11,200.00	10,662.00	10,979.21	10,425.00	18.91	21.77	-58.93	565.03	-484.83	459.84	415.99	43.84	10.489	
11,300.00	10,662.00	11,079.11	10,425.00	19.50	22.41	-59.24	664.93	-485.53	463.55	418.34	45.21	10.253	
11,373.77	10,662.00	11,152.88	10,425.00	20.00	22.93	-59.31	738.69	-486.05	464.37	418.07	46.29	10.031	
11,400.00	10,662.00	11,179.11	10,425.00	20.18	23.12	-59.31	764.92	-486.23	464.37	417.68	46.69	9.946	
11,500.00	10,662.00	11,279.11	10,425.00	20.97	23.89	-59.31	864.92	-486.94	464.37	416.10	48.28	9.619	
11,600.00	10,662.00	11,379.11	10,425.00	21.84	24.72	-59.31	964.92	-487.64	464.38	414.43	49.95	9.297	
11,700.00	10,662.00	11,479.11	10,425.00	22.78	25.60	-59.31	1,064.91	-488.34	464.39	412.69	51.70	8.982	
11,800.00	10,662.00	11,579.11	10,425.00	23.79	26.53	-59.31	1,164.91	-489.04	464.39	410.87	53.52	8.677	
11,900.00	10,662.00	11,679.11	10,425.00	24.84	27.50	-59.31	1,264.91	-489.74	464.40	408.99	55.41	8.382	
12,000.00	10,662.00	11,779.11	10,425.00	25.94	28.51	-59.31	1,364.91	-490.45	464.40	407.05	57.35	8.098	
12,100.00	10,662.00	11,879.11	10,425.00	27.07	29.56	-59.31	1,464.90	-491.15	464.41	405.06	59.34	7.826	
12,200.00	10,662.00	11,979.11	10,425.00	28.24	30.63	-59.31	1,564.90	-491.85	464.41	403.03	61.38	7.566	
12,300.00	10,662.00	12,079.11	10,425.00	29.43	31.74	-59.32	1,664.90	-492.55	464.42	400.95	63.47	7.318	
12,400.00	10,662.00	12,179.11	10,425.00	30.65	32.88	-59.32	1,764.90	-493.25	464.42	398.84	65.59	7.081	
12,500.00	10,662.00	12,279.11	10,425.00	31.89	34.04	-59.32	1,864.89	-493.96	464.43	396.69	67.74	6.856	
12,600.00	10,662.00	12,379.11	10,425.00	33.14	35.22	-59.32	1,964.89	-494.66	464.43	394.51	69.93	6.642	
12,700.00	10,662.00	12,479.11	10,425.00	34.41	36.42	-59.32	2,064.89	-495.36	464.44	392.30	72.14	6.438	
12,800.00	10,662.00	12,579.11	10,425.00	35.70	37.63	-59.32	2,164.89	-496.06	464.44	390.06	74.38	6.244	
12,900.00	10,662.00	12,679.11	10,425.00	37.00	38.87	-59.32	2,264.88	-496.76	464.45	387.80	76.65	6.059	
13,000.00	10,662.00	12,779.11	10,425.00	38.31	40.11	-59.32	2,364.88	-497.46	464.46	385.52	78.94	5.884	
13,100.00	10,662.00	12,879.11	10,425.00	39.63	41.37	-59.32	2,464.88	-498.17	464.46	383.22	81.24	5.717	
13,200.00	10,662.00	12,979.11	10,425.00	40.95	42.65	-59.32	2,564.88	-498.87	464.47	380.90	83.57	5.558	
13,300.00	10,662.00	13,079.11	10,425.00	42.29	43.93	-59.32	2,664.87	-499.57	464.47	378.56	85.91	5.407	
13,400.00	10,662.00	13,179.11	10,425.00	43.63	45.22	-59.32	2,764.87	-500.27	464.48	376.21	88.26	5.262	
13,500.00	10,662.00	13,279.11	10,425.00	44.98	46.52	-59.32	2,864.87	-500.97	464.48	373.85	90.63	5.125	
13,600.00	10,662.00	13,379.11	10,425.00	46.34	47.84	-59.32	2,964.87	-501.68	464.49	371.47	93.02	4.994	
13,700.00	10,662.00	13,479.11	10,425.00	47.70	49.15	-59.32	3,064.86	-502.38	464.49	369.08	95.41	4.868	
13,800.00	10,662.00	13,579.11	10,425.00	49.07	50.48	-59.32	3,164.86	-503.08	464.50	366.68	97.82	4.749	
13,900.00	10,662.00	13,679.11	10,425.00	50.44	51.81	-59.32	3,264.86	-503.78	464.50	364.27	100.24	4.634	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 503H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,000.00	10,662.00	13,779.11	10,425.00	51.82	53.15	-59.32	3,364.86	-504.48	464.51	361.85	102.66	4.525	
14,100.00	10,662.00	13,879.11	10,425.00	53.19	54.49	-59.32	3,464.85	-505.19	464.52	359.42	105.10	4.420	
14,200.00	10,662.00	13,979.11	10,425.00	54.58	55.84	-59.32	3,564.85	-505.89	464.52	356.98	107.54	4.319	
14,300.00	10,662.00	14,079.11	10,425.00	55.96	57.20	-59.32	3,664.85	-506.59	464.53	354.53	110.00	4.223	
14,400.00	10,662.00	14,179.11	10,425.00	57.35	58.56	-59.32	3,764.85	-507.29	464.53	352.08	112.46	4.131	
14,500.00	10,662.00	14,279.11	10,425.00	58.75	59.92	-59.32	3,864.84	-507.99	464.54	349.61	114.92	4.042	
14,600.00	10,662.00	14,379.11	10,425.00	60.14	61.29	-59.32	3,964.84	-508.69	464.54	347.15	117.39	3.957	
14,700.00	10,662.00	14,479.11	10,425.00	61.54	62.66	-59.32	4,064.84	-509.40	464.55	344.67	119.87	3.875	
14,800.00	10,662.00	14,579.11	10,425.00	62.94	64.03	-59.33	4,164.84	-510.10	464.55	342.19	122.36	3.797	
14,900.00	10,662.00	14,679.11	10,425.00	64.34	65.41	-59.33	4,264.83	-510.80	464.56	339.71	124.85	3.721	
15,000.00	10,662.00	14,779.11	10,425.00	65.74	66.79	-59.33	4,364.83	-511.50	464.56	337.22	127.34	3.648	
15,100.00	10,662.00	14,879.11	10,425.00	67.15	68.17	-59.33	4,464.83	-512.20	464.57	334.73	129.84	3.578	
15,200.00	10,662.00	14,979.11	10,425.00	68.56	69.56	-59.33	4,564.83	-512.91	464.57	332.23	132.35	3.510	
15,300.00	10,662.00	15,079.11	10,425.00	69.97	70.94	-59.33	4,664.82	-513.61	464.58	329.73	134.85	3.445	
15,400.00	10,662.00	15,179.11	10,425.00	71.38	72.34	-59.33	4,764.82	-514.31	464.59	327.22	137.37	3.382	
15,500.00	10,662.00	15,279.11	10,425.00	72.79	73.73	-59.33	4,864.82	-515.01	464.59	324.71	139.88	3.321	
15,600.00	10,662.00	15,379.11	10,425.00	74.20	75.12	-59.33	4,964.82	-515.71	464.60	322.19	142.40	3.263	
15,700.00	10,662.00	15,479.11	10,425.00	75.62	76.52	-59.33	5,064.81	-516.42	464.60	319.68	144.92	3.206	
15,800.00	10,662.00	15,579.11	10,425.00	77.03	77.92	-59.33	5,164.81	-517.12	464.61	317.16	147.45	3.151	
15,900.00	10,662.00	15,679.11	10,425.00	78.45	79.32	-59.33	5,264.81	-517.82	464.61	314.63	149.98	3.098	
16,000.00	10,662.00	15,779.11	10,425.00	79.87	80.72	-59.33	5,364.81	-518.52	464.62	312.11	152.51	3.046	
16,100.00	10,662.00	15,879.11	10,425.00	81.29	82.12	-59.33	5,464.80	-519.22	464.62	309.58	155.05	2.997	
16,200.00	10,662.00	15,979.11	10,425.00	82.71	83.53	-59.33	5,564.80	-519.93	464.63	307.04	157.58	2.948	
16,300.00	10,662.00	16,079.11	10,425.00	84.13	84.94	-59.33	5,664.80	-520.63	464.63	304.51	160.12	2.902	
16,400.00	10,662.00	16,179.11	10,425.00	85.55	86.34	-59.33	5,764.80	-521.33	464.64	301.97	162.67	2.856	
16,500.00	10,662.00	16,279.11	10,425.00	86.97	87.75	-59.33	5,864.80	-522.03	464.64	299.43	165.21	2.812	
16,600.00	10,662.00	16,379.11	10,425.00	88.40	89.16	-59.33	5,964.79	-522.73	464.65	296.89	167.76	2.770	
16,700.00	10,662.00	16,479.11	10,425.00	89.82	90.57	-59.33	6,064.79	-523.43	464.66	294.35	170.31	2.728	
16,800.00	10,662.00	16,579.11	10,425.00	91.25	91.99	-59.33	6,164.79	-524.14	464.66	291.80	172.86	2.688	
16,900.00	10,662.00	16,679.11	10,425.00	92.67	93.40	-59.33	6,264.79	-524.84	464.67	289.26	175.41	2.649	
17,000.00	10,662.00	16,779.11	10,425.00	94.10	94.82	-59.33	6,364.78	-525.54	464.67	286.71	177.97	2.611	
17,100.00	10,662.00	16,879.11	10,425.00	95.53	96.23	-59.33	6,464.78	-526.24	464.68	284.16	180.52	2.574	
17,200.00	10,662.00	16,979.11	10,425.00	96.95	97.65	-59.33	6,564.78	-526.94	464.68	281.60	183.08	2.538	
17,300.00	10,662.00	17,079.11	10,425.00	98.38	99.07	-59.33	6,664.78	-527.65	464.69	279.05	185.64	2.503	
17,400.00	10,662.00	17,179.11	10,425.00	99.81	100.48	-59.34	6,764.77	-528.35	464.69	276.49	188.20	2.469	
17,500.00	10,662.00	17,279.11	10,425.00	101.24	101.90	-59.34	6,864.77	-529.05	464.70	273.94	190.76	2.436	
17,600.00	10,662.00	17,379.11	10,425.00	102.67	103.32	-59.34	6,964.77	-529.75	464.70	271.38	193.33	2.404	
17,700.00	10,662.00	17,479.11	10,425.00	104.10	104.74	-59.34	7,064.77	-530.45	464.71	268.82	195.89	2.372	
17,800.00	10,662.00	17,579.11	10,425.00	105.53	106.17	-59.34	7,164.76	-531.16	464.72	266.26	198.46	2.342	
17,900.00	10,662.00	17,679.11	10,425.00	106.96	107.59	-59.34	7,264.76	-531.86	464.72	263.69	201.03	2.312	
18,000.00	10,662.00	17,779.11	10,425.00	108.39	109.01	-59.34	7,364.76	-532.56	464.73	261.13	203.60	2.283	
18,100.00	10,662.00	17,879.11	10,425.00	109.83	110.44	-59.34	7,464.76	-533.26	464.73	258.57	206.17	2.254	
18,200.00	10,662.00	17,979.11	10,425.00	111.26	111.86	-59.34	7,564.75	-533.96	464.74	256.00	208.74	2.226	
18,300.00	10,662.00	18,079.11	10,425.00	112.69	113.28	-59.34	7,664.75	-534.67	464.74	253.43	211.31	2.199	
18,400.00	10,662.00	18,179.11	10,425.00	114.12	114.71	-59.34	7,764.75	-535.37	464.75	250.86	213.88	2.173	
18,500.00	10,662.00	18,279.11	10,425.00	115.56	116.14	-59.34	7,864.75	-536.07	464.75	248.29	216.46	2.147	
18,600.00	10,662.00	18,379.11	10,425.00	116.99	117.56	-59.34	7,964.74	-536.77	464.76	245.72	219.03	2.122	
18,700.00	10,662.00	18,479.11	10,425.00	118.43	118.99	-59.34	8,064.74	-537.47	464.76	243.15	221.61	2.097	
18,800.00	10,662.00	18,579.11	10,425.00	119.86	120.42	-59.34	8,164.74	-538.17	464.77	240.58	224.19	2.073	
18,900.00	10,662.00	18,679.11	10,425.00	121.30	121.84	-59.34	8,264.74	-538.88	464.77	238.01	226.77	2.050	
19,000.00	10,662.00	18,779.11	10,425.00	122.73	123.27	-59.34	8,364.73	-539.58	464.78	235.44	229.34	2.027	
19,100.00	10,662.00	18,879.11	10,425.00	124.17	124.70	-59.34	8,464.73	-540.28	464.79	232.86	231.92	2.004	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 503H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,200.00	10,662.00	18,979.11	10,425.00	125.60	126.13	-59.34	8,564.73	-540.98	464.79	230.29	234.51	1.982	Collision Risk Procedures Req.
19,300.00	10,662.00	19,079.11	10,425.00	127.04	127.56	-59.34	8,664.73	-541.68	464.80	227.71	237.09	1.960	Collision Risk Procedures Req.
19,400.00	10,662.00	19,179.11	10,425.00	128.48	128.99	-59.34	8,764.72	-542.39	464.80	225.13	239.67	1.939	Collision Risk Procedures Req.
19,500.00	10,662.00	19,279.11	10,425.00	129.91	130.42	-59.34	8,864.72	-543.09	464.81	222.55	242.25	1.919	Collision Risk Procedures Req.
19,600.00	10,662.00	19,379.11	10,425.00	131.35	131.85	-59.34	8,964.72	-543.79	464.81	219.98	244.84	1.898	Collision Risk Procedures Req.
19,700.00	10,662.00	19,479.11	10,425.00	132.79	133.28	-59.34	9,064.72	-544.49	464.82	217.40	247.42	1.879	Collision Risk Procedures Req.
19,800.00	10,662.00	19,579.11	10,425.00	134.22	134.71	-59.34	9,164.71	-545.19	464.82	214.82	250.01	1.859	Collision Risk Procedures Req.
19,900.00	10,662.00	19,679.11	10,425.00	135.66	136.15	-59.35	9,264.71	-545.90	464.83	212.24	252.59	1.840	Collision Risk Procedures Req.
20,000.00	10,662.00	19,779.11	10,425.00	137.10	137.58	-59.35	9,364.71	-546.60	464.83	209.66	255.18	1.822	Collision Risk Procedures Req.
20,100.00	10,662.00	19,879.11	10,425.00	138.54	139.01	-59.35	9,464.71	-547.30	464.84	207.08	257.76	1.803	Collision Risk Procedures Req.
20,200.00	10,662.00	19,979.11	10,425.00	139.97	140.44	-59.35	9,564.70	-548.00	464.84	204.49	260.35	1.785	Collision Risk Procedures Req.
20,300.00	10,662.00	20,079.11	10,425.00	141.41	141.88	-59.35	9,664.70	-548.70	464.85	201.91	262.94	1.768	Collision Risk Procedures Req.
20,400.00	10,662.00	20,179.11	10,425.00	142.85	143.31	-59.35	9,764.70	-549.41	464.86	199.33	265.53	1.751	Collision Risk Procedures Req.
20,500.00	10,662.00	20,279.11	10,425.00	144.29	144.74	-59.35	9,864.70	-550.11	464.86	196.74	268.12	1.734	Collision Risk Procedures Req.
20,600.00	10,662.00	20,379.11	10,425.00	145.73	146.18	-59.35	9,964.69	-550.81	464.87	194.16	270.71	1.717	Collision Risk Procedures Req.
20,700.00	10,662.00	20,479.11	10,425.00	147.17	147.61	-59.35	10,064.69	-551.51	464.87	191.57	273.30	1.701	Collision Risk Procedures Req.
20,800.00	10,662.00	20,579.11	10,425.00	148.61	149.05	-59.35	10,164.69	-552.21	464.88	188.99	275.89	1.685	Collision Risk Procedures Req.
20,859.60	10,662.00	20,638.70	10,425.00	149.33	149.90	-59.35	10,224.28	-552.63	464.88	187.60	277.29	1.677	Collision Risk Procedures Req.
20,860.15	10,662.00	20,638.92	10,425.00	149.34	149.91	-59.35	10,224.51	-552.63	464.88	187.58	277.30	1.676	Collision Risk Procedures Req., SF

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 504H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-90.37	-0.16	-24.99	24.99				
100.00	100.00	100.00	100.00	0.79	0.79	-90.37	-0.16	-24.99	24.99	23.41	1.58	15.775	
200.00	200.00	200.00	200.00	1.45	1.45	-90.37	-0.16	-24.99	24.99	22.09	2.90	8.620	
300.00	300.00	300.00	300.00	1.89	1.89	-90.37	-0.16	-24.99	24.99	21.20	3.79	6.596	
400.00	400.00	400.00	400.00	2.26	2.26	-90.37	-0.16	-24.99	24.99	20.48	4.51	5.539	
500.00	500.00	500.00	500.00	2.57	2.57	-90.37	-0.16	-24.99	24.99	19.85	5.14	4.863	
600.00	600.00	600.00	600.00	2.85	2.85	-90.37	-0.16	-24.99	24.99	19.29	5.70	4.382	
700.00	700.00	700.00	700.00	3.11	3.11	-90.37	-0.16	-24.99	24.99	18.77	6.22	4.018	
800.00	800.00	800.00	800.00	3.35	3.35	-90.37	-0.16	-24.99	24.99	18.29	6.70	3.729	
900.00	900.00	900.00	900.00	3.58	3.58	-90.37	-0.16	-24.99	24.99	17.84	7.15	3.494	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	-90.37	-0.16	-24.99	24.99	17.41	7.58	3.296	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	-90.37	-0.16	-24.99	24.99	17.00	7.99	3.127	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	-90.37	-0.16	-24.99	24.99	16.61	8.38	2.981	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	-90.37	-0.16	-24.99	24.99	16.23	8.76	2.852	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	-90.37	-0.16	-24.99	24.99	15.86	9.13	2.738	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	-90.37	-0.16	-24.99	24.99	15.51	9.48	2.636	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	-90.37	-0.16	-24.99	24.99	15.16	9.83	2.543	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	-90.37	-0.16	-24.99	24.99	14.83	10.16	2.460	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	-90.37	-0.16	-24.99	24.99	14.50	10.49	2.383	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	-90.37	-0.16	-24.99	24.99	14.18	10.81	2.312	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	-90.37	-0.16	-24.99	24.99	13.87	11.12	2.247	
2,034.96	2,034.96	2,034.96	2,034.96	5.62	5.61	90.00	-0.16	-24.99	24.99	13.77	11.22	2.228	CC
2,100.00	2,099.99	2,099.99	2,099.99	5.73	5.71	92.63	-0.16	-24.99	25.02	13.61	11.40	2.194	ES
2,200.00	2,199.91	2,199.91	2,199.91	5.88	5.86	101.46	-0.16	-24.99	25.50	13.84	11.66	2.187	SF
2,281.33	2,281.08	2,281.08	2,281.08	5.98	5.98	112.14	-0.16	-24.99	26.99	15.14	11.85	2.277	
2,300.00	2,299.70	2,299.70	2,299.70	5.99	6.01	111.19	-0.16	-24.99	27.49	15.61	11.89	2.313	
2,400.00	2,399.46	2,399.46	2,399.46	6.18	6.16	103.10	-0.16	-24.99	29.57	17.34	12.23	2.418	
2,494.02	2,493.24	2,493.24	2,493.24	6.33	6.29	95.97	-0.16	-24.99	30.63	18.09	12.53	2.444	
2,500.00	2,499.21	2,499.21	2,499.21	6.34	6.30	96.78	-0.16	-24.99	30.68	18.13	12.54	2.445	
2,600.00	2,598.94	2,598.94	2,598.94	6.65	6.44	109.80	-0.16	-24.99	32.38	19.38	13.00	2.491	
2,700.00	2,698.67	2,698.67	2,698.67	6.84	6.58	121.00	-0.16	-24.99	35.56	22.23	13.33	2.668	
2,800.00	2,798.39	2,798.39	2,798.39	7.04	6.71	130.09	-0.16	-24.99	39.86	26.19	13.68	2.915	
2,900.00	2,898.12	2,898.12	2,898.12	7.26	6.85	137.28	-0.16	-24.99	44.96	30.93	14.04	3.203	
3,000.00	2,997.85	2,997.85	2,997.85	7.49	6.98	142.93	-0.16	-24.99	50.62	36.22	14.41	3.514	
3,100.00	3,097.58	3,097.55	3,097.54	7.73	7.13	148.68	-0.41	-23.77	56.69	41.92	14.78	3.836	
3,200.00	3,197.31	3,196.91	3,196.82	7.98	7.26	155.58	-1.18	-20.02	63.56	48.40	15.15	4.194	
3,300.00	3,297.04	3,295.80	3,295.50	8.25	7.41	163.06	-2.46	-13.78	71.83	56.29	15.54	4.622	
3,400.00	3,396.77	3,394.09	3,393.39	8.52	7.58	170.54	-4.24	-5.09	82.06	66.14	15.92	5.154	
3,500.00	3,496.50	3,491.65	3,490.30	8.80	7.77	177.61	-6.51	5.96	94.66	78.36	16.30	5.807	
3,600.00	3,596.22	3,588.37	3,586.05	9.08	7.97	-176.01	-9.25	19.31	109.86	93.19	16.67	6.590	
3,700.00	3,695.95	3,686.10	3,682.58	9.37	8.42	-170.65	-12.31	34.22	127.09	109.77	17.33	7.336	
3,800.00	3,795.68	3,783.98	3,779.27	9.67	8.68	-166.57	-15.38	49.17	145.17	127.40	17.77	8.169	
3,900.00	3,895.41	3,881.87	3,875.96	9.97	8.90	-163.40	-18.45	64.12	163.81	145.61	18.20	9.003	
4,000.00	3,995.14	3,979.76	3,972.65	10.28	9.15	-160.88	-21.51	79.07	182.83	164.19	18.64	9.808	
4,100.00	4,094.87	4,077.64	4,069.34	10.59	9.40	-158.83	-24.58	94.02	202.13	183.03	19.11	10.580	
4,200.00	4,194.60	4,175.53	4,166.03	10.90	9.67	-157.15	-27.65	108.97	221.64	202.05	19.59	11.315	
4,300.00	4,294.33	4,273.42	4,262.72	11.22	9.95	-155.73	-30.72	123.92	241.31	221.22	20.09	12.012	
4,400.00	4,394.06	4,371.31	4,359.41	11.55	10.24	-154.53	-33.78	138.86	261.09	240.48	20.60	12.671	
4,500.00	4,493.78	4,469.19	4,456.10	11.87	10.55	-153.50	-36.85	153.81	280.97	259.83	21.13	13.294	
4,600.00	4,593.51	4,567.08	4,552.79	12.20	10.86	-152.60	-39.92	168.76	300.92	279.25	21.68	13.882	
4,700.00	4,693.24	4,664.97	4,649.48	12.53	11.18	-151.82	-42.99	183.71	320.94	298.71	22.23	14.436	
4,800.00	4,792.97	4,762.85	4,746.17	12.86	11.50	-151.12	-46.05	198.66	341.01	318.21	22.80	14.959	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 504H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,900.00	4,892.70	4,860.74	4,842.86	13.20	11.84	-150.51	-49.12	213.61	361.12	337.75	23.37	15.451	
5,000.00	4,992.43	4,958.63	4,939.55	13.53	12.18	-149.96	-52.19	228.55	381.27	357.31	23.96	15.915	
5,100.00	5,092.16	5,056.51	5,036.24	13.87	12.52	-149.46	-55.26	243.50	401.45	376.90	24.55	16.353	
5,200.00	5,191.89	5,154.40	5,132.93	14.21	12.88	-149.01	-58.32	258.45	421.65	396.50	25.15	16.766	
5,300.00	5,291.61	5,252.29	5,229.62	14.55	13.23	-148.61	-61.39	273.40	441.88	416.12	25.76	17.156	
5,400.00	5,391.34	5,350.18	5,326.31	14.90	13.59	-148.23	-64.46	288.35	462.12	435.75	26.37	17.524	
5,500.00	5,491.07	5,448.06	5,423.00	15.24	13.96	-147.89	-67.53	303.30	482.38	455.39	26.99	17.873	
5,600.00	5,590.80	5,545.95	5,519.69	15.59	14.33	-147.58	-70.59	318.25	502.66	475.05	27.62	18.202	
5,700.00	5,690.53	5,643.84	5,616.38	15.94	14.70	-147.29	-73.66	333.19	522.95	494.71	28.25	18.514	
5,728.43	5,718.88	5,671.66	5,643.87	16.02	14.81	-147.21	-74.53	337.44	528.72	500.31	28.42	18.607	
5,800.00	5,790.30	5,741.83	5,713.17	16.26	15.08	-147.10	-76.73	348.16	542.70	513.85	28.85	18.809	
5,900.00	5,890.21	5,840.16	5,810.31	16.58	15.46	-146.82	-79.81	363.17	560.40	530.94	29.46	19.022	
6,009.80	6,000.00	5,948.47	5,917.29	16.78	15.89	78.10	-83.21	379.72	577.40	547.40	30.00	19.248	
6,100.00	6,090.20	6,037.57	6,005.30	16.81	16.24	78.64	-86.00	393.32	590.35	560.00	30.34	19.457	
6,200.00	6,190.20	6,136.34	6,102.87	16.85	16.63	79.21	-89.10	408.41	604.76	574.02	30.73	19.677	
6,300.00	6,290.20	6,235.12	6,200.44	16.89	17.02	79.76	-92.19	423.49	619.23	588.09	31.13	19.889	
6,400.00	6,390.20	6,333.90	6,298.01	16.93	17.42	80.29	-95.29	438.57	633.75	602.21	31.54	20.094	
6,500.00	6,490.20	6,432.68	6,395.58	16.97	17.82	80.79	-98.38	453.66	648.32	616.37	31.95	20.293	
6,600.00	6,590.20	6,531.45	6,493.15	17.01	18.22	81.26	-101.48	468.74	662.94	630.57	32.36	20.485	
6,700.00	6,690.20	6,630.23	6,590.72	17.06	18.62	81.72	-104.57	483.83	677.60	644.82	32.78	20.671	
6,800.00	6,790.20	6,729.01	6,688.29	17.10	19.02	82.16	-107.67	498.91	692.30	659.09	33.20	20.850	
6,900.00	6,890.20	6,827.78	6,785.86	17.14	19.43	82.58	-110.76	514.00	707.04	673.41	33.63	21.024	
7,000.00	6,990.20	6,926.56	6,883.43	17.18	19.84	82.98	-113.86	529.08	721.81	687.75	34.06	21.192	
7,100.00	7,090.20	7,025.34	6,981.00	17.23	20.24	83.37	-116.96	544.17	736.62	702.13	34.49	21.355	
7,200.00	7,190.20	7,124.12	7,078.57	17.27	20.65	83.74	-120.05	559.25	751.46	716.53	34.93	21.512	
7,300.00	7,290.20	7,222.89	7,176.14	17.32	21.06	84.10	-123.15	574.33	766.33	730.96	35.37	21.665	
7,400.00	7,390.20	7,321.67	7,273.71	17.36	21.48	84.44	-126.24	589.42	781.23	745.41	35.82	21.813	
7,500.00	7,490.20	7,420.45	7,371.28	17.40	21.89	84.77	-129.34	604.50	796.15	759.89	36.26	21.956	
7,600.00	7,590.20	7,519.23	7,468.85	17.45	22.30	85.09	-132.43	619.59	811.10	774.39	36.71	22.094	
7,700.00	7,690.20	7,618.00	7,566.41	17.49	22.72	85.40	-135.53	634.67	826.07	788.91	37.16	22.228	
7,800.00	7,790.20	7,716.78	7,663.98	17.54	23.14	85.69	-138.62	649.76	841.07	803.45	37.62	22.359	
7,900.00	7,890.20	7,815.56	7,761.55	17.58	23.55	85.98	-141.72	664.84	856.09	818.01	38.07	22.485	
8,000.00	7,990.20	7,914.34	7,859.12	17.63	23.97	86.25	-144.81	679.93	871.12	832.59	38.53	22.607	
8,100.00	8,090.20	8,013.11	7,956.69	17.68	24.39	86.52	-147.91	695.01	886.18	847.19	38.99	22.726	
8,200.00	8,190.20	8,111.89	8,054.26	17.72	24.81	86.78	-151.00	710.09	901.25	861.80	39.46	22.841	
8,300.00	8,290.20	8,210.67	8,151.83	17.77	25.23	87.03	-154.10	725.18	916.35	876.42	39.92	22.953	
8,400.00	8,390.20	8,309.45	8,249.40	17.82	25.65	87.27	-157.20	740.26	931.45	891.06	40.39	23.062	
8,500.00	8,490.20	8,408.22	8,346.97	17.86	26.07	87.50	-160.29	755.35	946.58	905.72	40.86	23.167	
8,600.00	8,590.20	8,507.00	8,444.54	17.91	26.50	87.73	-163.39	770.43	961.71	920.38	41.33	23.269	
8,700.00	8,690.20	8,605.78	8,542.11	17.96	26.92	87.95	-166.48	785.52	976.87	935.06	41.80	23.369	
8,800.00	8,790.20	8,704.56	8,639.68	18.01	27.34	88.16	-169.58	800.60	992.03	949.76	42.28	23.466	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 604H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.63	0.16	25.00	25.00				
100.00	100.00	100.00	100.00	0.79	0.79	89.63	0.16	25.00	25.00	23.42	1.58	15.782	
200.00	200.00	200.00	200.00	1.45	1.45	89.63	0.16	25.00	25.00	22.10	2.90	8.623	
300.00	300.00	300.00	300.00	1.89	1.89	89.63	0.16	25.00	25.00	21.21	3.79	6.599	
400.00	400.00	400.00	400.00	2.26	2.26	89.63	0.16	25.00	25.00	20.49	4.51	5.541	
500.00	500.00	500.00	500.00	2.57	2.57	89.63	0.16	25.00	25.00	19.86	5.14	4.864	
600.00	600.00	600.00	600.00	2.85	2.85	89.63	0.16	25.00	25.00	19.30	5.70	4.384	
700.00	700.00	700.00	700.00	3.11	3.11	89.63	0.16	25.00	25.00	18.78	6.22	4.020	
800.00	800.00	800.00	800.00	3.35	3.35	89.63	0.16	25.00	25.00	18.30	6.70	3.731	
900.00	900.00	900.00	900.00	3.58	3.58	89.63	0.16	25.00	25.00	17.85	7.15	3.495	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.63	0.16	25.00	25.00	17.42	7.58	3.297	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.63	0.16	25.00	25.00	17.01	7.99	3.128	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.63	0.16	25.00	25.00	16.62	8.38	2.982	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.63	0.16	25.00	25.00	16.24	8.76	2.853	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.63	0.16	25.00	25.00	15.87	9.13	2.739	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.63	0.16	25.00	25.00	15.52	9.48	2.637	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.63	0.16	25.00	25.00	15.17	9.83	2.544	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.63	0.16	25.00	25.00	14.84	10.16	2.461	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.63	0.16	25.00	25.00	14.51	10.49	2.384	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.63	0.16	25.00	25.00	14.19	10.81	2.313	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.63	0.16	25.00	25.00	13.88	11.12	2.248	CC, ES, SF
2,100.00	2,099.99	2,099.56	2,099.55	5.73	5.75	-95.59	1.22	25.74	25.87	14.46	11.41	2.267	
2,200.00	2,199.91	2,198.75	2,198.66	5.88	5.94	-108.86	4.39	27.97	29.60	17.90	11.70	2.529	
2,281.33	2,281.08	2,278.90	2,278.66	5.98	6.11	-121.13	8.50	30.84	36.23	24.27	11.95	3.030	
2,300.00	2,299.70	2,297.22	2,296.92	5.99	6.15	-127.27	9.63	31.63	38.29	26.29	12.00	3.190	
2,400.00	2,399.46	2,394.88	2,394.17	6.18	6.37	-157.29	16.86	36.70	52.40	40.00	12.40	4.225	
2,494.02	2,493.24	2,487.45	2,486.25	6.33	6.57	-179.10	24.06	42.93	68.41	55.66	12.75	5.365	
2,500.00	2,499.21	2,493.34	2,492.11	6.34	6.58	-179.08	24.46	43.38	69.46	56.69	12.77	5.440	
2,600.00	2,598.94	2,591.83	2,590.07	6.65	6.81	-177.94	30.20	51.79	86.94	73.64	13.30	6.537	
2,700.00	2,698.67	2,690.19	2,687.83	6.84	7.03	-175.77	34.08	61.91	104.49	90.78	13.71	7.623	
2,800.00	2,798.39	2,788.29	2,785.19	7.04	7.26	-173.03	36.09	73.71	122.31	108.19	14.12	8.662	
2,900.00	2,898.12	2,886.01	2,881.98	7.26	7.48	-169.96	36.26	87.15	140.63	126.09	14.53	9.675	
3,000.00	2,997.85	2,983.22	2,978.00	7.49	7.70	-166.72	34.60	102.19	159.69	144.73	14.95	10.680	
3,100.00	3,097.58	3,079.88	3,073.17	7.73	7.91	-163.41	31.16	118.76	179.71	164.37	15.34	11.713	
3,200.00	3,197.31	3,177.22	3,168.85	7.98	8.15	-160.45	26.92	136.15	200.51	184.74	15.78	12.709	
3,300.00	3,297.04	3,274.55	3,264.53	8.25	8.42	-158.05	22.68	153.54	221.73	205.49	16.25	13.647	
3,400.00	3,396.77	3,371.89	3,360.20	8.52	8.70	-156.06	18.45	170.92	243.26	226.52	16.74	14.533	
3,500.00	3,496.50	3,469.23	3,455.88	8.80	9.00	-154.40	14.21	188.31	265.03	247.78	17.25	15.365	
3,600.00	3,596.22	3,566.57	3,551.56	9.08	9.31	-152.99	9.98	205.69	286.97	269.19	17.78	16.144	
3,700.00	3,695.95	3,663.90	3,647.24	9.37	9.63	-151.78	5.74	223.08	309.05	290.74	18.32	16.872	
3,800.00	3,795.68	3,761.24	3,742.92	9.67	9.96	-150.74	1.50	240.46	331.25	312.38	18.87	17.551	
3,900.00	3,895.41	3,858.58	3,838.59	9.97	10.30	-149.82	-2.73	257.85	353.55	334.10	19.44	18.184	
4,000.00	3,995.14	3,955.91	3,934.27	10.28	10.65	-149.01	-6.97	275.24	375.91	355.89	20.02	18.775	
4,100.00	4,094.87	4,053.25	4,029.95	10.59	11.01	-148.30	-11.21	292.62	398.35	377.73	20.61	19.327	
4,200.00	4,194.60	4,150.59	4,125.63	10.90	11.37	-147.65	-15.44	310.01	420.83	399.62	21.21	19.841	
4,300.00	4,294.33	4,247.92	4,221.31	11.22	11.74	-147.08	-19.68	327.39	443.36	421.54	21.82	20.322	
4,400.00	4,394.06	4,345.26	4,316.98	11.55	12.11	-146.56	-23.91	344.78	465.93	443.50	22.43	20.771	
4,500.00	4,493.78	4,442.60	4,412.66	11.87	12.49	-146.09	-28.15	362.17	488.53	465.48	23.05	21.191	
4,600.00	4,593.51	4,539.94	4,508.34	12.20	12.88	-145.66	-32.39	379.55	511.16	487.48	23.68	21.584	
4,700.00	4,693.24	4,637.27	4,604.02	12.53	13.26	-145.26	-36.62	396.94	533.81	509.50	24.32	21.953	
4,800.00	4,792.97	4,734.61	4,699.70	12.86	13.66	-144.90	-40.86	414.32	556.49	531.53	24.96	22.299	
4,900.00	4,892.70	4,831.95	4,795.37	13.20	14.05	-144.57	-45.10	431.71	579.19	553.59	25.60	22.624	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 604H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.00	4,992.43	4,929.28	4,891.05	13.53	14.45	-144.26	-49.33	449.10	601.90	575.65	26.25	22.930	
5,100.00	5,092.16	5,026.62	4,986.73	13.87	14.85	-143.97	-53.57	466.48	624.63	597.73	26.90	23.218	
5,200.00	5,191.89	5,123.96	5,082.41	14.21	15.26	-143.71	-57.80	483.87	647.37	619.81	27.56	23.490	
5,300.00	5,291.61	5,221.30	5,178.09	14.55	15.66	-143.46	-62.04	501.25	670.13	641.90	28.22	23.745	
5,400.00	5,391.34	5,318.63	5,273.76	14.90	16.07	-143.23	-66.28	518.64	692.89	664.01	28.89	23.987	
5,500.00	5,491.07	5,415.97	5,369.44	15.24	16.49	-143.01	-70.51	536.03	715.67	686.12	29.55	24.216	
5,600.00	5,590.80	5,513.31	5,465.12	15.59	16.90	-142.81	-74.75	553.41	738.45	708.23	30.22	24.432	
5,700.00	5,690.53	5,610.64	5,560.80	15.94	17.31	-142.61	-78.98	570.80	761.25	730.35	30.90	24.637	
5,728.43	5,718.88	5,638.31	5,588.00	16.02	17.43	-142.56	-80.19	575.74	767.73	736.65	31.08	24.702	
5,800.00	5,790.30	5,708.09	5,656.58	16.26	17.73	-142.55	-83.23	588.20	783.53	751.99	31.54	24.839	
5,900.00	5,890.21	5,805.90	5,752.73	16.58	18.15	-142.43	-87.48	605.67	803.88	771.69	32.19	24.972	
6,009.80	6,000.00	5,913.67	5,858.66	16.78	18.62	82.29	-92.17	624.92	823.92	791.14	32.78	25.136	
6,100.00	6,090.20	6,002.33	5,945.81	16.81	19.00	82.70	-96.03	640.76	839.41	806.25	33.17	25.310	
6,200.00	6,190.20	6,100.62	6,042.43	16.85	19.43	83.14	-100.31	658.32	856.64	823.03	33.61	25.490	
6,300.00	6,290.20	6,198.92	6,139.05	16.89	19.86	83.56	-104.59	675.87	873.91	839.86	34.05	25.665	
6,400.00	6,390.20	6,297.22	6,235.67	16.93	20.29	83.97	-108.86	693.43	891.23	856.73	34.50	25.834	
6,500.00	6,490.20	6,395.51	6,332.29	16.97	20.72	84.36	-113.14	710.99	908.59	873.64	34.95	25.997	
6,600.00	6,590.20	6,493.81	6,428.91	17.01	21.15	84.74	-117.42	728.55	925.99	890.58	35.40	26.154	
6,700.00	6,690.20	6,592.10	6,525.53	17.06	21.58	85.10	-121.70	746.10	943.42	907.56	35.86	26.307	
6,800.00	6,790.20	6,690.40	6,622.15	17.10	22.02	85.45	-125.98	763.66	960.90	924.57	36.32	26.454	
6,900.00	6,890.20	6,788.69	6,718.77	17.14	22.45	85.78	-130.25	781.22	978.40	941.61	36.79	26.597	
7,000.00	6,990.20	6,886.99	6,815.39	17.18	22.89	86.11	-134.53	798.77	995.94	958.69	37.25	26.735	

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 703H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.63	0.32	49.99	49.99				
100.00	100.00	100.00	100.00	0.79	0.79	89.63	0.32	49.99	49.99	48.41	1.58	31.557	
200.00	200.00	200.00	200.00	1.45	1.45	89.63	0.32	49.99	49.99	47.09	2.90	17.243	
300.00	300.00	300.00	300.00	1.89	1.89	89.63	0.32	49.99	49.99	46.20	3.79	13.194	
400.00	400.00	400.00	400.00	2.26	2.26	89.63	0.32	49.99	49.99	45.48	4.51	11.080	
500.00	500.00	500.00	500.00	2.57	2.57	89.63	0.32	49.99	49.99	44.85	5.14	9.727	
600.00	600.00	600.00	600.00	2.85	2.85	89.63	0.32	49.99	49.99	44.29	5.70	8.766	
700.00	700.00	700.00	700.00	3.11	3.11	89.63	0.32	49.99	49.99	43.77	6.22	8.037	
800.00	800.00	800.00	800.00	3.35	3.35	89.63	0.32	49.99	49.99	43.29	6.70	7.460	
900.00	900.00	900.00	900.00	3.58	3.58	89.63	0.32	49.99	49.99	42.84	7.15	6.989	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.63	0.32	49.99	49.99	42.41	7.58	6.593	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.63	0.32	49.99	49.99	42.00	7.99	6.255	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.63	0.32	49.99	49.99	41.61	8.38	5.963	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.63	0.32	49.99	49.99	41.23	8.76	5.705	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.63	0.32	49.99	49.99	40.86	9.13	5.477	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.63	0.32	49.99	49.99	40.51	9.48	5.272	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.63	0.32	49.99	49.99	40.17	9.83	5.088	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.63	0.32	49.99	49.99	39.83	10.16	4.920	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.63	0.32	49.99	49.99	39.50	10.49	4.767	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.63	0.32	49.99	49.99	39.18	10.81	4.626	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.63	0.32	49.99	49.99	38.87	11.12	4.496	
2,004.45	2,004.45	2,004.45	2,004.45	5.57	5.57	-90.37	0.32	49.99	49.99	38.86	11.13	4.491	
2,100.00	2,099.99	2,099.99	2,099.99	5.73	5.71	-91.87	0.32	49.99	50.02	38.61	11.40	4.387	
2,200.00	2,199.91	2,199.91	2,199.91	5.88	5.86	-96.33	0.32	49.99	50.30	38.64	11.66	4.315	
2,281.33	2,281.08	2,281.08	2,281.08	5.98	5.98	-102.02	0.32	49.99	51.12	39.28	11.84	4.317	
2,300.00	2,299.70	2,299.70	2,299.70	5.99	6.01	-107.09	0.32	49.99	51.46	39.59	11.87	4.335	
2,400.00	2,399.46	2,400.75	2,400.73	6.18	6.17	-134.24	-0.62	49.05	53.79	41.61	12.19	4.414	
2,494.02	2,493.24	2,495.96	2,495.87	6.33	6.31	-156.06	-3.23	46.44	55.90	43.45	12.44	4.492	
2,500.00	2,499.21	2,502.02	2,501.93	6.34	6.32	-156.11	-3.46	46.21	56.01	43.56	12.45	4.498	
2,600.00	2,598.94	2,603.40	2,603.08	6.65	6.48	-156.49	-8.20	41.47	56.67	43.78	12.89	4.396	
2,700.00	2,698.67	2,704.54	2,703.82	6.84	6.59	-156.52	-14.10	34.71	55.03	41.88	13.15	4.186	
2,800.00	2,798.39	2,805.46	2,804.19	7.04	6.77	-158.48	-19.12	25.51	51.48	37.97	13.52	3.809	
2,900.00	2,898.12	2,906.11	2,904.08	7.26	6.97	-163.18	-23.12	13.89	46.29	32.32	13.96	3.315	
3,000.00	2,997.85	3,005.87	3,002.94	7.49	7.18	-170.86	-26.48	0.88	40.60	26.11	14.48	2.803	
3,100.00	3,097.58	3,105.54	3,101.69	7.73	7.42	179.20	-29.84	-12.13	35.85	20.82	15.04	2.384	
3,200.00	3,197.31	3,205.21	3,200.45	7.98	7.67	166.75	-33.19	-25.15	32.49	16.98	15.51	2.095	
3,300.00	3,297.04	3,304.87	3,299.21	8.25	7.94	152.30	-36.54	-38.16	30.95	15.18	15.76	1.963	Collision Risk Procedures Req.
3,323.40	3,320.37	3,328.20	3,322.32	8.31	8.01	148.78	-37.32	-41.21	30.89	15.10	15.79	1.957	Collision Risk Procedures Req., CC
3,400.00	3,396.77	3,404.54	3,397.97	8.52	8.23	137.40	-39.89	-51.18	31.51	15.73	15.78	1.997	Collision Risk Procedures Req.
3,500.00	3,496.50	3,504.21	3,496.72	8.80	8.52	123.89	-43.24	-64.19	34.08	18.38	15.70	2.171	
3,600.00	3,596.22	3,603.88	3,595.48	9.08	8.83	112.77	-46.60	-77.20	38.23	22.56	15.67	2.440	
3,700.00	3,695.95	3,703.55	3,694.24	9.37	9.15	104.08	-49.95	-90.22	43.53	27.76	15.78	2.759	
3,800.00	3,795.68	3,803.21	3,793.00	9.67	9.47	97.39	-53.30	-103.23	49.61	33.61	16.00	3.100	
3,900.00	3,895.41	3,902.88	3,891.75	9.97	9.80	92.21	-56.65	-116.25	56.21	39.89	16.32	3.444	
4,000.00	3,995.14	4,002.55	3,990.51	10.28	10.15	88.14	-60.01	-129.26	63.18	46.48	16.70	3.783	
4,100.00	4,094.87	4,102.22	4,089.27	10.59	10.49	84.89	-63.36	-142.28	70.39	53.27	17.12	4.112	
4,200.00	4,194.60	4,201.88	4,188.03	10.90	10.85	82.25	-66.71	-155.29	77.80	60.23	17.57	4.428	
4,300.00	4,294.33	4,301.55	4,286.79	11.22	11.20	80.07	-70.06	-168.30	85.33	67.29	18.04	4.730	
4,400.00	4,394.06	4,401.22	4,385.54	11.55	11.57	78.25	-73.41	-181.32	92.97	74.44	18.53	5.017	
4,500.00	4,493.78	4,500.89	4,484.30	11.87	11.94	76.70	-76.77	-194.33	100.69	81.66	19.03	5.291	
4,600.00	4,593.51	4,600.56	4,583.06	12.20	12.31	75.38	-80.12	-207.35	108.47	88.93	19.54	5.551	
4,700.00	4,693.24	4,700.22	4,681.82	12.53	12.68	74.23	-83.47	-220.36	116.30	96.24	20.06	5.797	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 703H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,800.00	4,792.97	4,799.89	4,780.57	12.86	13.06	73.23	-86.82	-233.38	124.17	103.59	20.59	6.032	
4,900.00	4,892.70	4,899.56	4,879.33	13.20	13.44	72.35	-90.17	-246.39	132.08	110.96	21.12	6.254	
5,000.00	4,992.43	4,999.23	4,978.09	13.53	13.83	71.57	-93.53	-259.40	140.01	118.35	21.66	6.464	
5,100.00	5,092.16	5,098.89	5,076.85	13.87	14.21	70.87	-96.88	-272.42	147.97	125.76	22.20	6.665	
5,200.00	5,191.89	5,198.56	5,175.60	14.21	14.60	70.25	-100.23	-285.43	155.94	133.19	22.75	6.855	
5,300.00	5,291.61	5,298.23	5,274.36	14.55	15.00	69.68	-103.58	-298.45	163.93	140.63	23.30	7.035	
5,400.00	5,391.34	5,397.90	5,373.12	14.90	15.39	69.17	-106.94	-311.46	171.94	148.08	23.86	7.207	
5,500.00	5,491.07	5,497.57	5,471.88	15.24	15.79	68.70	-110.29	-324.48	179.96	155.54	24.41	7.371	
5,600.00	5,590.80	5,597.23	5,570.63	15.59	16.18	68.27	-113.64	-337.49	187.99	163.01	24.98	7.527	
5,700.00	5,690.53	5,696.90	5,669.39	15.94	16.58	67.88	-116.99	-350.50	196.02	170.48	25.54	7.675	
5,728.43	5,718.88	5,725.23	5,697.47	16.02	16.70	67.77	-117.94	-354.20	198.31	172.62	25.69	7.720	
5,800.00	5,790.30	5,796.54	5,768.12	16.26	16.98	67.43	-120.34	-363.51	204.33	178.23	26.10	7.828	
5,900.00	5,890.21	5,896.02	5,866.69	16.58	17.38	66.44	-123.69	-376.50	213.64	186.85	26.79	7.974	
6,009.80	6,000.00	6,004.98	5,974.66	16.78	17.82	-70.76	-127.35	-390.73	225.22	197.59	27.63	8.153	
6,100.00	6,090.20	6,094.36	6,063.22	16.81	18.19	-72.40	-130.36	-402.40	235.46	207.17	28.29	8.322	
6,200.00	6,190.20	6,193.44	6,161.40	16.85	18.59	-74.06	-133.69	-415.34	247.02	218.00	29.02	8.512	
6,300.00	6,290.20	6,292.53	6,259.58	16.89	18.99	-75.56	-137.02	-428.28	258.77	229.04	29.73	8.703	
6,400.00	6,390.20	6,391.62	6,357.76	16.93	19.40	-76.94	-140.36	-441.22	270.68	240.26	30.42	8.897	
6,500.00	6,490.20	6,490.70	6,455.94	16.97	19.80	-78.20	-143.69	-454.16	282.73	251.63	31.10	9.091	
6,600.00	6,590.20	6,589.79	6,554.13	17.01	20.21	-79.35	-147.02	-467.09	294.91	263.15	31.76	9.286	
6,700.00	6,690.20	6,688.88	6,652.31	17.06	20.62	-80.42	-150.35	-480.03	307.19	274.79	32.40	9.480	
6,800.00	6,790.20	6,787.96	6,750.49	17.10	21.03	-81.40	-153.69	-492.97	319.57	286.54	33.03	9.674	
6,900.00	6,890.20	6,887.05	6,848.67	17.14	21.44	-82.31	-157.02	-505.91	332.04	298.38	33.65	9.866	
7,000.00	6,990.20	6,986.14	6,946.85	17.18	21.85	-83.16	-160.35	-518.85	344.58	310.32	34.26	10.057	
7,100.00	7,090.20	7,085.22	7,045.04	17.23	22.26	-83.94	-163.69	-531.79	357.19	322.33	34.86	10.245	
7,200.00	7,190.20	7,184.31	7,143.22	17.27	22.67	-84.67	-167.02	-544.73	369.87	334.41	35.45	10.432	
7,300.00	7,290.20	7,283.40	7,241.40	17.32	23.08	-85.35	-170.35	-557.66	382.60	346.56	36.04	10.617	
7,400.00	7,390.20	7,382.48	7,339.58	17.36	23.49	-85.99	-173.68	-570.60	395.37	358.76	36.61	10.798	
7,500.00	7,490.20	7,481.57	7,437.76	17.40	23.91	-86.59	-177.02	-583.54	408.20	371.02	37.18	10.978	
7,600.00	7,590.20	7,580.66	7,535.94	17.45	24.32	-87.15	-180.35	-596.48	421.06	383.32	37.75	11.155	
7,700.00	7,690.20	7,679.74	7,634.13	17.49	24.73	-87.68	-183.68	-609.42	433.97	395.66	38.31	11.329	
7,800.00	7,790.20	7,778.83	7,732.31	17.54	25.15	-88.18	-187.01	-622.36	446.90	408.04	38.86	11.500	
7,900.00	7,890.20	7,877.92	7,830.49	17.58	25.56	-88.65	-190.35	-635.29	459.87	420.46	39.41	11.669	
8,000.00	7,990.20	7,977.00	7,928.67	17.63	25.98	-89.09	-193.68	-648.23	472.87	432.92	39.96	11.835	
8,100.00	8,090.20	8,082.02	8,032.77	17.68	26.40	-89.53	-197.14	-661.65	485.64	445.13	40.50	11.990	
8,200.00	8,190.20	8,195.56	8,145.64	17.72	26.86	-89.89	-200.18	-673.48	496.04	455.00	41.05	12.085	
8,300.00	8,290.20	8,309.73	8,259.46	17.77	27.29	-90.15	-202.40	-682.09	503.59	462.07	41.52	12.128	
8,400.00	8,390.20	8,424.33	8,373.93	17.82	27.68	-90.30	-203.77	-687.41	508.24	466.33	41.91	12.126	
8,500.00	8,490.20	8,539.17	8,488.74	17.86	27.95	-90.36	-204.29	-689.41	509.99	467.82	42.16	12.096	
8,600.00	8,590.20	8,640.62	8,590.20	17.91	27.98	-90.36	-204.29	-689.43	510.00	467.76	42.24	12.074	
8,700.00	8,690.20	8,740.62	8,690.20	17.96	28.01	-90.36	-204.29	-689.43	510.00	467.68	42.32	12.050	
8,800.00	8,790.20	8,840.62	8,790.20	18.01	28.03	-90.36	-204.29	-689.43	510.00	467.59	42.41	12.026	
8,900.00	8,890.20	8,940.62	8,890.20	18.05	28.06	-90.36	-204.29	-689.43	510.00	467.51	42.49	12.002	
9,000.00	8,990.20	9,040.62	8,990.20	18.10	28.09	-90.36	-204.29	-689.43	510.00	467.42	42.58	11.978	
9,100.00	9,090.20	9,140.62	9,090.20	18.15	28.12	-90.36	-204.29	-689.43	510.00	467.34	42.66	11.954	
9,200.00	9,190.20	9,240.62	9,190.20	18.20	28.15	-90.36	-204.29	-689.43	510.00	467.25	42.75	11.930	
9,300.00	9,290.20	9,340.62	9,290.20	18.25	28.18	-90.36	-204.29	-689.43	510.00	467.16	42.84	11.906	
9,400.00	9,390.20	9,440.62	9,390.20	18.30	28.21	-90.36	-204.29	-689.43	510.00	467.08	42.92	11.882	
9,500.00	9,490.20	9,540.62	9,490.20	18.35	28.24	-90.36	-204.29	-689.43	510.00	466.99	43.01	11.858	
9,600.00	9,590.20	9,640.62	9,590.20	18.40	28.27	-90.36	-204.29	-689.43	510.00	466.90	43.10	11.834	
9,700.00	9,690.20	9,740.62	9,690.20	18.45	28.30	-90.36	-204.29	-689.43	510.00	466.81	43.19	11.809	
9,800.00	9,790.20	9,840.62	9,790.20	18.50	28.33	-90.36	-204.29	-689.43	510.00	466.73	43.27	11.785	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 703H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,900.00	9,890.20	9,940.62	9,890.20	18.55	28.36	-90.36	-204.29	-689.43	510.00	466.64	43.36	11.761	
10,000.00	9,990.20	10,040.62	9,990.20	18.60	28.39	-90.36	-204.29	-689.43	510.00	466.55	43.45	11.737	
10,098.84	10,089.04	10,139.47	10,089.04	18.65	28.42	-90.36	-204.29	-689.43	510.00	466.46	43.54	11.713	
10,100.00	10,090.20	10,140.62	10,090.20	18.65	28.42	-97.46	-204.29	-689.43	510.00	466.46	43.54	11.713	
10,150.00	10,140.13	10,190.56	10,140.13	18.68	28.43	-97.68	-204.29	-689.43	510.30	466.63	43.68	11.684	
10,200.00	10,189.67	10,240.10	10,189.67	18.61	28.45	-98.32	-204.29	-689.43	511.23	467.43	43.80	11.671	
10,250.00	10,238.45	10,288.88	10,238.45	18.52	28.46	-99.33	-204.29	-689.43	512.95	468.96	43.99	11.659	
10,300.00	10,286.09	10,336.52	10,286.09	18.42	28.48	-100.64	-204.29	-689.43	515.70	471.47	44.23	11.659	
10,350.00	10,332.23	10,382.66	10,332.23	18.32	28.49	-102.16	-204.29	-689.43	519.82	475.31	44.50	11.680	
10,400.00	10,376.52	10,426.95	10,376.52	18.22	28.51	-103.80	-204.29	-689.43	525.66	480.88	44.78	11.738	
10,450.00	10,418.62	10,469.05	10,418.62	18.12	28.52	-105.42	-204.29	-689.43	533.65	488.60	45.05	11.845	
10,500.00	10,458.22	10,508.64	10,458.22	18.03	28.53	-106.91	-204.29	-689.43	544.17	498.88	45.29	12.015	
10,550.00	10,495.00	10,555.63	10,505.19	17.95	28.52	-108.80	-203.21	-689.44	557.33	511.94	45.38	12.280	
10,600.00	10,528.69	10,610.65	10,559.86	17.88	28.48	-110.92	-197.21	-689.48	572.46	527.18	45.28	12.642	
10,650.00	10,559.04	10,671.33	10,619.17	17.82	28.43	-113.05	-184.54	-689.57	589.20	544.16	45.04	13.083	
10,700.00	10,585.81	10,739.24	10,683.54	17.79	28.37	-115.21	-163.03	-689.72	607.11	562.44	44.66	13.593	
10,750.00	10,608.80	10,816.42	10,753.01	17.77	28.30	-117.40	-129.54	-689.95	625.64	581.45	44.20	14.156	
10,800.00	10,627.84	10,905.31	10,826.59	17.78	28.24	-119.56	-79.83	-690.30	644.12	600.44	43.69	14.744	
10,850.00	10,642.77	11,008.50	10,901.17	17.81	28.21	-121.56	-8.71	-690.80	661.68	618.50	43.18	15.323	
10,900.00	10,653.49	11,127.83	10,969.88	17.88	28.26	-123.11	88.58	-691.49	677.25	634.53	42.72	15.852	
10,950.00	10,659.92	11,237.98	11,013.81	17.97	28.41	-123.57	189.37	-692.19	689.65	647.23	42.42	16.257	
10,998.84	10,662.00	11,404.70	11,042.78	18.09	28.84	-123.36	352.89	-693.34	697.93	656.07	41.86	16.672	
11,000.00	10,662.00	11,408.13	11,042.87	18.10	28.85	-123.34	356.31	-693.36	698.07	656.22	41.85	16.680	
11,100.00	10,662.00	11,515.69	11,043.00	18.45	29.27	-122.70	463.87	-694.12	707.58	665.42	42.15	16.785	
11,200.00	10,662.00	11,615.38	11,043.00	18.91	29.72	-122.29	563.56	-694.82	714.17	671.50	42.67	16.736	
11,300.00	10,662.00	11,715.28	11,043.00	19.50	30.23	-122.07	663.46	-695.52	717.83	674.49	43.34	16.563	
11,373.77	10,662.00	11,789.04	11,043.00	20.00	30.65	-122.02	737.22	-696.04	718.64	674.74	43.90	16.369	
11,400.00	10,662.00	11,815.27	11,043.00	20.18	30.80	-122.02	763.45	-696.22	718.64	674.52	44.12	16.289	
11,500.00	10,662.00	11,915.27	11,043.00	20.97	31.42	-122.02	863.45	-696.92	718.65	673.62	45.03	15.959	
11,600.00	10,662.00	12,015.27	11,043.00	21.84	32.10	-122.02	963.44	-697.62	718.65	672.58	46.07	15.600	
11,700.00	10,662.00	12,115.27	11,043.00	22.78	32.81	-122.02	1,063.44	-698.33	718.66	671.43	47.22	15.218	
11,800.00	10,662.00	12,215.27	11,043.00	23.79	33.58	-122.02	1,163.44	-699.03	718.66	670.17	48.49	14.822	
11,900.00	10,662.00	12,315.27	11,043.00	24.84	34.38	-122.02	1,263.44	-699.73	718.67	668.82	49.85	14.416	
12,000.00	10,662.00	12,415.27	11,043.00	25.94	35.22	-122.02	1,363.43	-700.43	718.67	667.37	51.31	14.007	
12,100.00	10,662.00	12,515.27	11,043.00	27.07	36.09	-122.02	1,463.43	-701.13	718.68	665.83	52.85	13.599	
12,200.00	10,662.00	12,615.27	11,043.00	28.24	37.00	-122.01	1,563.43	-701.83	718.68	664.22	54.47	13.195	
12,300.00	10,662.00	12,715.27	11,043.00	29.43	37.95	-122.01	1,663.43	-702.54	718.69	662.53	56.15	12.798	
12,400.00	10,662.00	12,815.27	11,043.00	30.65	38.92	-122.01	1,763.42	-703.24	718.69	660.78	57.91	12.411	
12,500.00	10,662.00	12,915.27	11,043.00	31.89	39.91	-122.01	1,863.42	-703.94	718.70	658.98	59.72	12.034	
12,600.00	10,662.00	13,015.27	11,043.00	33.14	40.94	-122.01	1,963.42	-704.64	718.70	657.11	61.59	11.669	
12,700.00	10,662.00	13,115.27	11,043.00	34.41	41.98	-122.01	2,063.42	-705.34	718.71	655.20	63.51	11.317	
12,800.00	10,662.00	13,215.27	11,043.00	35.70	43.05	-122.01	2,163.41	-706.05	718.71	653.24	65.47	10.978	
12,900.00	10,662.00	13,315.27	11,043.00	37.00	44.14	-122.01	2,263.41	-706.75	718.72	651.25	67.47	10.652	
13,000.00	10,662.00	13,415.27	11,043.00	38.31	45.25	-122.01	2,363.41	-707.45	718.72	649.21	69.52	10.339	
13,100.00	10,662.00	13,515.27	11,043.00	39.63	46.38	-122.01	2,463.41	-708.15	718.73	647.14	71.59	10.039	
13,200.00	10,662.00	13,615.27	11,043.00	40.95	47.52	-122.01	2,563.40	-708.85	718.73	645.03	73.70	9.752	
13,300.00	10,662.00	13,715.27	11,043.00	42.29	48.68	-122.01	2,663.40	-709.55	718.74	642.90	75.84	9.477	
13,400.00	10,662.00	13,815.27	11,043.00	43.63	49.86	-122.01	2,763.40	-710.26	718.74	640.74	78.01	9.214	
13,500.00	10,662.00	13,915.27	11,043.00	44.98	51.04	-122.01	2,863.40	-710.96	718.75	638.55	80.20	8.962	
13,600.00	10,662.00	14,015.27	11,043.00	46.34	52.24	-122.01	2,963.39	-711.66	718.76	636.34	82.41	8.721	
13,700.00	10,662.00	14,115.27	11,043.00	47.70	53.46	-122.01	3,063.39	-712.36	718.76	634.11	84.65	8.491	
13,800.00	10,662.00	14,215.27	11,043.00	49.07	54.68	-122.01	3,163.39	-713.06	718.77	631.86	86.90	8.271	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 703H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,900.00	10,662.00	14,315.27	11,043.00	50.44	55.92	-122.01	3,263.39	-713.76	718.77	629.59	89.18	8.060	
14,000.00	10,662.00	14,415.27	11,043.00	51.82	57.16	-122.01	3,363.38	-714.47	718.78	627.31	91.47	7.858	
14,100.00	10,662.00	14,515.27	11,043.00	53.19	58.41	-122.01	3,463.38	-715.17	718.78	625.01	93.77	7.665	
14,200.00	10,662.00	14,615.27	11,043.00	54.58	59.67	-122.01	3,563.38	-715.87	718.79	622.69	96.09	7.480	
14,300.00	10,662.00	14,715.27	11,043.00	55.96	60.95	-122.01	3,663.38	-716.57	718.79	620.36	98.43	7.303	
14,400.00	10,662.00	14,815.27	11,043.00	57.35	62.22	-122.01	3,763.37	-717.27	718.80	618.02	100.77	7.133	
14,500.00	10,662.00	14,915.27	11,043.00	58.75	63.51	-122.01	3,863.37	-717.97	718.80	615.67	103.13	6.970	
14,600.00	10,662.00	15,015.27	11,043.00	60.14	64.80	-122.01	3,963.37	-718.68	718.81	613.31	105.50	6.813	
14,700.00	10,662.00	15,115.27	11,043.00	61.54	66.10	-122.01	4,063.37	-719.38	718.81	610.93	107.88	6.663	
14,800.00	10,662.00	15,215.27	11,043.00	62.94	67.40	-122.01	4,163.36	-720.08	718.82	608.55	110.27	6.519	
14,900.00	10,662.00	15,315.27	11,043.00	64.34	68.71	-122.01	4,263.36	-720.78	718.82	606.16	112.67	6.380	
15,000.00	10,662.00	15,415.27	11,043.00	65.74	70.03	-122.01	4,363.36	-721.48	718.83	603.75	115.07	6.247	
15,100.00	10,662.00	15,515.27	11,043.00	67.15	71.35	-122.01	4,463.36	-722.19	718.83	601.34	117.49	6.118	
15,200.00	10,662.00	15,615.27	11,043.00	68.56	72.67	-122.01	4,563.35	-722.89	718.84	598.93	119.91	5.995	
15,300.00	10,662.00	15,715.27	11,043.00	69.97	74.00	-122.01	4,663.35	-723.59	718.84	596.50	122.34	5.876	
15,400.00	10,662.00	15,815.27	11,043.00	71.38	75.34	-122.01	4,763.35	-724.29	718.85	594.07	124.77	5.761	
15,500.00	10,662.00	15,915.27	11,043.00	72.79	76.67	-122.01	4,863.35	-724.99	718.85	591.64	127.22	5.651	
15,600.00	10,662.00	16,015.27	11,043.00	74.20	78.02	-122.01	4,963.34	-725.69	718.86	589.20	129.66	5.544	
15,700.00	10,662.00	16,115.27	11,043.00	75.62	79.36	-122.01	5,063.34	-726.40	718.86	586.75	132.12	5.441	
15,800.00	10,662.00	16,215.27	11,043.00	77.03	80.71	-122.01	5,163.34	-727.10	718.87	584.29	134.57	5.342	
15,900.00	10,662.00	16,315.27	11,043.00	78.45	82.06	-122.01	5,263.34	-727.80	718.87	581.84	137.04	5.246	
16,000.00	10,662.00	16,415.27	11,043.00	79.87	83.42	-122.01	5,363.33	-728.50	718.88	579.37	139.51	5.153	
16,100.00	10,662.00	16,515.27	11,043.00	81.29	84.78	-122.00	5,463.33	-729.20	718.88	576.91	141.98	5.063	
16,200.00	10,662.00	16,615.27	11,043.00	82.71	86.14	-122.00	5,563.33	-729.90	718.89	574.43	144.45	4.977	
16,300.00	10,662.00	16,715.27	11,043.00	84.13	87.50	-122.00	5,663.33	-730.61	718.89	571.96	146.94	4.893	
16,400.00	10,662.00	16,815.27	11,043.00	85.55	88.87	-122.00	5,763.32	-731.31	718.90	569.48	149.42	4.811	
16,500.00	10,662.00	16,915.27	11,043.00	86.97	90.24	-122.00	5,863.32	-732.01	718.90	567.00	151.91	4.732	
16,600.00	10,662.00	17,015.27	11,043.00	88.40	91.61	-122.00	5,963.32	-732.71	718.91	564.51	154.40	4.656	
16,700.00	10,662.00	17,115.27	11,043.00	89.82	92.99	-122.00	6,063.32	-733.41	718.92	562.02	156.89	4.582	
16,800.00	10,662.00	17,215.27	11,043.00	91.25	94.36	-122.00	6,163.31	-734.11	718.92	559.53	159.39	4.510	
16,900.00	10,662.00	17,315.27	11,043.00	92.67	95.74	-122.00	6,263.31	-734.82	718.93	557.03	161.89	4.441	
17,000.00	10,662.00	17,415.27	11,043.00	94.10	97.12	-122.00	6,363.31	-735.52	718.93	554.53	164.40	4.373	
17,100.00	10,662.00	17,515.27	11,043.00	95.53	98.51	-122.00	6,463.31	-736.22	718.94	552.03	166.90	4.307	
17,200.00	10,662.00	17,615.27	11,043.00	96.95	99.89	-122.00	6,563.31	-736.92	718.94	549.53	169.41	4.244	
17,300.00	10,662.00	17,715.27	11,043.00	98.38	101.28	-122.00	6,663.30	-737.62	718.95	547.02	171.93	4.182	
17,400.00	10,662.00	17,815.27	11,043.00	99.81	102.66	-122.00	6,763.30	-738.32	718.95	544.51	174.44	4.121	
17,500.00	10,662.00	17,915.27	11,043.00	101.24	104.05	-122.00	6,863.30	-739.03	718.96	542.00	176.96	4.063	
17,600.00	10,662.00	18,015.27	11,043.00	102.67	105.44	-122.00	6,963.30	-739.73	718.96	539.49	179.48	4.006	
17,700.00	10,662.00	18,115.27	11,043.00	104.10	106.84	-122.00	7,063.29	-740.43	718.97	536.97	182.00	3.950	
17,800.00	10,662.00	18,215.27	11,043.00	105.53	108.23	-122.00	7,163.29	-741.13	718.97	534.45	184.52	3.896	
17,900.00	10,662.00	18,315.27	11,043.00	106.96	109.63	-122.00	7,263.29	-741.83	718.98	531.93	187.04	3.844	
18,000.00	10,662.00	18,415.27	11,043.00	108.39	111.02	-122.00	7,363.29	-742.54	718.98	529.41	189.57	3.793	
18,100.00	10,662.00	18,515.27	11,043.00	109.83	112.42	-122.00	7,463.28	-743.24	718.99	526.89	192.10	3.743	
18,200.00	10,662.00	18,615.27	11,043.00	111.26	113.82	-122.00	7,563.28	-743.94	718.99	524.36	194.63	3.694	
18,300.00	10,662.00	18,715.27	11,043.00	112.69	115.22	-122.00	7,663.28	-744.64	719.00	521.84	197.16	3.647	
18,400.00	10,662.00	18,815.27	11,043.00	114.12	116.62	-122.00	7,763.28	-745.34	719.00	519.31	199.69	3.601	
18,500.00	10,662.00	18,915.27	11,043.00	115.56	118.02	-122.00	7,863.27	-746.04	719.01	516.78	202.23	3.555	
18,600.00	10,662.00	19,015.27	11,043.00	116.99	119.43	-122.00	7,963.27	-746.75	719.01	514.25	204.77	3.511	
18,700.00	10,662.00	19,115.27	11,043.00	118.43	120.83	-122.00	8,063.27	-747.45	719.02	511.72	207.30	3.468	
18,800.00	10,662.00	19,215.27	11,043.00	119.86	122.24	-122.00	8,163.27	-748.15	719.02	509.18	209.84	3.426	
18,900.00	10,662.00	19,315.27	11,043.00	121.30	123.65	-122.00	8,263.26	-748.85	719.03	506.65	212.38	3.386	
19,000.00	10,662.00	19,415.27	11,043.00	122.73	125.05	-122.00	8,363.26	-749.55	719.03	504.11	214.92	3.346	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 703H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,100.00	10,662.00	19,515.27	11,043.00	124.17	126.46	-122.00	8,463.26	-750.25	719.04	501.57	217.47	3.306	
19,200.00	10,662.00	19,615.27	11,043.00	125.60	127.87	-122.00	8,563.26	-750.96	719.04	499.03	220.01	3.268	
19,300.00	10,662.00	19,715.27	11,043.00	127.04	129.28	-122.00	8,663.25	-751.66	719.05	496.49	222.56	3.231	
19,400.00	10,662.00	19,815.27	11,043.00	128.48	130.69	-122.00	8,763.25	-752.36	719.05	493.95	225.10	3.194	
19,500.00	10,662.00	19,915.27	11,043.00	129.91	132.10	-122.00	8,863.25	-753.06	719.06	491.41	227.65	3.159	
19,600.00	10,662.00	20,015.27	11,043.00	131.35	133.52	-122.00	8,963.25	-753.76	719.06	488.87	230.20	3.124	
19,700.00	10,662.00	20,115.27	11,043.00	132.79	134.93	-122.00	9,063.24	-754.46	719.07	486.32	232.75	3.089	
19,800.00	10,662.00	20,215.27	11,043.00	134.22	136.34	-122.00	9,163.24	-755.17	719.07	483.78	235.30	3.056	
19,900.00	10,662.00	20,315.27	11,043.00	135.66	137.76	-121.99	9,263.24	-755.87	719.08	481.23	237.85	3.023	
20,000.00	10,662.00	20,415.27	11,043.00	137.10	139.17	-121.99	9,363.24	-756.57	719.09	478.68	240.40	2.991	
20,100.00	10,662.00	20,515.27	11,043.00	138.54	140.59	-121.99	9,463.23	-757.27	719.09	476.13	242.96	2.960	
20,200.00	10,662.00	20,615.27	11,043.00	139.97	142.01	-121.99	9,563.23	-757.97	719.10	473.58	245.51	2.929	
20,300.00	10,662.00	20,715.27	11,043.00	141.41	143.42	-121.99	9,663.23	-758.68	719.10	471.04	248.07	2.899	
20,400.00	10,662.00	20,815.27	11,043.00	142.85	144.84	-121.99	9,763.23	-759.38	719.11	468.48	250.62	2.869	
20,500.00	10,662.00	20,915.27	11,043.00	144.29	146.26	-121.99	9,863.22	-760.08	719.11	465.93	253.18	2.840	
20,600.00	10,662.00	21,015.27	11,043.00	145.73	147.68	-121.99	9,963.22	-760.78	719.12	463.38	255.74	2.812	
20,700.00	10,662.00	21,115.27	11,043.00	147.17	149.10	-121.99	10,063.22	-761.48	719.12	460.83	258.29	2.784	
20,800.00	10,662.00	21,215.27	11,043.00	148.61	150.52	-121.99	10,163.22	-762.18	719.13	458.27	260.85	2.757	
20,801.89	10,662.00	21,217.16	11,043.00	148.63	150.55	-121.99	10,165.11	-762.20	719.13	458.23	260.90	2.756	
20,859.60	10,662.00	21,274.60	11,043.00	149.33	151.36	-121.99	10,222.54	-762.60	719.13	456.90	262.23	2.742	
20,860.15	10,662.00	21,274.60	11,043.00	149.34	151.36	-121.99	10,222.54	-762.60	719.13	456.89	262.24	2.742	

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 704H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.64	0.47	74.99	74.99				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	0.47	74.99	74.99	73.41	1.58	47.338	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	0.47	74.99	74.99	72.09	2.90	25.866	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	0.47	74.99	74.99	71.20	3.79	19.793	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	0.47	74.99	74.99	70.48	4.51	16.621	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	0.47	74.99	74.99	69.85	5.14	14.591	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	0.47	74.99	74.99	69.29	5.70	13.150	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	0.47	74.99	74.99	68.77	6.22	12.057	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	0.47	74.99	74.99	68.29	6.70	11.191	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	0.47	74.99	74.99	67.84	7.15	10.484	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.64	0.47	74.99	74.99	67.41	7.58	9.890	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.64	0.47	74.99	74.99	67.00	7.99	9.384	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.64	0.47	74.99	74.99	66.61	8.38	8.944	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.64	0.47	74.99	74.99	66.23	8.76	8.558	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.64	0.47	74.99	74.99	65.86	9.13	8.216	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.64	0.47	74.99	74.99	65.51	9.48	7.909	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.64	0.47	74.99	74.99	65.17	9.83	7.632	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.64	0.47	74.99	74.99	64.83	10.16	7.381	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.64	0.47	74.99	74.99	64.50	10.49	7.151	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.64	0.47	74.99	74.99	64.18	10.81	6.939	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	0.47	74.99	74.99	63.87	11.12	6.744	CC
2,004.45	2,004.45	2,004.45	2,004.45	5.57	5.57	-90.36	0.47	74.99	74.99	63.86	11.13	6.737	
2,100.00	2,099.99	2,099.99	2,099.99	5.73	5.71	-91.36	0.47	74.99	75.01	63.61	11.40	6.579	
2,200.00	2,199.91	2,199.91	2,199.91	5.88	5.86	-94.34	0.47	74.99	75.21	63.55	11.66	6.452	ES
2,281.33	2,281.08	2,281.08	2,281.08	5.98	5.98	-98.19	0.47	74.99	75.77	63.93	11.84	6.401	
2,300.00	2,299.70	2,299.70	2,299.70	5.99	6.01	-102.80	0.47	74.99	76.01	64.15	11.87	6.406	
2,400.00	2,399.46	2,397.42	2,397.41	6.18	6.18	-128.55	0.69	76.21	80.25	68.06	12.19	6.583	
2,494.02	2,493.24	2,488.96	2,488.88	6.33	6.33	-150.69	1.28	79.59	88.79	76.33	12.46	7.125	
2,500.00	2,499.21	2,494.76	2,494.68	6.34	6.34	-150.81	1.33	79.88	89.48	77.00	12.47	7.173	
2,600.00	2,598.94	2,591.50	2,591.22	6.65	6.52	-152.38	2.40	85.94	102.24	89.31	12.93	7.908	
2,700.00	2,698.67	2,687.58	2,686.91	6.84	6.71	-153.41	3.88	94.34	117.54	104.27	13.27	8.857	
2,800.00	2,798.39	2,784.49	2,783.24	7.04	6.90	-153.73	4.97	104.95	134.78	121.15	13.62	9.893	
2,900.00	2,898.12	2,881.22	2,879.17	7.26	7.11	-153.14	4.33	117.25	153.10	139.11	13.99	10.940	
3,000.00	2,997.85	2,977.43	2,974.34	7.49	7.33	-151.94	1.97	131.18	172.56	158.17	14.38	11.999	
3,100.00	3,097.58	3,073.00	3,068.56	7.73	7.57	-150.34	-2.09	146.67	193.23	178.45	14.78	13.073	
3,200.00	3,197.31	3,167.83	3,161.67	7.98	7.82	-148.49	-7.79	163.67	215.25	200.06	15.19	14.170	
3,300.00	3,297.04	3,262.38	3,254.10	8.25	8.05	-146.50	-15.10	182.18	238.71	223.13	15.57	15.326	
3,400.00	3,396.77	3,359.11	3,348.51	8.52	8.32	-144.68	-23.14	201.66	262.84	246.83	16.02	16.411	
3,500.00	3,496.50	3,455.84	3,442.92	8.80	8.62	-143.16	-31.18	221.14	287.19	270.70	16.49	17.411	
3,600.00	3,596.22	3,552.57	3,537.33	9.08	8.93	-141.88	-39.22	240.61	311.70	294.71	16.99	18.343	
3,700.00	3,695.95	3,649.31	3,631.74	9.37	9.25	-140.79	-47.27	260.09	336.33	318.83	17.51	19.212	
3,800.00	3,795.68	3,746.04	3,726.15	9.67	9.59	-139.85	-55.31	279.57	361.06	343.03	18.04	20.019	
3,900.00	3,895.41	3,842.77	3,820.56	9.97	9.93	-139.02	-63.35	299.04	385.88	367.30	18.58	20.769	
4,000.00	3,995.14	3,939.51	3,914.97	10.28	10.29	-138.30	-71.39	318.52	410.76	391.62	19.13	21.467	
4,100.00	4,094.87	4,036.24	4,009.38	10.59	10.65	-137.66	-79.43	338.00	435.69	415.99	19.70	22.115	
4,200.00	4,194.60	4,132.97	4,103.79	10.90	11.02	-137.09	-87.47	357.48	460.67	440.39	20.28	22.718	
4,300.00	4,294.33	4,229.70	4,198.20	11.22	11.40	-136.57	-95.51	376.95	485.69	464.82	20.86	23.280	
4,400.00	4,394.06	4,326.44	4,292.61	11.55	11.79	-136.11	-103.55	396.43	510.74	489.28	21.46	23.803	
4,500.00	4,493.78	4,423.17	4,387.02	11.87	12.18	-135.69	-111.59	415.91	535.82	513.76	22.06	24.291	
4,600.00	4,593.51	4,519.90	4,481.43	12.20	12.57	-135.31	-119.63	435.38	560.92	538.25	22.67	24.746	
4,700.00	4,693.24	4,616.64	4,575.84	12.53	12.97	-134.96	-127.67	454.86	586.05	562.77	23.28	25.172	
4,800.00	4,792.97	4,713.37	4,670.25	12.86	13.37	-134.64	-135.71	474.34	611.19	587.29	23.90	25.570	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 704H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,900.00	4,892.70	4,810.10	4,764.66	13.20	13.78	-134.34	-143.75	493.82	636.35	611.82	24.53	25.943	
5,000.00	4,992.43	4,906.83	4,859.07	13.53	14.19	-134.07	-151.80	513.29	661.53	636.37	25.16	26.293	
5,100.00	5,092.16	5,003.57	4,953.48	13.87	14.61	-133.82	-159.84	532.77	686.72	660.92	25.79	26.623	
5,200.00	5,191.89	5,117.42	5,064.86	14.21	15.09	-133.58	-168.82	554.53	710.93	684.39	26.54	26.785	
5,300.00	5,291.61	5,235.87	5,181.43	14.55	15.60	-133.46	-176.83	573.94	732.40	705.09	27.31	26.817	
5,400.00	5,391.34	5,355.75	5,300.01	14.90	16.10	-133.45	-183.53	590.16	751.03	722.97	28.06	26.767	
5,500.00	5,491.07	5,476.85	5,420.30	15.24	16.58	-133.55	-188.85	603.05	766.77	738.00	28.78	26.646	
5,600.00	5,590.80	5,598.93	5,541.96	15.59	17.03	-133.76	-192.74	612.47	779.59	750.14	29.46	26.465	
5,700.00	5,690.53	5,721.77	5,664.62	15.94	17.44	-134.06	-195.15	618.32	789.47	759.39	30.08	26.245	
5,728.43	5,718.88	5,756.79	5,699.63	16.02	17.54	-134.16	-195.57	619.32	791.74	761.51	30.23	26.189	
5,800.00	5,790.30	5,845.16	5,787.99	16.26	17.73	-134.47	-196.06	620.52	795.93	765.38	30.55	26.053	
5,900.00	5,890.21	5,947.39	5,890.21	16.58	17.77	-134.72	-196.07	620.54	798.88	768.05	30.83	25.909	
6,009.80	6,000.00	6,057.17	6,000.00	16.78	17.82	89.64	-196.07	620.54	800.00	768.95	31.04	25.771	
6,100.00	6,090.20	6,147.37	6,090.20	16.81	17.86	89.64	-196.07	620.54	800.00	768.87	31.12	25.705	
6,200.00	6,190.20	6,247.37	6,190.20	16.85	17.91	89.64	-196.07	620.54	800.00	768.78	31.22	25.626	
6,300.00	6,290.20	6,347.37	6,290.20	16.89	17.96	89.64	-196.07	620.54	800.00	768.68	31.32	25.546	
6,400.00	6,390.20	6,447.37	6,390.20	16.93	18.01	89.64	-196.07	620.54	800.00	768.58	31.41	25.467	
6,500.00	6,490.20	6,547.37	6,490.20	16.97	18.05	89.64	-196.07	620.54	800.00	768.48	31.51	25.388	
6,600.00	6,590.20	6,647.37	6,590.20	17.01	18.10	89.64	-196.07	620.54	800.00	768.39	31.61	25.309	
6,700.00	6,690.20	6,747.37	6,690.20	17.06	18.15	89.64	-196.07	620.54	800.00	768.29	31.71	25.229	
6,800.00	6,790.20	6,847.37	6,790.20	17.10	18.20	89.64	-196.07	620.54	800.00	768.19	31.81	25.150	
6,900.00	6,890.20	6,947.37	6,890.20	17.14	18.25	89.64	-196.07	620.54	800.00	768.09	31.91	25.071	
7,000.00	6,990.20	7,047.37	6,990.20	17.18	18.30	89.64	-196.07	620.54	800.00	767.99	32.01	24.992	
7,100.00	7,090.20	7,147.37	7,090.20	17.23	18.34	89.64	-196.07	620.54	800.00	767.88	32.11	24.914	
7,200.00	7,190.20	7,247.37	7,190.20	17.27	18.39	89.64	-196.07	620.54	800.00	767.78	32.21	24.835	
7,300.00	7,290.20	7,347.37	7,290.20	17.32	18.44	89.64	-196.07	620.54	800.00	767.68	32.31	24.756	
7,400.00	7,390.20	7,447.37	7,390.20	17.36	18.49	89.64	-196.07	620.54	800.00	767.58	32.42	24.678	
7,500.00	7,490.20	7,547.37	7,490.20	17.40	18.54	89.64	-196.07	620.54	800.00	767.47	32.52	24.599	
7,600.00	7,590.20	7,647.37	7,590.20	17.45	18.59	89.64	-196.07	620.54	800.00	767.37	32.62	24.521	
7,700.00	7,690.20	7,747.37	7,690.20	17.49	18.64	89.64	-196.07	620.54	800.00	767.27	32.73	24.443	
7,800.00	7,790.20	7,847.37	7,790.20	17.54	18.70	89.64	-196.07	620.54	800.00	767.16	32.83	24.365	
7,900.00	7,890.20	7,947.37	7,890.20	17.58	18.75	89.64	-196.07	620.54	800.00	767.06	32.94	24.287	
8,000.00	7,990.20	8,047.37	7,990.20	17.63	18.80	89.64	-196.07	620.54	800.00	766.95	33.04	24.209	
8,100.00	8,090.20	8,147.37	8,090.20	17.68	18.85	89.64	-196.07	620.54	800.00	766.84	33.15	24.132	
8,200.00	8,190.20	8,247.37	8,190.20	17.72	18.90	89.64	-196.07	620.54	800.00	766.74	33.26	24.054	
8,300.00	8,290.20	8,347.37	8,290.20	17.77	18.95	89.64	-196.07	620.54	800.00	766.63	33.36	23.977	
8,400.00	8,390.20	8,447.37	8,390.20	17.82	19.00	89.64	-196.07	620.54	800.00	766.52	33.47	23.900	
8,500.00	8,490.20	8,547.37	8,490.20	17.86	19.06	89.64	-196.07	620.54	800.00	766.42	33.58	23.823	
8,600.00	8,590.20	8,647.37	8,590.20	17.91	19.11	89.64	-196.07	620.54	800.00	766.31	33.69	23.747	
8,700.00	8,690.20	8,747.37	8,690.20	17.96	19.16	89.64	-196.07	620.54	800.00	766.20	33.80	23.670	
8,800.00	8,790.20	8,847.37	8,790.20	18.01	19.21	89.64	-196.07	620.54	800.00	766.09	33.91	23.594	
8,900.00	8,890.20	8,947.37	8,890.20	18.05	19.27	89.64	-196.07	620.54	800.00	765.98	34.02	23.517	
9,000.00	8,990.20	9,047.37	8,990.20	18.10	19.32	89.64	-196.07	620.54	800.00	765.87	34.13	23.442	
9,100.00	9,090.20	9,147.37	9,090.20	18.15	19.37	89.64	-196.07	620.54	800.00	765.76	34.24	23.366	
9,200.00	9,190.20	9,247.37	9,190.20	18.20	19.43	89.64	-196.07	620.54	800.00	765.65	34.35	23.290	
9,300.00	9,290.20	9,347.37	9,290.20	18.25	19.48	89.64	-196.07	620.54	800.00	765.54	34.46	23.215	
9,400.00	9,390.20	9,447.37	9,390.20	18.30	19.53	89.64	-196.07	620.54	800.00	765.42	34.57	23.140	
9,500.00	9,490.20	9,547.37	9,490.20	18.35	19.59	89.64	-196.07	620.54	800.00	765.31	34.68	23.065	
9,600.00	9,590.20	9,647.37	9,590.20	18.40	19.64	89.64	-196.07	620.54	800.00	765.20	34.80	22.990	
9,700.00	9,690.20	9,747.37	9,690.20	18.45	19.70	89.64	-196.07	620.54	800.00	765.09	34.91	22.916	
9,800.00	9,790.20	9,847.37	9,790.20	18.50	19.75	89.64	-196.07	620.54	800.00	764.97	35.02	22.841	
9,900.00	9,890.20	9,947.37	9,890.20	18.55	19.81	89.64	-196.07	620.54	800.00	764.86	35.14	22.767	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 704H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,000.00	9,990.20	10,047.37	9,990.20	18.60	19.86	89.64	-196.07	620.54	800.00	764.74	35.25	22.693	
10,098.84	10,089.04	10,146.21	10,089.04	18.65	19.92	89.64	-196.07	620.54	800.00	764.63	35.36	22.621	
10,100.00	10,090.20	10,147.37	10,090.20	18.65	19.92	82.54	-196.07	620.54	800.00	764.63	35.37	22.621	
10,150.00	10,140.13	10,197.30	10,140.13	18.68	19.95	82.73	-196.07	620.54	799.70	764.24	35.46	22.553	
10,200.00	10,189.67	10,246.85	10,189.67	18.61	19.97	83.28	-196.07	620.54	798.89	763.44	35.45	22.536	
10,250.00	10,238.45	10,295.62	10,238.45	18.52	20.00	84.16	-196.07	620.54	797.66	762.25	35.41	22.523	
10,300.00	10,286.09	10,343.26	10,286.09	18.42	20.03	85.34	-196.07	620.54	796.21	760.85	35.36	22.518	
10,350.00	10,332.23	10,389.40	10,332.23	18.32	20.05	86.75	-196.07	620.54	794.78	759.49	35.29	22.524	
10,400.00	10,376.52	10,433.69	10,376.52	18.22	20.08	88.34	-196.07	620.54	793.67	758.47	35.20	22.550	
10,449.26	10,418.02	10,475.19	10,418.02	18.12	20.10	90.00	-196.07	620.54	793.23	758.13	35.09	22.602	
10,450.00	10,418.62	10,475.80	10,418.62	18.12	20.10	90.03	-196.07	620.54	793.23	758.13	35.09	22.603	
10,500.00	10,458.22	10,515.75	10,458.58	18.03	20.12	91.72	-196.07	620.54	793.83	758.85	34.98	22.695	
10,550.00	10,495.00	10,567.74	10,510.49	17.95	20.11	93.96	-193.57	620.52	795.49	760.65	34.84	22.833	
10,600.00	10,528.69	10,624.23	10,566.39	17.88	20.08	96.30	-185.54	620.47	797.98	763.27	34.71	22.989	
10,650.00	10,559.04	10,686.38	10,626.63	17.82	20.04	98.76	-170.40	620.36	801.20	766.57	34.63	23.138	
10,700.00	10,585.81	10,755.62	10,691.37	17.79	19.99	101.37	-145.96	620.19	804.95	770.33	34.62	23.248	
10,750.00	10,608.80	10,833.73	10,760.26	17.77	19.94	104.15	-109.27	619.93	808.97	774.22	34.76	23.276	
10,800.00	10,627.84	10,922.74	10,831.82	17.78	19.90	107.07	-56.50	619.56	812.83	777.74	35.08	23.169	
10,850.00	10,642.77	11,024.57	10,902.54	17.81	19.91	110.06	16.59	619.04	815.93	780.27	35.65	22.884	
10,900.00	10,653.49	11,140.27	10,965.75	17.88	20.02	112.94	113.25	618.36	817.54	781.06	36.48	22.413	
10,950.00	10,659.92	11,268.70	11,011.62	17.97	20.30	115.40	232.92	617.52	816.82	779.36	37.46	21.804	
10,998.84	10,662.00	11,402.21	11,029.87	18.09	20.78	117.07	364.86	616.59	813.19	774.78	38.41	21.170	
11,000.00	10,662.00	11,405.41	11,029.93	18.10	20.80	117.08	368.07	616.57	813.06	774.63	38.43	21.156	
11,100.00	10,662.00	11,510.42	11,030.00	18.45	21.32	117.38	473.08	615.83	803.03	763.70	39.33	20.418	
11,200.00	10,662.00	11,610.11	11,030.00	18.91	21.90	117.58	572.77	615.13	796.09	755.76	40.33	19.738	
11,300.00	10,662.00	11,710.01	11,030.00	19.50	22.55	117.69	672.66	614.43	792.26	750.80	41.46	19.108	
11,373.77	10,662.00	11,783.78	11,030.00	20.00	23.08	117.71	746.42	613.91	791.41	749.05	42.36	18.682	
11,400.00	10,662.00	11,810.01	11,030.00	20.18	23.27	117.71	772.65	613.72	791.41	748.72	42.69	18.537	
11,500.00	10,662.00	11,910.01	11,030.00	20.97	24.05	117.71	872.65	613.02	791.40	747.36	44.05	17.967	
11,600.00	10,662.00	12,010.01	11,030.00	21.84	24.89	117.71	972.65	612.32	791.40	745.88	45.52	17.386	
11,700.00	10,662.00	12,110.01	11,030.00	22.78	25.77	117.71	1,072.65	611.61	791.39	744.30	47.09	16.805	
11,800.00	10,662.00	12,210.01	11,030.00	23.79	26.71	117.71	1,172.64	610.91	791.38	742.62	48.76	16.229	
11,900.00	10,662.00	12,310.01	11,030.00	24.84	27.68	117.71	1,272.64	610.21	791.38	740.86	50.52	15.666	
12,000.00	10,662.00	12,410.01	11,030.00	25.94	28.69	117.71	1,372.64	609.50	791.37	739.02	52.35	15.118	
12,100.00	10,662.00	12,510.01	11,030.00	27.07	29.74	117.71	1,472.64	608.80	791.36	737.12	54.25	14.588	
12,200.00	10,662.00	12,610.01	11,030.00	28.24	30.82	117.71	1,572.63	608.09	791.35	735.15	56.21	14.079	
12,300.00	10,662.00	12,710.01	11,030.00	29.43	31.93	117.71	1,672.63	607.39	791.35	733.12	58.23	13.591	
12,400.00	10,662.00	12,810.01	11,030.00	30.65	33.06	117.71	1,772.63	606.69	791.34	731.05	60.29	13.125	
12,500.00	10,662.00	12,910.01	11,030.00	31.89	34.21	117.71	1,872.63	605.98	791.33	728.93	62.41	12.680	
12,600.00	10,662.00	13,010.01	11,030.00	33.14	35.39	117.71	1,972.62	605.28	791.33	726.76	64.56	12.257	
12,700.00	10,662.00	13,110.01	11,030.00	34.41	36.58	117.71	2,072.62	604.58	791.32	724.57	66.75	11.854	
12,800.00	10,662.00	13,210.01	11,030.00	35.70	37.80	117.71	2,172.62	603.87	791.31	722.33	68.98	11.472	
12,900.00	10,662.00	13,310.01	11,030.00	37.00	39.02	117.71	2,272.62	603.17	791.30	720.07	71.23	11.109	
13,000.00	10,662.00	13,410.01	11,030.00	38.31	40.27	117.71	2,372.61	602.47	791.30	717.78	73.52	10.764	
13,100.00	10,662.00	13,510.01	11,030.00	39.63	41.52	117.71	2,472.61	601.76	791.29	715.47	75.82	10.436	
13,200.00	10,662.00	13,610.01	11,030.00	40.95	42.79	117.71	2,572.61	601.06	791.28	713.13	78.15	10.125	
13,300.00	10,662.00	13,710.01	11,030.00	42.29	44.07	117.71	2,672.61	600.35	791.28	710.77	80.51	9.829	
13,400.00	10,662.00	13,810.01	11,030.00	43.63	45.36	117.72	2,772.60	599.65	791.27	708.39	82.88	9.548	
13,500.00	10,662.00	13,910.01	11,030.00	44.98	46.65	117.72	2,872.60	598.95	791.26	706.00	85.26	9.280	
13,600.00	10,662.00	14,010.01	11,030.00	46.34	47.96	117.72	2,972.60	598.24	791.25	703.59	87.67	9.026	
13,700.00	10,662.00	14,110.01	11,030.00	47.70	49.28	117.72	3,072.60	597.54	791.25	701.16	90.09	8.783	
13,800.00	10,662.00	14,210.01	11,030.00	49.07	50.60	117.72	3,172.59	596.84	791.24	698.72	92.52	8.552	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 704H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,900.00	10,662.00	14,310.01	11,030.00	50.44	51.92	117.72	3,272.59	596.13	791.23	696.27	94.96	8.332	
14,000.00	10,662.00	14,410.01	11,030.00	51.82	53.26	117.72	3,372.59	595.43	791.23	693.81	97.42	8.122	
14,100.00	10,662.00	14,510.01	11,030.00	53.19	54.60	117.72	3,472.59	594.73	791.22	691.33	99.89	7.921	
14,200.00	10,662.00	14,610.01	11,030.00	54.58	55.94	117.72	3,572.58	594.02	791.21	688.85	102.36	7.729	
14,300.00	10,662.00	14,710.01	11,030.00	55.96	57.29	117.72	3,672.58	593.32	791.21	686.35	104.85	7.546	
14,400.00	10,662.00	14,810.01	11,030.00	57.35	58.65	117.72	3,772.58	592.61	791.20	683.85	107.35	7.371	
14,500.00	10,662.00	14,910.01	11,030.00	58.75	60.01	117.72	3,872.58	591.91	791.19	681.34	109.85	7.203	
14,600.00	10,662.00	15,010.01	11,030.00	60.14	61.37	117.72	3,972.57	591.21	791.18	678.83	112.36	7.042	
14,700.00	10,662.00	15,110.01	11,030.00	61.54	62.74	117.72	4,072.57	590.50	791.18	676.30	114.88	6.887	
14,800.00	10,662.00	15,210.01	11,030.00	62.94	64.11	117.72	4,172.57	589.80	791.17	673.77	117.40	6.739	
14,900.00	10,662.00	15,310.01	11,030.00	64.34	65.48	117.72	4,272.57	589.10	791.16	671.23	119.93	6.597	
15,000.00	10,662.00	15,410.01	11,030.00	65.74	66.86	117.72	4,372.56	588.39	791.16	668.69	122.46	6.460	
15,100.00	10,662.00	15,510.01	11,030.00	67.15	68.24	117.72	4,472.56	587.69	791.15	666.14	125.01	6.329	
15,200.00	10,662.00	15,610.01	11,030.00	68.56	69.62	117.72	4,572.56	586.99	791.14	663.59	127.55	6.203	
15,300.00	10,662.00	15,710.01	11,030.00	69.97	71.00	117.72	4,672.56	586.28	791.13	661.03	130.10	6.081	
15,400.00	10,662.00	15,810.01	11,030.00	71.38	72.39	117.72	4,772.55	585.58	791.13	658.47	132.66	5.964	
15,500.00	10,662.00	15,910.01	11,030.00	72.79	73.78	117.72	4,872.55	584.87	791.12	655.90	135.22	5.851	
15,600.00	10,662.00	16,010.01	11,030.00	74.20	75.17	117.72	4,972.55	584.17	791.11	653.33	137.78	5.742	
15,700.00	10,662.00	16,110.01	11,030.00	75.62	76.57	117.72	5,072.55	583.47	791.11	650.76	140.35	5.637	
15,800.00	10,662.00	16,210.01	11,030.00	77.03	77.96	117.72	5,172.54	582.76	791.10	648.18	142.92	5.535	
15,900.00	10,662.00	16,310.01	11,030.00	78.45	79.36	117.72	5,272.54	582.06	791.09	645.60	145.49	5.437	
16,000.00	10,662.00	16,410.01	11,030.00	79.87	80.76	117.72	5,372.54	581.36	791.08	643.02	148.07	5.343	
16,100.00	10,662.00	16,510.01	11,030.00	81.29	82.16	117.72	5,472.54	580.65	791.08	640.43	150.65	5.251	
16,200.00	10,662.00	16,610.01	11,030.00	82.71	83.56	117.72	5,572.53	579.95	791.07	637.84	153.23	5.163	
16,300.00	10,662.00	16,710.01	11,030.00	84.13	84.97	117.72	5,672.53	579.25	791.06	635.25	155.82	5.077	
16,400.00	10,662.00	16,810.01	11,030.00	85.55	86.37	117.72	5,772.53	578.54	791.06	632.65	158.40	4.994	
16,500.00	10,662.00	16,910.01	11,030.00	86.97	87.78	117.72	5,872.53	577.84	791.05	630.05	160.99	4.914	
16,600.00	10,662.00	17,010.01	11,030.00	88.40	89.19	117.72	5,972.52	577.13	791.04	627.45	163.59	4.836	
16,700.00	10,662.00	17,110.01	11,030.00	89.82	90.60	117.72	6,072.52	576.43	791.03	624.85	166.18	4.760	
16,800.00	10,662.00	17,210.01	11,030.00	91.25	92.01	117.72	6,172.52	575.73	791.03	622.25	168.78	4.687	
16,900.00	10,662.00	17,310.01	11,030.00	92.67	93.42	117.72	6,272.52	575.02	791.02	619.64	171.38	4.616	
17,000.00	10,662.00	17,410.01	11,030.00	94.10	94.83	117.72	6,372.52	574.32	791.01	617.03	173.98	4.547	
17,100.00	10,662.00	17,510.01	11,030.00	95.53	96.25	117.73	6,472.51	573.62	791.01	614.42	176.58	4.479	
17,200.00	10,662.00	17,610.01	11,030.00	96.95	97.66	117.73	6,572.51	572.91	791.00	611.81	179.19	4.414	
17,300.00	10,662.00	17,710.01	11,030.00	98.38	99.08	117.73	6,672.51	572.21	790.99	609.20	181.80	4.351	
17,400.00	10,662.00	17,810.01	11,030.00	99.81	100.50	117.73	6,772.51	571.51	790.99	606.58	184.40	4.289	
17,500.00	10,662.00	17,910.01	11,030.00	101.24	101.91	117.73	6,872.50	570.80	790.98	603.96	187.01	4.230	
17,600.00	10,662.00	18,010.01	11,030.00	102.67	103.33	117.73	6,972.50	570.10	790.97	601.35	189.62	4.171	
17,700.00	10,662.00	18,110.01	11,030.00	104.10	104.75	117.73	7,072.50	569.39	790.96	598.73	192.24	4.115	
17,800.00	10,662.00	18,210.01	11,030.00	105.53	106.17	117.73	7,172.50	568.69	790.96	596.11	194.85	4.059	
17,900.00	10,662.00	18,310.01	11,030.00	106.96	107.59	117.73	7,272.49	567.99	790.95	593.48	197.47	4.005	
18,000.00	10,662.00	18,410.01	11,030.00	108.39	109.01	117.73	7,372.49	567.28	790.94	590.86	200.08	3.953	
18,100.00	10,662.00	18,510.01	11,030.00	109.83	110.43	117.73	7,472.49	566.58	790.94	588.23	202.70	3.902	
18,200.00	10,662.00	18,610.01	11,030.00	111.26	111.86	117.73	7,572.49	565.88	790.93	585.61	205.32	3.852	
18,300.00	10,662.00	18,710.01	11,030.00	112.69	113.28	117.73	7,672.48	565.17	790.92	582.98	207.94	3.804	
18,400.00	10,662.00	18,810.01	11,030.00	114.12	114.70	117.73	7,772.48	564.47	790.91	580.35	210.56	3.756	
18,500.00	10,662.00	18,910.01	11,030.00	115.56	116.13	117.73	7,872.48	563.77	790.91	577.72	213.18	3.710	
18,600.00	10,662.00	19,010.01	11,030.00	116.99	117.55	117.73	7,972.48	563.06	790.90	575.09	215.81	3.665	
18,700.00	10,662.00	19,110.01	11,030.00	118.43	118.98	117.73	8,072.47	562.36	790.89	572.46	218.43	3.621	
18,800.00	10,662.00	19,210.01	11,030.00	119.86	120.41	117.73	8,172.47	561.65	790.89	569.83	221.06	3.578	
18,900.00	10,662.00	19,310.01	11,030.00	121.30	121.83	117.73	8,272.47	560.95	790.88	567.20	223.68	3.536	
19,000.00	10,662.00	19,410.01	11,030.00	122.73	123.26	117.73	8,372.47	560.25	790.87	564.56	226.31	3.495	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 704H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,100.00	10,662.00	19,510.01	11,030.00	124.17	124.69	117.73	8,472.46	559.54	790.86	561.93	228.94	3.454	
19,200.00	10,662.00	19,610.01	11,030.00	125.60	126.12	117.73	8,572.46	558.84	790.86	559.29	231.57	3.415	
19,300.00	10,662.00	19,710.01	11,030.00	127.04	127.54	117.73	8,672.46	558.14	790.85	556.65	234.20	3.377	
19,400.00	10,662.00	19,810.01	11,030.00	128.48	128.97	117.73	8,772.46	557.43	790.84	554.02	236.83	3.339	
19,500.00	10,662.00	19,910.01	11,030.00	129.91	130.40	117.73	8,872.45	556.73	790.84	551.38	239.46	3.303	
19,600.00	10,662.00	20,010.01	11,030.00	131.35	131.83	117.73	8,972.45	556.03	790.83	548.74	242.09	3.267	
19,700.00	10,662.00	20,110.01	11,030.00	132.79	133.26	117.73	9,072.45	555.32	790.82	546.10	244.72	3.232	
19,800.00	10,662.00	20,210.01	11,030.00	134.22	134.69	117.73	9,172.45	554.62	790.81	543.46	247.35	3.197	
19,900.00	10,662.00	20,310.01	11,030.00	135.66	136.12	117.73	9,272.44	553.91	790.81	540.82	249.99	3.163	
20,000.00	10,662.00	20,410.01	11,030.00	137.10	137.55	117.73	9,372.44	553.21	790.80	538.18	252.62	3.130	
20,100.00	10,662.00	20,510.01	11,030.00	138.54	138.99	117.73	9,472.44	552.51	790.79	535.54	255.26	3.098	
20,200.00	10,662.00	20,610.01	11,030.00	139.97	140.42	117.73	9,572.44	551.80	790.79	532.90	257.89	3.066	
20,300.00	10,662.00	20,710.01	11,030.00	141.41	141.85	117.73	9,672.43	551.10	790.78	530.25	260.53	3.035	
20,400.00	10,662.00	20,810.01	11,030.00	142.85	143.28	117.73	9,772.43	550.40	790.77	527.61	263.16	3.005	
20,500.00	10,662.00	20,910.01	11,030.00	144.29	144.71	117.73	9,872.43	549.69	790.77	524.97	265.80	2.975	
20,600.00	10,662.00	21,010.01	11,030.00	145.73	146.15	117.73	9,972.43	548.99	790.76	522.32	268.44	2.946	
20,700.00	10,662.00	21,110.01	11,030.00	147.17	147.58	117.73	10,072.42	548.29	790.75	519.68	271.08	2.917	
20,800.00	10,662.00	21,210.01	11,030.00	148.61	149.01	117.74	10,172.42	547.58	790.74	517.03	273.71	2.889	
20,859.60	10,662.00	21,269.60	11,030.00	149.33	149.87	117.74	10,232.01	547.16	790.74	515.60	275.14	2.874	
20,859.96	10,662.00	21,269.91	11,030.00	149.34	149.87	117.74	10,232.32	547.16	790.74	515.59	275.15	2.874	
20,860.15	10,662.00	21,269.91	11,030.00	149.34	149.87	117.74	10,232.32	547.16	790.74	515.59	275.15	2.874	SF

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 803H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.64	1.41	224.96	224.96				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	1.41	224.96	224.96	223.38	1.58	142.009	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	1.41	224.96	224.96	222.07	2.90	77.594	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	1.41	224.96	224.96	221.18	3.79	59.376	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	1.41	224.96	224.96	220.45	4.51	49.860	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	1.41	224.96	224.96	219.83	5.14	43.772	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	1.41	224.96	224.96	219.26	5.70	39.448	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	1.41	224.96	224.96	218.74	6.22	36.169	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	1.41	224.96	224.96	218.26	6.70	33.573	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	1.41	224.96	224.96	217.81	7.15	31.449	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.64	1.41	224.96	224.96	217.38	7.58	29.670	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.64	1.41	224.96	224.96	216.97	7.99	28.150	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.64	1.41	224.96	224.96	216.58	8.38	26.832	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.64	1.41	224.96	224.96	216.20	8.76	25.674	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.64	1.41	224.96	224.96	215.84	9.13	24.647	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.64	1.41	224.96	224.96	215.48	9.48	23.726	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.64	1.41	224.96	224.96	215.14	9.83	22.896	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.64	1.41	224.96	224.96	214.80	10.16	22.141	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.64	1.41	224.96	224.96	214.48	10.49	21.451	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.64	1.41	224.96	224.96	214.16	10.81	20.817	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	1.41	224.96	224.96	213.85	11.12	20.232	
2,100.00	2,099.99	2,101.07	2,101.06	5.73	5.73	-90.36	0.09	224.73	224.73	213.35	11.38	19.748	
2,200.00	2,199.91	2,202.14	2,202.04	5.88	5.88	-90.38	-3.86	224.03	224.05	212.46	11.59	19.331	
2,281.33	2,281.08	2,284.33	2,284.07	5.98	6.03	-90.40	-9.01	223.12	223.15	211.41	11.74	19.015	
2,300.00	2,299.70	2,303.19	2,302.88	5.99	6.06	-93.99	-10.43	222.87	222.94	211.19	11.75	18.970	
2,340.91	2,340.50	2,344.24	2,343.78	6.07	6.11	-102.28	-13.76	222.29	222.74	210.89	11.85	18.802	
2,400.00	2,399.46	2,403.32	2,402.66	6.18	6.21	-114.89	-18.58	221.44	223.17	211.16	12.00	18.592	
2,494.02	2,493.24	2,497.28	2,496.29	6.33	6.37	-133.79	-26.24	220.08	225.60	213.38	12.22	18.465	
2,500.00	2,499.21	2,503.25	2,502.25	6.34	6.38	-133.75	-26.73	220.00	225.83	213.60	12.23	18.471	
2,600.00	2,598.94	2,603.14	2,601.80	6.65	6.58	-133.03	-34.87	218.56	229.59	216.99	12.60	18.220	
2,700.00	2,698.67	2,703.03	2,701.34	6.84	6.79	-132.34	-43.02	217.13	233.39	220.55	12.84	18.177	
2,800.00	2,798.39	2,807.87	2,805.84	7.04	7.02	-131.77	-51.00	214.69	236.32	223.23	13.09	18.048	
2,900.00	2,898.12	2,913.61	2,911.26	7.26	7.25	-131.54	-57.54	209.77	236.87	223.49	13.38	17.710	
3,000.00	2,997.85	3,015.52	3,012.83	7.49	7.43	-131.57	-62.69	203.16	235.52	221.90	13.62	17.294	
3,100.00	3,097.58	3,115.51	3,112.48	7.73	7.67	-131.62	-67.66	196.54	234.04	220.10	13.94	16.790	
3,200.00	3,197.31	3,215.50	3,212.12	7.98	7.92	-131.67	-72.63	189.92	232.56	218.29	14.28	16.290	
3,300.00	3,297.04	3,315.49	3,311.77	8.25	8.17	-131.72	-77.61	183.30	231.08	216.45	14.63	15.795	
3,400.00	3,396.77	3,415.48	3,411.41	8.52	8.44	-131.77	-82.58	176.68	229.60	214.60	15.00	15.308	
3,500.00	3,496.50	3,515.47	3,511.06	8.80	8.72	-131.82	-87.55	170.06	228.12	212.74	15.38	14.831	
3,600.00	3,596.22	3,615.45	3,610.70	9.08	9.00	-131.88	-92.52	163.44	226.64	210.86	15.78	14.365	
3,700.00	3,695.95	3,715.44	3,710.35	9.37	9.29	-131.93	-97.49	156.82	225.16	208.98	16.19	13.911	
3,800.00	3,795.68	3,815.43	3,809.99	9.67	9.59	-131.99	-102.46	150.20	223.68	207.08	16.61	13.471	
3,900.00	3,895.41	3,915.42	3,909.64	9.97	9.89	-132.04	-107.43	143.58	222.20	205.17	17.04	13.043	
4,000.00	3,995.14	4,015.41	4,009.28	10.28	10.20	-132.10	-112.41	136.96	220.72	203.25	17.48	12.630	
4,100.00	4,094.87	4,115.40	4,108.93	10.59	10.52	-132.16	-117.38	130.34	219.25	201.32	17.93	12.231	
4,200.00	4,194.60	4,215.39	4,208.58	10.90	10.83	-132.22	-122.35	123.72	217.77	199.38	18.38	11.845	
4,300.00	4,294.33	4,315.38	4,308.22	11.22	11.16	-132.27	-127.32	117.10	216.29	197.44	18.85	11.474	
4,400.00	4,394.06	4,415.36	4,407.87	11.55	11.48	-132.33	-132.29	110.48	214.81	195.48	19.33	11.115	
4,500.00	4,493.78	4,515.35	4,507.51	11.87	11.81	-132.39	-137.26	103.86	213.33	193.53	19.81	10.770	
4,600.00	4,593.51	4,615.34	4,607.16	12.20	12.15	-132.46	-142.23	97.24	211.85	191.56	20.30	10.438	
4,700.00	4,693.24	4,715.33	4,706.80	12.53	12.48	-132.52	-147.21	90.62	210.38	189.59	20.79	10.119	
4,800.00	4,792.97	4,815.32	4,806.45	12.86	12.82	-132.58	-152.18	84.00	208.90	187.61	21.29	9.811	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 803H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,900.00	4,892.70	4,915.31	4,906.09	13.20	13.16	-132.64	-157.15	77.38	207.42	185.62	21.80	9.515	
5,000.00	4,992.43	5,015.30	5,005.74	13.53	13.51	-132.71	-162.12	70.76	205.95	183.64	22.31	9.230	
5,100.00	5,092.16	5,115.29	5,105.39	13.87	13.85	-132.77	-167.09	64.14	204.47	181.64	22.83	8.956	
5,200.00	5,191.89	5,215.28	5,205.03	14.21	14.20	-132.84	-172.06	57.53	202.99	179.64	23.35	8.693	
5,300.00	5,291.61	5,315.26	5,304.68	14.55	14.55	-132.91	-177.03	50.91	201.52	177.64	23.88	8.439	
5,400.00	5,391.34	5,415.25	5,404.32	14.90	14.90	-132.98	-182.01	44.29	200.04	175.63	24.41	8.195	
5,500.00	5,491.07	5,515.24	5,503.97	15.24	15.25	-133.05	-186.98	37.67	198.57	173.62	24.95	7.959	
5,600.00	5,590.80	5,615.23	5,603.61	15.59	15.60	-133.12	-191.95	31.05	197.09	171.61	25.48	7.735	
5,674.57	5,665.17	5,686.90	5,675.08	15.85	15.86	-133.29	-195.11	26.84	196.54	170.64	25.90	7.587	CC
5,700.00	5,690.53	5,711.34	5,699.48	15.94	15.94	-133.40	-196.00	25.64	196.61	170.55	26.06	7.546	
5,728.43	5,718.88	5,738.65	5,726.75	16.02	16.03	-133.57	-196.89	24.46	196.83	170.61	26.22	7.508	
5,800.00	5,790.30	5,807.39	5,795.43	16.26	16.25	-133.99	-198.61	22.17	197.65	171.02	26.64	7.421	
5,900.00	5,890.21	5,903.39	5,891.41	16.58	16.51	-134.50	-199.77	20.64	198.97	171.81	27.16	7.326	
6,009.80	6,000.00	6,011.98	6,000.00	16.78	16.56	89.64	-199.83	20.55	199.99	172.58	27.41	7.296	
6,100.00	6,090.20	6,102.18	6,090.20	16.81	16.59	89.64	-199.83	20.55	199.99	172.50	27.49	7.274	
6,200.00	6,190.20	6,202.18	6,190.20	16.85	16.64	89.64	-199.83	20.55	199.99	172.40	27.59	7.248	
6,300.00	6,290.20	6,302.18	6,290.20	16.89	16.68	89.64	-199.83	20.55	199.99	172.30	27.69	7.222	
6,400.00	6,390.20	6,402.18	6,390.20	16.93	16.72	89.64	-199.83	20.55	199.99	172.20	27.79	7.197	
6,500.00	6,490.20	6,502.18	6,490.20	16.97	16.77	89.64	-199.83	20.55	199.99	172.10	27.89	7.171	
6,600.00	6,590.20	6,602.18	6,590.20	17.01	16.81	89.64	-199.83	20.55	199.99	172.00	27.99	7.145	
6,700.00	6,690.20	6,702.18	6,690.20	17.06	16.85	89.64	-199.83	20.55	199.99	171.90	28.09	7.119	
6,800.00	6,790.20	6,802.18	6,790.20	17.10	16.90	89.64	-199.83	20.55	199.99	171.80	28.19	7.094	
6,900.00	6,890.20	6,902.18	6,890.20	17.14	16.94	89.64	-199.83	20.55	199.99	171.70	28.30	7.068	
7,000.00	6,990.20	7,002.18	6,990.20	17.18	16.99	89.64	-199.83	20.55	199.99	171.60	28.40	7.042	
7,100.00	7,090.20	7,102.18	7,090.20	17.23	17.03	89.64	-199.83	20.55	199.99	171.49	28.50	7.017	
7,200.00	7,190.20	7,202.18	7,190.20	17.27	17.08	89.64	-199.83	20.55	199.99	171.39	28.61	6.991	
7,300.00	7,290.20	7,302.18	7,290.20	17.32	17.12	89.64	-199.83	20.55	199.99	171.28	28.71	6.966	
7,400.00	7,390.20	7,402.18	7,390.20	17.36	17.17	89.64	-199.83	20.55	199.99	171.18	28.82	6.940	
7,500.00	7,490.20	7,502.18	7,490.20	17.40	17.21	89.64	-199.83	20.55	199.99	171.07	28.92	6.915	
7,600.00	7,590.20	7,602.18	7,590.20	17.45	17.26	89.64	-199.83	20.55	199.99	170.97	29.03	6.890	
7,700.00	7,690.20	7,702.18	7,690.20	17.49	17.31	89.64	-199.83	20.55	199.99	170.86	29.13	6.864	
7,800.00	7,790.20	7,802.18	7,790.20	17.54	17.35	89.64	-199.83	20.55	199.99	170.75	29.24	6.839	
7,900.00	7,890.20	7,902.18	7,890.20	17.58	17.40	89.64	-199.83	20.55	199.99	170.64	29.35	6.814	
8,000.00	7,990.20	8,002.18	7,990.20	17.63	17.45	89.64	-199.83	20.55	199.99	170.54	29.46	6.789	
8,100.00	8,090.20	8,102.18	8,090.20	17.68	17.50	89.64	-199.83	20.55	199.99	170.43	29.57	6.764	
8,200.00	8,190.20	8,202.18	8,190.20	17.72	17.54	89.64	-199.83	20.55	199.99	170.32	29.68	6.739	
8,300.00	8,290.20	8,302.18	8,290.20	17.77	17.59	89.64	-199.83	20.55	199.99	170.21	29.79	6.714	
8,400.00	8,390.20	8,402.18	8,390.20	17.82	17.64	89.64	-199.83	20.55	199.99	170.10	29.90	6.690	
8,500.00	8,490.20	8,502.18	8,490.20	17.86	17.69	89.64	-199.83	20.55	199.99	169.99	30.01	6.665	
8,600.00	8,590.20	8,602.18	8,590.20	17.91	17.74	89.64	-199.83	20.55	199.99	169.88	30.12	6.640	
8,700.00	8,690.20	8,702.18	8,690.20	17.96	17.79	89.64	-199.83	20.55	199.99	169.76	30.23	6.616	
8,800.00	8,790.20	8,802.18	8,790.20	18.01	17.84	89.64	-199.83	20.55	199.99	169.65	30.34	6.591	
8,900.00	8,890.20	8,902.18	8,890.20	18.05	17.89	89.64	-199.83	20.55	199.99	169.54	30.45	6.567	
9,000.00	8,990.20	9,002.18	8,990.20	18.10	17.94	89.64	-199.83	20.55	199.99	169.43	30.57	6.543	
9,100.00	9,090.20	9,102.18	9,090.20	18.15	17.99	89.64	-199.83	20.55	199.99	169.31	30.68	6.519	
9,200.00	9,190.20	9,202.18	9,190.20	18.20	18.04	89.64	-199.83	20.55	199.99	169.20	30.79	6.494	
9,300.00	9,290.20	9,302.18	9,290.20	18.25	18.09	89.64	-199.83	20.55	199.99	169.08	30.91	6.470	
9,400.00	9,390.20	9,402.18	9,390.20	18.30	18.14	89.64	-199.83	20.55	199.99	168.97	31.02	6.446	
9,500.00	9,490.20	9,502.18	9,490.20	18.35	18.19	89.64	-199.83	20.55	199.99	168.85	31.14	6.423	
9,600.00	9,590.20	9,602.18	9,590.20	18.40	18.24	89.64	-199.83	20.55	199.99	168.74	31.26	6.399	
9,700.00	9,690.20	9,702.18	9,690.20	18.45	18.29	89.64	-199.83	20.55	199.99	168.62	31.37	6.375	
9,800.00	9,790.20	9,802.18	9,790.20	18.50	18.34	89.64	-199.83	20.55	199.99	168.51	31.49	6.351	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 803H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,900.00	9,890.20	9,902.18	9,890.20	18.55	18.40	89.64	-199.83	20.55	199.99	168.39	31.60	6.328	
10,000.00	9,990.20	10,002.18	9,990.20	18.60	18.45	89.64	-199.83	20.55	199.99	168.27	31.72	6.305	
10,098.84	10,089.04	10,101.02	10,089.04	18.65	18.50	89.64	-199.83	20.55	199.99	168.16	31.84	6.282	
10,100.00	10,090.20	10,102.18	10,090.20	18.65	18.50	82.54	-199.83	20.55	199.99	168.16	31.84	6.282	
10,150.00	10,140.13	10,152.11	10,140.13	18.68	18.53	83.22	-199.83	20.55	199.71	167.89	31.82	6.276	
10,200.00	10,189.67	10,201.65	10,189.67	18.61	18.55	85.16	-199.83	20.55	199.03	167.54	31.50	6.319	
10,250.00	10,238.45	10,250.43	10,238.45	18.52	18.58	88.29	-199.83	20.55	198.40	167.45	30.95	6.410 ES	
10,272.00	10,259.57	10,271.55	10,259.57	18.47	18.59	90.00	-199.83	20.55	198.30	167.66	30.64	6.472	
10,300.00	10,286.09	10,298.07	10,286.09	18.42	18.60	92.44	-199.83	20.55	198.50	168.30	30.20	6.572	
10,350.00	10,332.23	10,344.21	10,332.23	18.32	18.63	97.34	-199.83	20.55	200.30	170.97	29.32	6.831	
10,400.00	10,376.52	10,388.50	10,376.52	18.22	18.65	102.63	-199.83	20.55	204.85	176.42	28.43	7.207	
10,450.00	10,418.62	10,430.60	10,418.62	18.12	18.67	107.90	-199.83	20.55	213.20	185.54	27.67	7.706	
10,500.00	10,458.22	10,470.20	10,458.22	18.03	18.69	112.77	-199.83	20.55	226.20	199.01	27.19	8.319	
10,550.00	10,495.00	10,506.98	10,495.00	17.95	18.71	116.92	-199.83	20.55	244.29	217.24	27.05	9.031	
10,600.00	10,528.69	10,540.68	10,528.69	17.88	18.73	120.14	-199.83	20.55	267.53	240.32	27.21	9.832	
10,650.00	10,559.04	10,571.02	10,559.04	17.82	18.75	122.31	-199.83	20.55	295.66	268.09	27.57	10.724	
10,700.00	10,585.81	10,597.79	10,585.81	17.79	18.76	123.31	-199.83	20.55	328.20	300.17	28.03	11.711	
10,750.00	10,608.80	10,620.78	10,608.80	17.77	18.77	122.99	-199.83	20.55	364.55	336.05	28.50	12.791	
10,800.00	10,627.84	10,639.82	10,627.84	17.78	18.78	121.13	-199.83	20.55	404.11	375.16	28.95	13.958	
10,850.00	10,642.77	10,654.75	10,642.77	17.81	18.79	117.38	-199.83	20.55	446.29	416.93	29.36	15.199	
10,900.00	10,653.49	10,665.47	10,653.49	17.88	18.80	111.22	-199.83	20.55	490.51	460.78	29.73	16.500	
10,950.00	10,659.92	10,671.90	10,659.92	17.97	18.80	102.07	-199.83	20.55	536.22	506.17	30.05	17.846	
10,998.84	10,662.00	10,673.98	10,662.00	18.09	18.80	90.00	-199.83	20.55	581.82	551.50	30.32	19.189	
11,000.00	10,662.00	10,673.98	10,662.00	18.10	18.80	90.00	-199.83	20.55	582.91	552.59	30.33	19.221	
11,100.00	10,662.00	10,673.98	10,662.00	18.45	18.80	90.00	-199.83	20.55	678.31	647.54	30.77	22.044	
11,200.00	10,662.00	10,673.98	10,662.00	18.91	18.80	90.00	-199.83	20.55	775.66	744.58	31.08	24.961	
11,300.00	10,662.00	10,673.98	10,662.00	19.50	18.80	90.00	-199.83	20.55	874.22	842.93	31.28	27.945	
11,373.77	10,662.00	10,673.98	10,662.00	20.00	18.80	90.00	-199.83	20.55	947.42	916.03	31.39	30.180	
11,400.00	10,662.00	12,368.49	11,628.00	20.18	21.83	-179.99	767.72	-87.15	966.00	917.09	48.91	19.750	
11,500.00	10,662.00	12,468.49	11,628.00	20.97	22.61	-179.99	867.72	-87.84	966.00	916.53	49.47	19.526	
11,600.00	10,662.00	12,568.49	11,628.00	21.84	23.45	-179.99	967.72	-88.54	966.00	915.92	50.08	19.289	
11,700.00	10,662.00	12,668.49	11,628.00	22.78	24.36	-179.99	1,067.71	-89.23	966.00	915.27	50.73	19.043	
11,800.00	10,662.00	12,768.49	11,628.00	23.79	25.32	-179.99	1,167.71	-89.92	966.00	914.59	51.41	18.789	
11,900.00	10,662.00	12,868.49	11,628.00	24.84	26.32	-179.99	1,267.71	-90.61	966.00	913.86	52.14	18.528	
12,000.00	10,662.00	12,968.49	11,628.00	25.94	27.37	-179.99	1,367.71	-91.31	966.00	913.10	52.90	18.261	
12,100.00	10,662.00	13,068.49	11,628.00	27.07	28.46	-179.99	1,467.70	-92.00	966.00	912.30	53.70	17.990	
12,200.00	10,662.00	13,168.49	11,628.00	28.24	29.58	-179.99	1,567.70	-92.69	966.00	911.47	54.53	17.716	
12,300.00	10,662.00	13,268.49	11,628.00	29.43	30.73	-179.99	1,667.70	-93.39	966.00	910.61	55.39	17.440	
12,400.00	10,662.00	13,368.49	11,628.00	30.65	31.90	-179.99	1,767.70	-94.08	966.00	909.72	56.28	17.163	
12,500.00	10,662.00	13,468.49	11,628.00	31.89	33.10	-179.99	1,867.70	-94.77	966.00	908.80	57.20	16.887	
12,600.00	10,662.00	13,568.49	11,628.00	33.14	34.32	-179.99	1,967.69	-95.47	966.00	907.85	58.15	16.611	
12,700.00	10,662.00	13,668.49	11,628.00	34.41	35.56	-179.99	2,067.69	-96.16	966.00	906.87	59.13	16.337	
12,800.00	10,662.00	13,768.49	11,628.00	35.70	36.81	-179.99	2,167.69	-96.85	966.00	905.87	60.13	16.065	
12,900.00	10,662.00	13,868.49	11,628.00	37.00	38.08	-179.99	2,267.69	-97.55	966.00	904.84	61.16	15.795	
13,000.00	10,662.00	13,968.49	11,628.00	38.31	39.36	-179.99	2,367.68	-98.24	966.00	903.79	62.21	15.529	
13,100.00	10,662.00	14,068.49	11,628.00	39.63	40.65	-179.99	2,467.68	-98.93	966.00	902.73	63.27	15.267	
13,200.00	10,662.00	14,168.49	11,628.00	40.95	41.95	-179.99	2,567.68	-99.62	966.00	901.64	64.36	15.008	
13,300.00	10,662.00	14,268.49	11,628.00	42.29	43.27	-179.99	2,667.68	-100.32	966.00	900.53	65.47	14.754	
13,400.00	10,662.00	14,368.49	11,628.00	43.63	44.59	-179.99	2,767.67	-101.01	966.00	899.40	66.60	14.504	
13,500.00	10,662.00	14,468.49	11,628.00	44.98	45.92	-179.99	2,867.67	-101.70	966.00	898.25	67.75	14.259	
13,600.00	10,662.00	14,568.49	11,628.00	46.34	47.26	-179.99	2,967.67	-102.40	966.00	897.09	68.91	14.018	
13,700.00	10,662.00	14,668.49	11,628.00	47.70	48.60	-179.99	3,067.67	-103.09	966.00	895.91	70.09	13.783	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 803H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,800.00	10,662.00	14,768.49	11,628.00	49.07	49.95	-179.99	3,167.66	-103.78	966.00	894.72	71.28	13.552	
13,900.00	10,662.00	14,868.49	11,628.00	50.44	51.30	-179.99	3,267.66	-104.48	966.00	893.51	72.49	13.326	
14,000.00	10,662.00	14,968.49	11,628.00	51.82	52.66	-179.99	3,367.66	-105.17	966.00	892.29	73.71	13.106	
14,100.00	10,662.00	15,068.49	11,628.00	53.19	54.03	-179.99	3,467.66	-105.86	966.00	891.06	74.94	12.890	
14,200.00	10,662.00	15,168.49	11,628.00	54.58	55.40	-179.99	3,567.65	-106.55	966.00	889.81	76.19	12.679	
14,300.00	10,662.00	15,268.49	11,628.00	55.96	56.77	-179.99	3,667.65	-107.25	966.00	888.55	77.45	12.473	
14,400.00	10,662.00	15,368.49	11,628.00	57.35	58.15	-179.99	3,767.65	-107.94	966.00	887.29	78.71	12.272	
14,500.00	10,662.00	15,468.49	11,628.00	58.75	59.53	-179.99	3,867.65	-108.63	966.00	886.01	79.99	12.076	
14,600.00	10,662.00	15,568.49	11,628.00	60.14	60.91	-179.99	3,967.64	-109.33	966.00	884.72	81.28	11.884	
14,700.00	10,662.00	15,668.49	11,628.00	61.54	62.30	-179.99	4,067.64	-110.02	966.00	883.42	82.58	11.697	
14,800.00	10,662.00	15,768.49	11,628.00	62.94	63.69	-179.99	4,167.64	-110.71	966.00	882.11	83.89	11.515	
14,900.00	10,662.00	15,868.49	11,628.00	64.34	65.08	-179.99	4,267.64	-111.41	966.00	880.79	85.21	11.337	
15,000.00	10,662.00	15,968.49	11,628.00	65.74	66.47	-179.99	4,367.64	-112.10	966.00	879.46	86.54	11.163	
15,100.00	10,662.00	16,068.49	11,628.00	67.15	67.87	-179.99	4,467.63	-112.79	966.00	878.13	87.87	10.994	
15,200.00	10,662.00	16,168.49	11,628.00	68.56	69.27	-179.99	4,567.63	-113.49	966.00	876.79	89.21	10.828	
15,300.00	10,662.00	16,268.49	11,628.00	69.97	70.67	-179.99	4,667.63	-114.18	966.00	875.44	90.56	10.667	
15,400.00	10,662.00	16,368.49	11,628.00	71.38	72.07	-179.99	4,767.63	-114.87	966.00	874.08	91.92	10.510	
15,500.00	10,662.00	16,468.49	11,628.00	72.79	73.47	-179.99	4,867.62	-115.56	966.00	872.72	93.28	10.356	
15,600.00	10,662.00	16,568.49	11,628.00	74.20	74.88	-179.99	4,967.62	-116.26	966.00	871.35	94.65	10.206	
15,700.00	10,662.00	16,668.49	11,628.00	75.62	76.29	-179.99	5,067.62	-116.95	966.00	869.98	96.02	10.060	
15,800.00	10,662.00	16,768.49	11,628.00	77.03	77.70	-179.99	5,167.62	-117.64	966.00	868.60	97.40	9.917	
15,900.00	10,662.00	16,868.49	11,628.00	78.45	79.11	-179.99	5,267.61	-118.34	966.00	867.21	98.79	9.778	
16,000.00	10,662.00	16,968.49	11,628.00	79.87	80.52	-179.99	5,367.61	-119.03	966.00	865.82	100.18	9.642	
16,100.00	10,662.00	17,068.49	11,628.00	81.29	81.93	-179.99	5,467.61	-119.72	966.00	864.42	101.58	9.510	
16,200.00	10,662.00	17,168.49	11,628.00	82.71	83.35	-179.99	5,567.61	-120.42	966.00	863.02	102.98	9.380	
16,300.00	10,662.00	17,268.49	11,628.00	84.13	84.76	-179.99	5,667.60	-121.11	966.00	861.61	104.39	9.254	
16,400.00	10,662.00	17,368.49	11,628.00	85.55	86.18	-179.99	5,767.60	-121.80	966.00	860.20	105.80	9.130	
16,500.00	10,662.00	17,468.49	11,628.00	86.97	87.60	-179.99	5,867.60	-122.50	966.00	858.78	107.22	9.010	
16,600.00	10,662.00	17,568.49	11,628.00	88.40	89.02	-179.99	5,967.60	-123.19	966.00	857.36	108.64	8.892	
16,700.00	10,662.00	17,668.49	11,628.00	89.82	90.43	-179.99	6,067.59	-123.88	966.00	855.94	110.06	8.777	
16,800.00	10,662.00	17,768.49	11,628.00	91.25	91.86	-179.99	6,167.59	-124.57	966.00	854.51	111.49	8.665	
16,900.00	10,662.00	17,868.49	11,628.00	92.67	93.28	-179.99	6,267.59	-125.27	966.00	853.08	112.92	8.555	
17,000.00	10,662.00	17,968.49	11,628.00	94.10	94.70	-179.99	6,367.59	-125.96	966.00	851.65	114.35	8.447	
17,100.00	10,662.00	18,068.49	11,628.00	95.53	96.12	-179.99	6,467.58	-126.65	966.00	850.21	115.79	8.342	
17,200.00	10,662.00	18,168.49	11,628.00	96.95	97.54	-179.99	6,567.58	-127.35	966.00	848.76	117.24	8.240	
17,300.00	10,662.00	18,268.49	11,628.00	98.38	98.97	-179.99	6,667.58	-128.04	966.00	847.32	118.68	8.139	
17,400.00	10,662.00	18,368.49	11,628.00	99.81	100.39	-179.99	6,767.58	-128.73	966.00	845.87	120.13	8.041	
17,500.00	10,662.00	18,468.49	11,628.00	101.24	101.82	-179.99	6,867.58	-129.43	966.00	844.42	121.58	7.945	
17,600.00	10,662.00	18,568.49	11,628.00	102.67	103.25	-180.00	6,967.57	-130.12	966.00	842.96	123.04	7.851	
17,700.00	10,662.00	18,668.49	11,628.00	104.10	104.67	-180.00	7,067.57	-130.81	966.00	841.51	124.49	7.759	
17,800.00	10,662.00	18,768.49	11,628.00	105.53	106.10	-180.00	7,167.57	-131.51	966.00	840.05	125.95	7.670	
17,900.00	10,662.00	18,868.49	11,628.00	106.96	107.53	-180.00	7,267.57	-132.20	966.00	838.58	127.42	7.582	
18,000.00	10,662.00	18,968.49	11,628.00	108.39	108.96	-180.00	7,367.56	-132.89	966.00	837.12	128.88	7.495	
18,100.00	10,662.00	19,068.49	11,628.00	109.83	110.38	-180.00	7,467.56	-133.58	966.00	835.65	130.35	7.411	
18,200.00	10,662.00	19,168.49	11,628.00	111.26	111.81	-180.00	7,567.56	-134.28	966.00	834.18	131.82	7.328	
18,300.00	10,662.00	19,268.49	11,628.00	112.69	113.24	-180.00	7,667.56	-134.97	966.00	832.71	133.29	7.247	
18,400.00	10,662.00	19,368.49	11,628.00	114.12	114.67	-180.00	7,767.55	-135.66	966.00	831.24	134.76	7.168	
18,500.00	10,662.00	19,468.49	11,628.00	115.56	116.10	-180.00	7,867.55	-136.36	966.00	829.76	136.24	7.090	
18,600.00	10,662.00	19,568.49	11,628.00	116.99	117.54	-180.00	7,967.55	-137.05	966.00	828.28	137.72	7.014	
18,700.00	10,662.00	19,668.49	11,628.00	118.43	118.97	-180.00	8,067.55	-137.74	966.00	826.80	139.20	6.940	
18,800.00	10,662.00	19,768.49	11,628.00	119.86	120.40	-180.00	8,167.54	-138.44	966.00	825.32	140.68	6.867	
18,900.00	10,662.00	19,868.49	11,628.00	121.30	121.83	-180.00	8,267.54	-139.13	966.00	823.83	142.17	6.795	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 803H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,000.00	10,662.00	19,968.49	11,628.00	122.73	123.26	-180.00	8,367.54	-139.82	966.00	822.35	143.65	6.725	
19,100.00	10,662.00	20,068.49	11,628.00	124.17	124.70	-180.00	8,467.54	-140.51	966.00	820.86	145.14	6.656	
19,200.00	10,662.00	20,168.49	11,628.00	125.60	126.13	-180.00	8,567.53	-141.21	966.00	819.37	146.63	6.588	
19,300.00	10,662.00	20,268.49	11,628.00	127.04	127.56	-180.00	8,667.53	-141.90	966.00	817.88	148.12	6.522	
19,400.00	10,662.00	20,368.49	11,628.00	128.48	129.00	-180.00	8,767.53	-142.59	966.00	816.39	149.61	6.457	
19,500.00	10,662.00	20,468.49	11,628.00	129.91	130.43	-180.00	8,867.53	-143.29	966.00	814.89	151.11	6.393	
19,600.00	10,662.00	20,568.49	11,628.00	131.35	131.87	-180.00	8,967.52	-143.98	966.00	813.40	152.60	6.330	
19,700.00	10,662.00	20,668.49	11,628.00	132.79	133.30	-180.00	9,067.52	-144.67	966.00	811.90	154.10	6.269	
19,800.00	10,662.00	20,768.49	11,628.00	134.22	134.74	-180.00	9,167.52	-145.37	966.00	810.40	155.60	6.208	
19,900.00	10,662.00	20,868.49	11,628.00	135.66	136.17	-180.00	9,267.52	-146.06	966.00	808.90	157.10	6.149	
20,000.00	10,662.00	20,968.49	11,628.00	137.10	137.61	-180.00	9,367.52	-146.75	966.00	807.40	158.60	6.091	
20,100.00	10,662.00	21,068.49	11,628.00	138.54	139.04	-180.00	9,467.51	-147.45	966.00	805.90	160.10	6.034	
20,200.00	10,662.00	21,168.49	11,628.00	139.97	140.48	-180.00	9,567.51	-148.14	966.00	804.39	161.61	5.977	
20,300.00	10,662.00	21,268.49	11,628.00	141.41	141.92	-180.00	9,667.51	-148.83	966.00	802.89	163.11	5.922	
20,400.00	10,662.00	21,368.49	11,628.00	142.85	143.35	-180.00	9,767.51	-149.52	966.00	801.38	164.62	5.868	
20,500.00	10,662.00	21,468.49	11,628.00	144.29	144.79	-180.00	9,867.50	-150.22	966.00	799.87	166.13	5.815	
20,600.00	10,662.00	21,568.49	11,628.00	145.73	146.23	-180.00	9,967.50	-150.91	966.00	798.36	167.64	5.762	
20,700.00	10,662.00	21,668.49	11,628.00	147.17	147.66	-180.00	10,067.50	-151.60	966.00	796.85	169.15	5.711	
20,779.95	10,662.00	21,748.44	11,628.00	148.32	148.81	-180.00	10,147.45	-152.16	966.00	795.65	170.35	5.671	
20,800.00	10,662.00	21,768.49	11,628.00	148.61	149.10	-180.00	10,167.50	-152.30	966.00	795.34	170.66	5.660	
20,859.60	10,662.00	21,828.08	11,628.00	149.33	149.90	180.00	10,227.09	-152.71	966.00	794.77	171.23	5.642	SF
20,860.15	10,662.00	21,828.09	11,628.00	149.34	149.90	180.00	10,227.09	-152.71	966.00	794.78	171.22	5.642	

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 804H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.64	1.57	249.96	249.96				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	1.57	249.96	249.96	248.38	1.58	157.790	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	1.57	249.96	249.96	247.07	2.90	86.217	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	1.57	249.96	249.96	246.18	3.79	65.974	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	1.57	249.96	249.96	245.45	4.51	55.401	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	1.57	249.96	249.96	244.83	5.14	48.637	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	1.57	249.96	249.96	244.26	5.70	43.831	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	1.57	249.96	249.96	243.75	6.22	40.189	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	1.57	249.96	249.96	243.26	6.70	37.304	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	1.57	249.96	249.96	242.81	7.15	34.944	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.64	1.57	249.96	249.96	242.38	7.58	32.967	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.64	1.57	249.96	249.96	241.97	7.99	31.278	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.64	1.57	249.96	249.96	241.58	8.38	29.814	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.64	1.57	249.96	249.96	241.20	8.76	28.527	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.64	1.57	249.96	249.96	240.84	9.13	27.386	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.64	1.57	249.96	249.96	240.48	9.48	26.363	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.64	1.57	249.96	249.96	240.14	9.83	25.440	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.64	1.57	249.96	249.96	239.80	10.16	24.602	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.64	1.57	249.96	249.96	239.48	10.49	23.835	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.64	1.57	249.96	249.96	239.16	10.81	23.130	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	1.57	249.96	249.96	238.85	11.12	22.480	CC, ES
2,100.00	2,099.99	2,093.95	2,093.94	5.73	5.73	-90.57	1.35	251.09	251.18	239.77	11.41	22.014	
2,200.00	2,199.91	2,187.75	2,187.68	5.88	5.89	-91.19	0.68	254.49	254.85	243.18	11.67	21.844	SF
2,281.33	2,281.08	2,263.85	2,263.64	5.98	6.03	-91.96	-0.18	258.90	259.69	247.83	11.86	21.904	
2,300.00	2,299.70	2,281.27	2,281.02	5.99	6.06	-95.79	-0.42	260.12	261.08	249.19	11.89	21.965	
2,400.00	2,399.46	2,374.35	2,373.75	6.18	6.25	-118.04	-1.95	267.95	271.38	259.16	12.21	22.217	
2,494.02	2,493.24	2,461.16	2,460.04	6.33	6.45	-138.09	-3.77	277.25	285.37	272.87	12.50	22.827	
2,500.00	2,499.21	2,466.66	2,465.50	6.34	6.46	-138.11	-3.90	277.90	286.40	273.88	12.52	22.883	
2,600.00	2,598.94	2,558.12	2,556.14	6.65	6.69	-138.37	-6.24	289.91	304.76	291.78	12.98	23.481	
2,700.00	2,698.67	2,648.76	2,645.65	6.84	6.93	-138.49	-8.98	303.90	325.37	312.05	13.33	24.417	
2,800.00	2,798.39	2,739.94	2,735.33	7.04	7.16	-138.50	-12.14	320.04	348.17	334.50	13.67	25.467	
2,900.00	2,898.12	2,837.13	2,830.79	7.26	7.42	-138.48	-15.64	337.96	371.70	357.62	14.09	26.385	
3,000.00	2,997.85	2,934.33	2,926.25	7.49	7.71	-138.46	-19.15	355.88	395.24	380.70	14.54	27.182	
3,100.00	3,097.58	3,031.52	3,021.71	7.73	8.01	-138.45	-22.65	373.81	418.77	403.76	15.02	27.888	
3,200.00	3,197.31	3,128.71	3,117.17	7.98	8.32	-138.43	-26.16	391.73	442.31	426.79	15.51	28.512	
3,300.00	3,297.04	3,225.90	3,212.63	8.25	8.65	-138.42	-29.67	409.65	465.84	449.81	16.03	29.064	
3,400.00	3,396.77	3,323.09	3,308.09	8.52	8.99	-138.41	-33.17	427.58	489.37	472.81	16.56	29.551	
3,500.00	3,496.50	3,420.28	3,403.55	8.80	9.33	-138.40	-36.68	445.50	512.91	495.80	17.11	29.981	
3,600.00	3,596.22	3,517.47	3,499.01	9.08	9.69	-138.39	-40.18	463.42	536.44	518.77	17.67	30.360	
3,700.00	3,695.95	3,614.67	3,594.47	9.37	10.05	-138.38	-43.69	481.35	559.97	541.73	18.24	30.695	
3,800.00	3,795.68	3,711.86	3,689.93	9.67	10.42	-138.37	-47.19	499.27	583.51	564.68	18.83	30.990	
3,900.00	3,895.41	3,809.05	3,785.39	9.97	10.80	-138.37	-50.70	517.19	607.04	587.62	19.42	31.252	
4,000.00	3,995.14	3,906.24	3,880.85	10.28	11.18	-138.36	-54.21	535.12	630.58	610.55	20.03	31.482	
4,100.00	4,094.87	4,003.43	3,976.31	10.59	11.57	-138.35	-57.71	553.04	654.11	633.47	20.64	31.686	
4,200.00	4,194.60	4,100.62	4,071.77	10.90	11.96	-138.35	-61.22	570.96	677.64	656.38	21.27	31.867	
4,300.00	4,294.33	4,197.81	4,167.23	11.22	12.36	-138.34	-64.72	588.89	701.18	679.28	21.89	32.026	
4,400.00	4,394.06	4,295.00	4,262.69	11.55	12.76	-138.34	-68.23	606.81	724.71	702.18	22.53	32.167	
4,500.00	4,493.78	4,392.20	4,358.15	11.87	13.16	-138.33	-71.73	624.73	748.24	725.07	23.17	32.292	
4,600.00	4,593.51	4,489.39	4,453.61	12.20	13.57	-138.33	-75.24	642.66	771.78	747.96	23.82	32.403	
4,700.00	4,693.24	4,586.58	4,549.07	12.53	13.98	-138.32	-78.75	660.58	795.31	770.84	24.47	32.500	
4,800.00	4,792.97	4,683.77	4,644.53	12.86	14.39	-138.32	-82.25	678.50	818.85	793.72	25.13	32.587	
4,900.00	4,892.70	4,780.96	4,739.99	13.20	14.80	-138.32	-85.76	696.43	842.38	816.59	25.79	32.664	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Offset Design: Treble East Pad - Treble State Com 804H - OH - Plan 1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-MWD+HDGM — **Rule Assigned:** — **Offset Well Error:** 0.00 usft

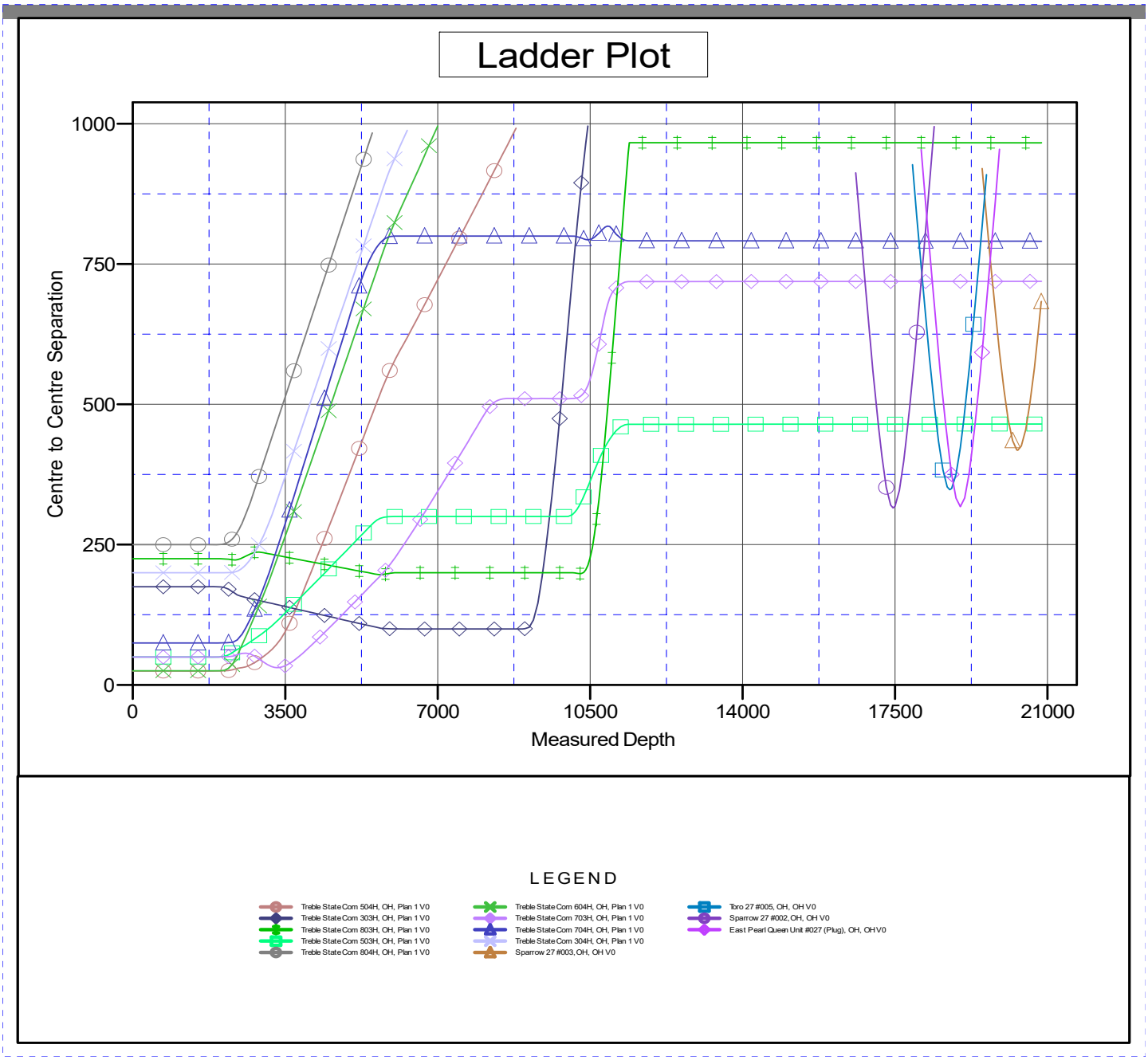
Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.00	4,992.43	4,878.15	4,835.45	13.53	15.22	-138.31	-89.26	714.35	865.91	839.46	26.46	32.732	
5,100.00	5,092.16	4,975.34	4,930.91	13.87	15.64	-138.31	-92.77	732.27	889.45	862.32	27.12	32.791	
5,200.00	5,191.89	5,072.54	5,026.37	14.21	16.06	-138.31	-96.27	750.20	912.98	885.18	27.80	32.844	
5,300.00	5,291.61	5,169.73	5,121.83	14.55	16.48	-138.30	-99.78	768.12	936.52	908.04	28.47	32.891	
5,400.00	5,391.34	5,266.92	5,217.29	14.90	16.90	-138.30	-103.28	786.04	960.05	930.90	29.15	32.931	
5,500.00	5,491.07	5,364.11	5,312.75	15.24	17.33	-138.30	-106.79	803.97	983.58	953.75	29.84	32.967	

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB=30' @ 3717.00usft
Offset Depths are relative to Offset Datum
Central Meridian is -104.333334

Coordinates are relative to: Treble State Com 603H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.48°



Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 603H
Project:	Lea Co., NM (NAD-83)	**TVD Reference:**	KB=30' @ 3717.00usft
Reference Site:	Treble East Pad	**MD Reference:**	KB=30' @ 3717.00usft
Site Error:	0.00 usft	**North Reference:**	Grid
Reference Well:	Treble State Com 603H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB=30' @ 3717.00usft
Offset Depths are relative to Offset Datum
Central Meridian is -104.333334

Coordinates are relative to: Treble State Com 603H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.48°