District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011

Permit 340650

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 30-025-51510

4. Property Code	5. Property Name	6. Well No.
333786	TREBLE STATE COM	703H

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	1550	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	2290	E	Lea

9. Pool Information

KLEIN RANCH;WOLFCAMP	96989

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3685
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	21274	Wolfcamp		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	10500	529	3000
Prod	8.75	5.5	20	21274	2689	10500

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	

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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
	96989	KLEIN RANCH;WOLFCAMP

[4] Property Code	[5] Property Name	[6] Well Number
	TREBLE STATE COM	703H

[7] OGRID No.	[8] Operator Name	[9] Elevation
331595	FRANKLIN MOUNTAIN ENERGY 3, LLC	3685.8'

[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	1550	EAST	LEA

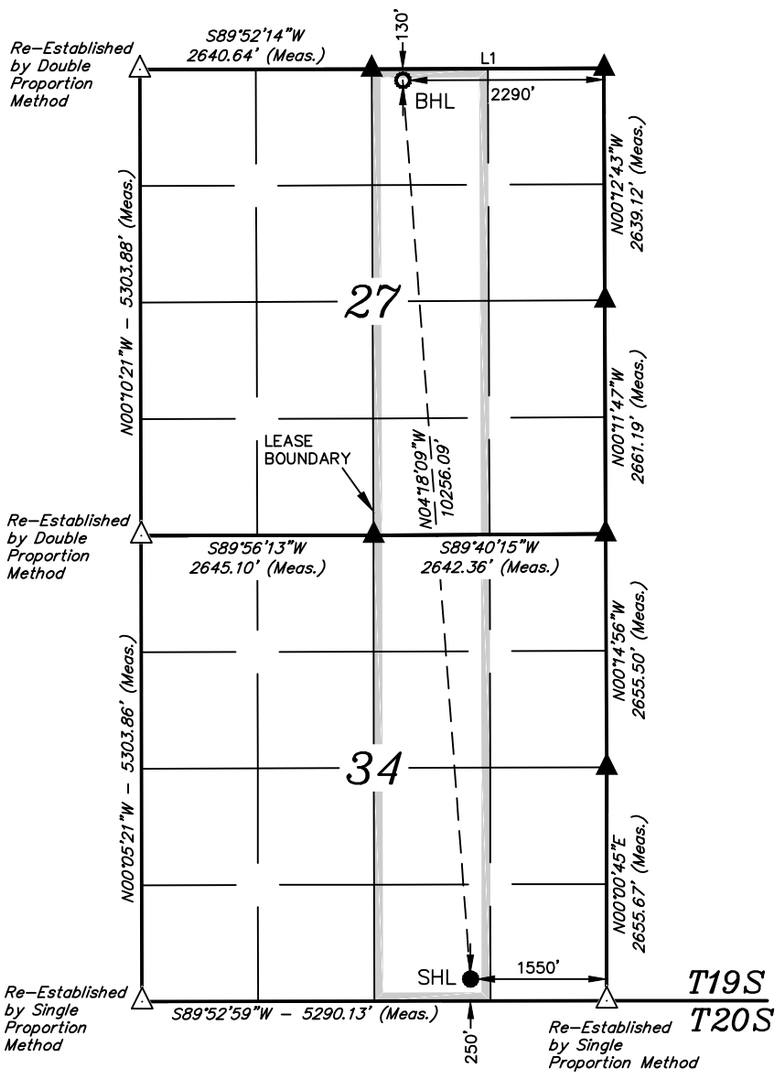
[11] Bottom Hole Location If Different From Surface

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	2290	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

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" (32.610242°)	LATITUDE = 32°38'18.08" (32.638356°)
LONGITUDE = -103°26'29.69" (-103.441581°)	LONGITUDE = -103°26'38.19" (-103.443941°)
NAD 27 (SURFACE HOLE LOCATION)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 32°36'36.43" (32.610119°)	LATITUDE = 32°38'17.64" (32.638233°)
LONGITUDE = -103°26'27.94" (-103.441093°)	LONGITUDE = -103°26'36.43" (-103.443453°)
STATE PLANE NAD 83 (N.M. EAST)	**STATE PLANE NAD 83 (N.M. EAST)**
N: 586888.64' E: 815928.37'	N: 597110.86' E: 815115.78'
STATE PLANE NAD 27 (N.M. EAST)	**STATE PLANE NAD 27 (N.M. EAST)**
N: 586825.76' E: 774747.25'	N: 597047.71' E: 773935.02'

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 04-12-23 PROFESSIONAL SURVEYOR

Certificate Number:

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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 340650

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
Franklin Mountain Energy 3, LLC [331595] 44 Cook Street Denver, CO 80206	30-025-51510
	Well: TREBLE STATE COM #703H

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 703H

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	1,907'	1,809'			Carbonates
Salado	1,641'	2,076'			Salt, Carbonate & Clastics
Base Salt	468'	3,249'			Shaley Carbonate & Shale
Yates	195'	3,522'			Anhydrite/shale
Seven Rivers	-348'	4,065'			Interbedded shale/carbonate
Queen	-934'	4,651'			Sandstone & dolomite & anhydrite
Delaware Mtn Group	-2,405'	6,122'			Sand/carb/shales - oil/gas/water
Bone Spring Lime	-4,256'	7,972'			Shale/Carbonates - oil/gas
First Bone Spring Sand	-5,716'	9,433'			Sandstone - oil/gas/water
Second Bone Spring Carbonate	-5,999'	9,716'			Shale/Carbonates - oil/gas
Second Bone Spring Sand	-6,302'	10,019'			Sandstone - oil/gas/water
Third Bone Spring Carbonate	-6,856'	10,572'			Shale/Carbonates - oil/gas
Third Bone Spring Sand	-6,923'	10,640'			Sandstone - oil/gas/water
Wolfcamp	-7,013'	10,730'			Overpressure shale/sand- Oil/Gas
HZ Target	-7,326'	11,043'			Overpressure Shale - Oil/Gas
Wolfcamp B	-7,335'	11,052'			Overpressure Shale - Oil/Gas

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

Upper Permian Sands	0- 400’	Fresh Water
Delaware Sands	6,122’	Oil
1st Bone Spring Sand	9,433’	Oil
2nd Bone Spring Sand	10,019’	Oil
3rd Bone Spring Sand	10,640’	Oil
Wolfcamp	10,730’	Oil
Wolfcamp B	11,052’	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.

FRANKLIN MOUNTAIN ENERGY

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	10500	1.90	2.19	2.35	2.42
0-10,500'											
						CDC-HTQ					
Production 5 1/2"	20	HCP-110	12640	12200	641	667	10774	1.15	2.42	2.03	2.11
10,500'-21,274'						**TVD**	11043				2.08

Tapered production string will be ran with a X-over installed at the KOP of 10,500'.

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	0-10500	529	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	10500-21274						2689	HSLD 80, 13.ppg , 32#/sk Salt, 4% STE, 1#/sk Gyp Seal	1.52	7.59	10500	50%

FRANKLIN MOUNTAIN ENERGY

Contingency plan:

If adverse drilling conditions are encountered the drilling will pivot to contingency plan to deepen Intermediate casing string and run 2-stage cement job on it.

4.a Contingency Casing Program

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	8000	1.31	1.13	2.18	2.48
0-8,000'											
						CDC-HTQ					
Production 7"	32	HCP-110	12460	10760	1025	1053	10500	1.90	2.19	2.35	2.42
0-10,500'											
						CDC-HTQ					
Production 5 1/2"	20	HCP-110	12640	12200	641	667	10774	1.15	2.42	2.03	2.11
10,500'-21,274'						**TVD**	11043				2.08

Contingency Cementing Program:

String Type	Hole Size	Casing Size	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 St 1	12.25	9.625	8000	823	Lead, 11.3 ppg, HSLD 82 10% Gel, 4%STE, 2#/sk, Gyp Seal	2.74	16.31	4000	188	Econolite Tail, 14.8 ppg, 100% Class C, 0.08% C-51	1.33	6.33	7600	100%
Int St 2	12.25	9.625	4000	732	Lead, 11.3 ppg, HSLD 82 10% Gel, 4%STE, 2#/sk, Gyp Seal	2.74	16.31	0						100%
Prod	8.75	7	0-10500	228	HSLD 9420, 10.5 ppg, Class C, 1#/sk Salt, 4% STE 1% C-45	3.99	25.51	7000						100%
Prod	8.75	5.5	10500-21274						2689	HSLD 80, 13.ppg , 32#/sk Salt, 4% STE, 1#/sk Gyp Seal	1.52	7.59	10500	50%

FRANKLIN MOUNTAIN ENERGY

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.

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' – 21,274' Lateral	Oil Base	9.0-11.0	58-68	3 - 6

Contingency mud system:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,900'	Fresh - Gel	8.6-8.8	28-34	N/c
1,900' – 8,000'	Brine	8.8-10.2	28-34	N/c
8,000' – 21,274' 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 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.

FRANKLIN MOUNTAIN ENERGY

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 11,043' TVD (deepest point of the well) is 165F with an estimated maximum bottom-hole pressure (BHP) at the same point of 6,890 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.
            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.

FRANKLIN MOUNTAIN ENERGY

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.

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.

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

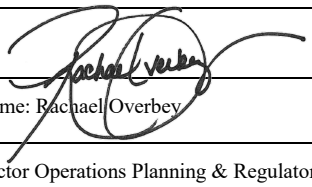
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(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:*

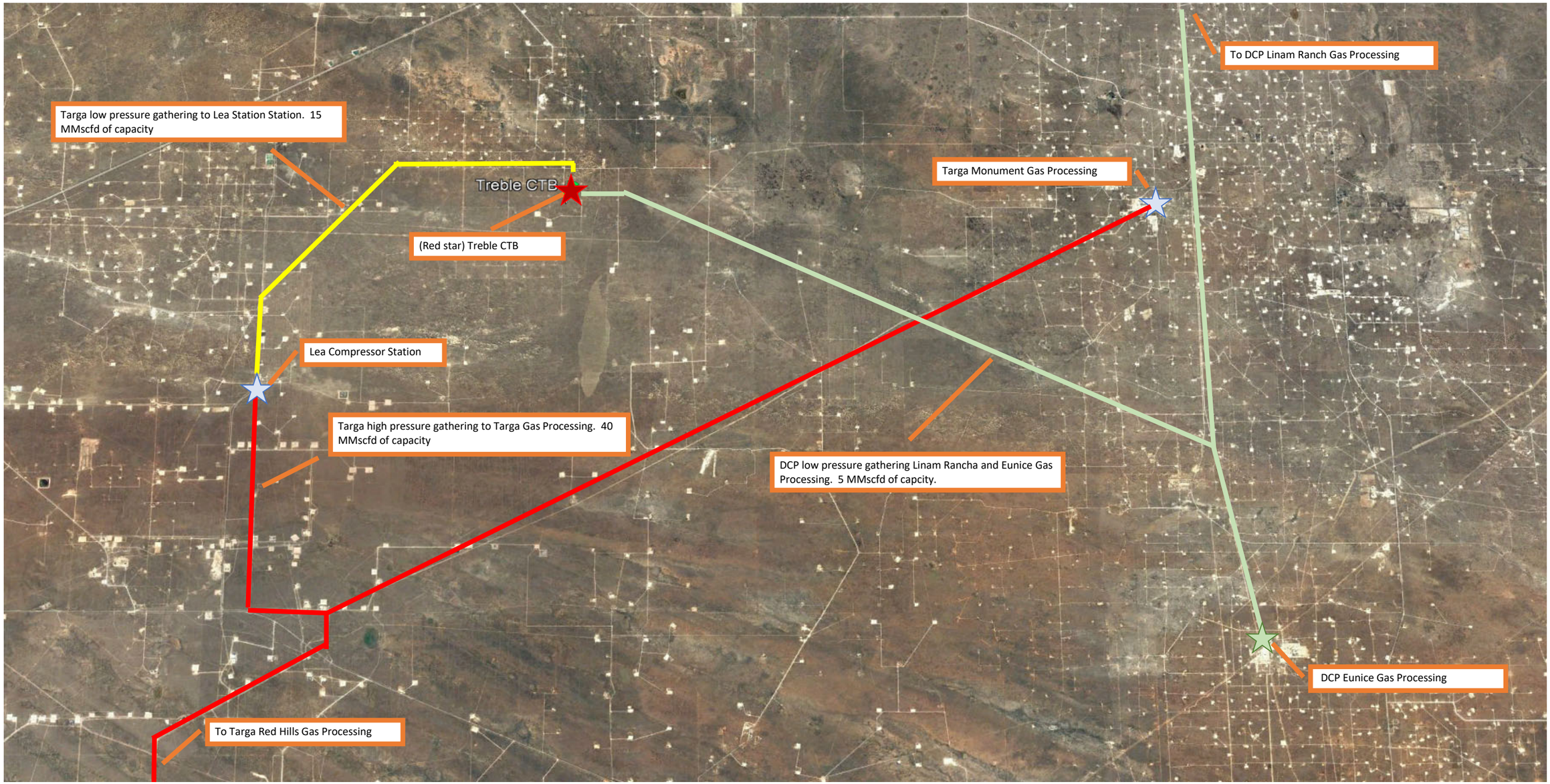
FRANKLIN MOUNTAIN ENERGY

- 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 703H

OH

Plan: Plan 1

Standard Planning Report

16 May, 2023

Plan #1

FRANKLIN MOUNTAIN ENERGY

Project: Lea Co., NM (NAD-83)
Site: Treble East Pad
Well: Treble State Com 703H
Wellbore: OH
Design: Plan 1
Lat: 32.610242
Long: -103.441581
GL: 3687.00
KB: KB=30' @ 3717.00usft

ALTITUDE ENERGY PARTNERS

WELL DETAILS: Treble State Com 703H

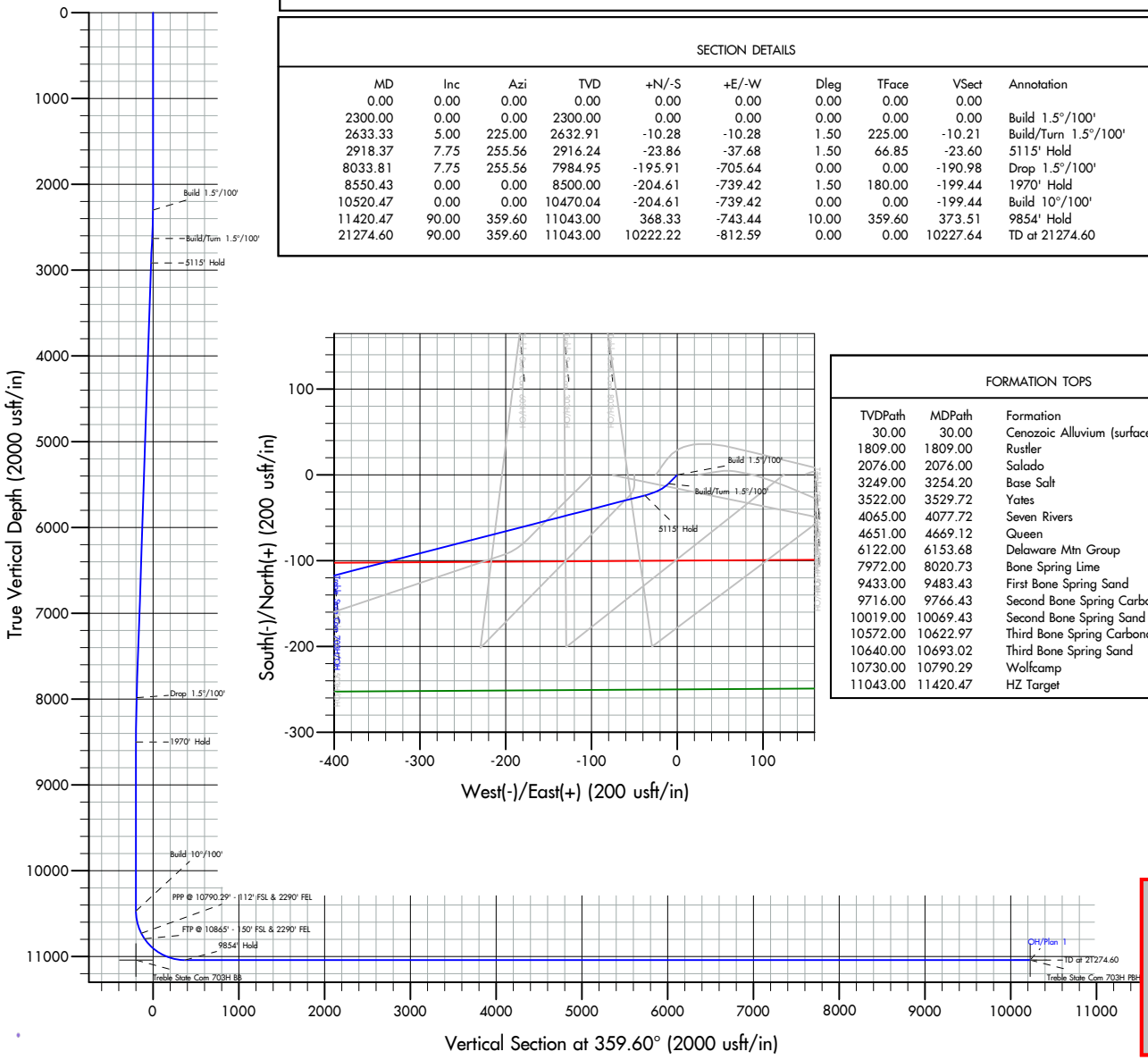
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	586888.64	815928.37	32.610242	-103.441581

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Treble State Com 703H BB	11043.00	-204.61	-739.42	586684.03	815188.95	Point
Treble State Com 703H PBHL	11043.00	10222.22	-812.59	597110.86	815115.78	Point

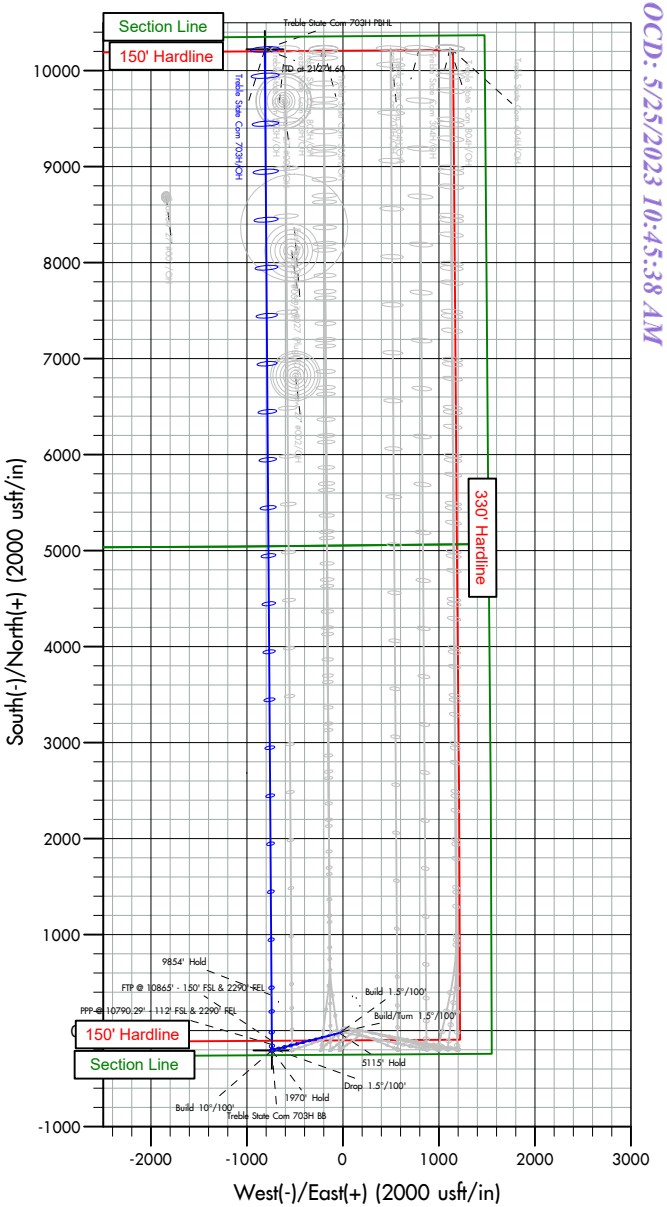
SECTION DETAILS

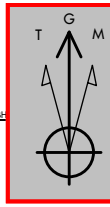
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	Build 1.5°/100'
2633.33	5.00	225.00	2632.91	-10.28	-10.28	1.50	225.00	-10.21	Build/Turn 1.5°/100'
2918.37	7.75	255.56	2916.24	-23.86	-37.68	1.50	66.85	-23.60	5115' Hold
8033.81	7.75	255.56	7984.95	-195.91	-705.64	0.00	0.00	-190.98	Drop 1.5°/100'
8550.43	0.00	0.00	8500.00	-204.61	-739.42	1.50	180.00	-199.44	1970' Hold
10520.47	0.00	0.00	10470.04	-204.61	-739.42	0.00	0.00	-199.44	Build 10°/100'
11420.47	90.00	359.60	11043.00	368.33	-743.44	10.00	359.60	373.51	9854' Hold
21274.60	90.00	359.60	11043.00	10222.22	-812.59	0.00	0.00	10227.64	TD at 21274.60



FORMATION TOPS

TVDPath	MDPath	Formation
30.00	30.00	Cenozoic Alluvium (surface)
1809.00	1809.00	Rustler
2076.00	2076.00	Salado
3249.00	3254.20	Base Salt
3522.00	3529.72	Yates
4065.00	4077.72	Seven Rivers
4651.00	4669.12	Queen
6122.00	6153.68	Delaware Mtn Group
7972.00	8020.73	Bone Spring Lime
9433.00	9483.43	First Bone Spring Sand
9716.00	9766.43	Second Bone Spring Carbonate
10019.00	10069.43	Second Bone Spring Sand
10572.00	10622.97	Third Bone Spring Carbonate
10640.00	10693.02	Third Bone Spring Sand
10730.00	10790.29	Wolfcamp
11043.00	11420.47	HZ Target





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

Magnetic Field
Strength: 47650.7nT
Dip Angle: 60.42°
Date: 5/16/2023
Model: HRGM

Plan: Plan 1 (Treble State Com 703H/OH)
Created By: Dusty Moyer Date: 19:30, 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 703H
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 703H	**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 703H

Well Position	**+N/-S**	0.00 usft	**Northing:**	586,888.64 usft	**Latitude:**	32.610243
	+E/-W	0.00 usft	**Easting:**	815,928.37 usft	**Longitude:**	-103.441581
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	47,650.73046799

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	21,274.60	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 703H
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 703H	**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	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,633.33	5.00	225.00	2,632.91	-10.28	-10.28	1.50	1.50	0.00	225.00	
2,918.37	7.75	255.56	2,916.24	-23.86	-37.68	1.50	0.96	10.72	66.85	
8,033.81	7.75	255.56	7,984.96	-195.91	-705.64	0.00	0.00	0.00	0.00	
8,550.43	0.00	0.00	8,500.00	-204.61	-739.42	1.50	-1.50	0.00	180.00	
10,520.47	0.00	0.00	10,470.04	-204.61	-739.42	0.00	0.00	0.00	0.00	
11,420.47	90.00	359.60	11,043.00	368.33	-743.44	10.00	10.00	0.00	359.60	
21,274.60	90.00	359.60	11,043.00	10,222.22	-812.59	0.00	0.00	0.00	0.00	Treble State Com 7

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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
1,809.00	0.00	0.00	1,809.00	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
2,076.00	0.00	0.00	2,076.00	0.00	0.00	0.00	0.00	0.00	0.00
Salado									
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 1.5°/100'									
2,400.00	1.50	225.00	2,399.99	-0.93	-0.93	-0.92	1.50	1.50	0.00
2,500.00	3.00	225.00	2,499.91	-3.70	-3.70	-3.68	1.50	1.50	0.00
2,600.00	4.50	225.00	2,599.69	-8.33	-8.33	-8.27	1.50	1.50	0.00
2,633.33	5.00	225.00	2,632.91	-10.28	-10.28	-10.21	1.50	1.50	0.00
Build/Turn 1.5°/100'									
2,700.00	5.47	234.69	2,699.30	-14.17	-14.93	-14.06	1.50	0.71	14.53
2,800.00	6.41	246.06	2,798.77	-19.19	-23.92	-19.02	1.50	0.94	11.37
2,900.00	7.53	254.31	2,898.03	-23.23	-35.33	-22.98	1.50	1.12	8.25
2,918.37	7.75	255.56	2,916.24	-23.86	-37.68	-23.60	1.50	1.20	6.80
5115' Hold									
3,000.00	7.75	255.56	2,997.12	-26.61	-48.34	-26.27	0.00	0.00	0.00
3,100.00	7.75	255.56	3,096.21	-29.97	-61.40	-29.54	0.00	0.00	0.00
3,200.00	7.75	255.56	3,195.29	-33.33	-74.46	-32.81	0.00	0.00	0.00
3,254.20	7.75	255.56	3,249.00	-35.16	-81.54	-34.59	0.00	0.00	0.00
Base Salt									
3,300.00	7.75	255.56	3,294.38	-36.70	-87.52	-36.08	0.00	0.00	0.00
3,400.00	7.75	255.56	3,393.47	-40.06	-100.57	-39.36	0.00	0.00	0.00
3,500.00	7.75	255.56	3,492.55	-43.42	-113.63	-42.63	0.00	0.00	0.00
3,529.72	7.75	255.56	3,522.00	-44.42	-117.51	-43.60	0.00	0.00	0.00
Yates									
3,600.00	7.75	255.56	3,591.64	-46.79	-126.69	-45.90	0.00	0.00	0.00
3,700.00	7.75	255.56	3,690.73	-50.15	-139.75	-49.17	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 703H
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 703H	**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	7.75	255.56	3,789.81	-53.51	-152.80	-52.44	0.00	0.00	0.00
3,900.00	7.75	255.56	3,888.90	-56.88	-165.86	-55.72	0.00	0.00	0.00
4,000.00	7.75	255.56	3,987.99	-60.24	-178.92	-58.99	0.00	0.00	0.00
4,077.72	7.75	255.56	4,065.00	-62.85	-189.07	-61.53	0.00	0.00	0.00
Seven Rivers									
4,100.00	7.75	255.56	4,087.07	-63.60	-191.98	-62.26	0.00	0.00	0.00
4,200.00	7.75	255.56	4,186.16	-66.97	-205.03	-65.53	0.00	0.00	0.00
4,300.00	7.75	255.56	4,285.25	-70.33	-218.09	-68.81	0.00	0.00	0.00
4,400.00	7.75	255.56	4,384.33	-73.69	-231.15	-72.08	0.00	0.00	0.00
4,500.00	7.75	255.56	4,483.42	-77.06	-244.21	-75.35	0.00	0.00	0.00
4,600.00	7.75	255.56	4,582.51	-80.42	-257.26	-78.62	0.00	0.00	0.00
4,669.12	7.75	255.56	4,651.00	-82.74	-266.29	-80.88	0.00	0.00	0.00
Queen									
4,700.00	7.75	255.56	4,681.59	-83.78	-270.32	-81.89	0.00	0.00	0.00
4,800.00	7.75	255.56	4,780.68	-87.15	-283.38	-85.17	0.00	0.00	0.00
4,900.00	7.75	255.56	4,879.77	-90.51	-296.44	-88.44	0.00	0.00	0.00
5,000.00	7.75	255.56	4,978.85	-93.87	-309.50	-91.71	0.00	0.00	0.00
5,100.00	7.75	255.56	5,077.94	-97.24	-322.55	-94.98	0.00	0.00	0.00
5,200.00	7.75	255.56	5,177.03	-100.60	-335.61	-98.25	0.00	0.00	0.00
5,300.00	7.75	255.56	5,276.11	-103.96	-348.67	-101.53	0.00	0.00	0.00
5,400.00	7.75	255.56	5,375.20	-107.33	-361.73	-104.80	0.00	0.00	0.00
5,500.00	7.75	255.56	5,474.29	-110.69	-374.78	-108.07	0.00	0.00	0.00
5,600.00	7.75	255.56	5,573.38	-114.05	-387.84	-111.34	0.00	0.00	0.00
5,700.00	7.75	255.56	5,672.46	-117.42	-400.90	-114.61	0.00	0.00	0.00
5,800.00	7.75	255.56	5,771.55	-120.78	-413.96	-117.89	0.00	0.00	0.00
5,900.00	7.75	255.56	5,870.64	-124.14	-427.01	-121.16	0.00	0.00	0.00
6,000.00	7.75	255.56	5,969.72	-127.51	-440.07	-124.43	0.00	0.00	0.00
6,100.00	7.75	255.56	6,068.81	-130.87	-453.13	-127.70	0.00	0.00	0.00
6,153.68	7.75	255.56	6,122.00	-132.67	-460.14	-129.46	0.00	0.00	0.00
Delaware Mtn Group									
6,200.00	7.75	255.56	6,167.90	-134.23	-466.19	-130.97	0.00	0.00	0.00
6,300.00	7.75	255.56	6,266.98	-137.60	-479.24	-134.25	0.00	0.00	0.00
6,400.00	7.75	255.56	6,366.07	-140.96	-492.30	-137.52	0.00	0.00	0.00
6,500.00	7.75	255.56	6,465.16	-144.32	-505.36	-140.79	0.00	0.00	0.00
6,600.00	7.75	255.56	6,564.24	-147.69	-518.42	-144.06	0.00	0.00	0.00
6,700.00	7.75	255.56	6,663.33	-151.05	-531.48	-147.33	0.00	0.00	0.00
6,800.00	7.75	255.56	6,762.42	-154.41	-544.53	-150.61	0.00	0.00	0.00
6,900.00	7.75	255.56	6,861.50	-157.78	-557.59	-153.88	0.00	0.00	0.00
7,000.00	7.75	255.56	6,960.59	-161.14	-570.65	-157.15	0.00	0.00	0.00
7,100.00	7.75	255.56	7,059.68	-164.50	-583.71	-160.42	0.00	0.00	0.00
7,200.00	7.75	255.56	7,158.76	-167.87	-596.76	-163.70	0.00	0.00	0.00
7,300.00	7.75	255.56	7,257.85	-171.23	-609.82	-166.97	0.00	0.00	0.00
7,400.00	7.75	255.56	7,356.94	-174.59	-622.88	-170.24	0.00	0.00	0.00
7,500.00	7.75	255.56	7,456.02	-177.96	-635.94	-173.51	0.00	0.00	0.00
7,600.00	7.75	255.56	7,555.11	-181.32	-648.99	-176.78	0.00	0.00	0.00
7,700.00	7.75	255.56	7,654.20	-184.68	-662.05	-180.06	0.00	0.00	0.00
7,800.00	7.75	255.56	7,753.28	-188.05	-675.11	-183.33	0.00	0.00	0.00
7,900.00	7.75	255.56	7,852.37	-191.41	-688.17	-186.60	0.00	0.00	0.00
8,000.00	7.75	255.56	7,951.46	-194.77	-701.23	-189.87	0.00	0.00	0.00
8,020.73	7.75	255.56	7,972.00	-195.47	-703.93	-190.55	0.00	0.00	0.00
Bone Spring Lime									
8,033.81	7.75	255.56	7,984.96	-195.91	-705.64	-190.98	0.00	0.00	0.00
Drop 1.5°/100'									
8,100.00	6.76	255.56	8,050.62	-197.99	-713.73	-193.01	1.50	-1.50	0.00

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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)
8,200.00	5.26	255.56	8,150.07	-200.60	-723.86	-195.55	1.50	-1.50	0.00
8,300.00	3.76	255.56	8,249.75	-202.56	-731.47	-197.45	1.50	-1.50	0.00
8,400.00	2.26	255.56	8,349.61	-203.87	-736.55	-198.72	1.50	-1.50	0.00
8,500.00	0.76	255.56	8,449.58	-204.53	-739.10	-199.36	1.50	-1.50	0.00
8,550.43	0.00	0.00	8,500.00	-204.61	-739.42	-199.44	1.50	-1.50	0.00
1970' Hold									
8,600.00	0.00	0.00	8,549.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
8,700.00	0.00	0.00	8,649.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
8,800.00	0.00	0.00	8,749.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
8,900.00	0.00	0.00	8,849.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,000.00	0.00	0.00	8,949.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,100.00	0.00	0.00	9,049.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,200.00	0.00	0.00	9,149.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,300.00	0.00	0.00	9,249.57	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,400.00	0.00	0.00	9,349.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,483.43	0.00	0.00	9,433.00	-204.61	-739.42	-199.44	0.00	0.00	0.00
First Bone Spring Sand									
9,500.00	0.00	0.00	9,449.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,600.00	0.00	0.00	9,549.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,700.00	0.00	0.00	9,649.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,766.43	0.00	0.00	9,716.00	-204.61	-739.42	-199.44	0.00	0.00	0.00
Second Bone Spring Carbonate									
9,800.00	0.00	0.00	9,749.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
9,900.00	0.00	0.00	9,849.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
10,000.00	0.00	0.00	9,949.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
10,069.43	0.00	0.00	10,019.00	-204.61	-739.42	-199.44	0.00	0.00	0.00
Second Bone Spring Sand									
10,100.00	0.00	0.00	10,049.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
10,200.00	0.00	0.00	10,149.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
10,300.00	0.00	0.00	10,249.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
10,400.00	0.00	0.00	10,349.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
10,500.00	0.00	0.00	10,449.58	-204.61	-739.42	-199.44	0.00	0.00	0.00
10,520.47	0.00	0.00	10,470.05	-204.61	-739.42	-199.44	0.00	0.00	0.00
Build 10°/100'									
10,550.00	2.95	359.60	10,499.56	-203.85	-739.43	-198.68	10.00	10.00	0.00
10,600.00	7.95	359.60	10,549.32	-199.10	-739.46	-193.93	10.00	10.00	0.00
10,622.97	10.25	359.60	10,572.00	-195.47	-739.48	-190.30	10.00	10.00	0.00
Third Bone Spring Carbonate									
10,650.00	12.95	359.60	10,598.47	-190.03	-739.52	-184.86	10.00	10.00	0.00
10,693.02	17.26	359.60	10,640.00	-178.82	-739.60	-173.66	10.00	10.00	0.00
Third Bone Spring Sand									
10,700.00	17.95	359.60	10,646.65	-176.71	-739.62	-171.54	10.00	10.00	0.00
10,750.00	22.95	359.60	10,693.48	-159.25	-739.74	-154.08	10.00	10.00	0.00
10,790.29	26.98	359.60	10,730.00	-142.24	-739.86	-137.08	10.00	10.00	0.00
PPP @ 10790.29' - 112' FSL & 2290' FEL - Wolfcamp									
10,800.00	27.95	359.60	10,738.62	-137.76	-739.89	-132.60	10.00	10.00	0.00
10,850.00	32.95	359.60	10,781.71	-112.43	-740.07	-107.26	10.00	10.00	0.00
10,865.00	34.45	359.60	10,794.18	-104.11	-740.13	-98.94	10.00	10.00	0.00
FTP @ 10865' - 150' FSL & 2290' FEL									
10,900.00	37.95	359.60	10,822.42	-83.44	-740.27	-78.27	10.00	10.00	0.00
10,950.00	42.95	359.60	10,860.46	-51.01	-740.50	-45.84	10.00	10.00	0.00
11,000.00	47.95	359.60	10,895.52	-15.39	-740.75	-10.22	10.00	10.00	0.00
11,050.00	52.95	359.60	10,927.35	23.15	-741.02	28.33	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 703H
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 703H	**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)
11,100.00	57.95	359.60	10,955.69	64.32	-741.31	69.50	10.00	10.00	0.00
11,150.00	62.95	359.60	10,980.34	107.81	-741.61	112.98	10.00	10.00	0.00
11,200.00	67.95	359.60	11,001.10	153.27	-741.93	158.45	10.00	10.00	0.00
11,250.00	72.95	359.60	11,017.83	200.37	-742.26	205.55	10.00	10.00	0.00
11,300.00	77.95	359.60	11,030.38	248.75	-742.60	253.93	10.00	10.00	0.00
11,350.00	82.95	359.60	11,038.67	298.05	-742.95	303.22	10.00	10.00	0.00
11,400.00	87.95	359.60	11,042.63	347.87	-743.30	353.05	10.00	10.00	0.00
11,420.47	90.00	359.60	11,043.00	368.33	-743.44	373.51	10.00	10.00	0.00
9854' Hold - HZ Target									
11,500.00	90.00	359.60	11,043.00	447.86	-744.00	453.05	0.00	0.00	0.00
11,600.00	90.00	359.60	11,043.00	547.86	-744.70	553.05	0.00	0.00	0.00
11,700.00	90.00	359.60	11,043.00	647.86	-745.40	653.05	0.00	0.00	0.00
11,800.00	90.00	359.60	11,043.00	747.86	-746.10	753.05	0.00	0.00	0.00
11,900.00	90.00	359.60	11,043.00	847.85	-746.81	853.05	0.00	0.00	0.00
12,000.00	90.00	359.60	11,043.00	947.85	-747.51	953.05	0.00	0.00	0.00
12,100.00	90.00	359.60	11,043.00	1,047.85	-748.21	1,053.05	0.00	0.00	0.00
12,200.00	90.00	359.60	11,043.00	1,147.85	-748.91	1,153.05	0.00	0.00	0.00
12,300.00	90.00	359.60	11,043.00	1,247.84	-749.61	1,253.05	0.00	0.00	0.00
12,400.00	90.00	359.60	11,043.00	1,347.84	-750.31	1,353.05	0.00	0.00	0.00
12,500.00	90.00	359.60	11,043.00	1,447.84	-751.02	1,453.05	0.00	0.00	0.00
12,600.00	90.00	359.60	11,043.00	1,547.84	-751.72	1,553.05	0.00	0.00	0.00
12,700.00	90.00	359.60	11,043.00	1,647.83	-752.42	1,653.05	0.00	0.00	0.00
12,800.00	90.00	359.60	11,043.00	1,747.83	-753.12	1,753.05	0.00	0.00	0.00
12,900.00	90.00	359.60	11,043.00	1,847.83	-753.82	1,853.05	0.00	0.00	0.00
13,000.00	90.00	359.60	11,043.00	1,947.83	-754.52	1,953.05	0.00	0.00	0.00
13,100.00	90.00	359.60	11,043.00	2,047.82	-755.23	2,053.05	0.00	0.00	0.00
13,200.00	90.00	359.60	11,043.00	2,147.82	-755.93	2,153.05	0.00	0.00	0.00
13,300.00	90.00	359.60	11,043.00	2,247.82	-756.63	2,253.05	0.00	0.00	0.00
13,400.00	90.00	359.60	11,043.00	2,347.82	-757.33	2,353.05	0.00	0.00	0.00
13,500.00	90.00	359.60	11,043.00	2,447.82	-758.03	2,453.05	0.00	0.00	0.00
13,600.00	90.00	359.60	11,043.00	2,547.81	-758.74	2,553.05	0.00	0.00	0.00
13,700.00	90.00	359.60	11,043.00	2,647.81	-759.44	2,653.05	0.00	0.00	0.00
13,800.00	90.00	359.60	11,043.00	2,747.81	-760.14	2,753.05	0.00	0.00	0.00
13,900.00	90.00	359.60	11,043.00	2,847.81	-760.84	2,853.05	0.00	0.00	0.00
14,000.00	90.00	359.60	11,043.00	2,947.80	-761.54	2,953.05	0.00	0.00	0.00
14,100.00	90.00	359.60	11,043.00	3,047.80	-762.24	3,053.05	0.00	0.00	0.00
14,200.00	90.00	359.60	11,043.00	3,147.80	-762.95	3,153.05	0.00	0.00	0.00
14,300.00	90.00	359.60	11,043.00	3,247.80	-763.65	3,253.05	0.00	0.00	0.00
14,400.00	90.00	359.60	11,043.00	3,347.79	-764.35	3,353.05	0.00	0.00	0.00
14,500.00	90.00	359.60	11,043.00	3,447.79	-765.05	3,453.05	0.00	0.00	0.00
14,600.00	90.00	359.60	11,043.00	3,547.79	-765.75	3,553.05	0.00	0.00	0.00
14,700.00	90.00	359.60	11,043.00	3,647.79	-766.45	3,653.05	0.00	0.00	0.00
14,800.00	90.00	359.60	11,043.00	3,747.78	-767.16	3,753.05	0.00	0.00	0.00
14,900.00	90.00	359.60	11,043.00	3,847.78	-767.86	3,853.05	0.00	0.00	0.00
15,000.00	90.00	359.60	11,043.00	3,947.78	-768.56	3,953.05	0.00	0.00	0.00
15,100.00	90.00	359.60	11,043.00	4,047.78	-769.26	4,053.05	0.00	0.00	0.00
15,200.00	90.00	359.60	11,043.00	4,147.77	-769.96	4,153.05	0.00	0.00	0.00
15,300.00	90.00	359.60	11,043.00	4,247.77	-770.66	4,253.05	0.00	0.00	0.00
15,400.00	90.00	359.60	11,043.00	4,347.77	-771.37	4,353.05	0.00	0.00	0.00
15,500.00	90.00	359.60	11,043.00	4,447.77	-772.07	4,453.05	0.00	0.00	0.00
15,600.00	90.00	359.60	11,043.00	4,547.76	-772.77	4,553.05	0.00	0.00	0.00
15,700.00	90.00	359.60	11,043.00	4,647.76	-773.47	4,653.05	0.00	0.00	0.00
15,800.00	90.00	359.60	11,043.00	4,747.76	-774.17	4,753.05	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 703H
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 703H	**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)
15,900.00	90.00	359.60	11,043.00	4,847.76	-774.87	4,853.05	0.00	0.00	0.00
16,000.00	90.00	359.60	11,043.00	4,947.75	-775.58	4,953.05	0.00	0.00	0.00
16,100.00	90.00	359.60	11,043.00	5,047.75	-776.28	5,053.05	0.00	0.00	0.00
16,200.00	90.00	359.60	11,043.00	5,147.75	-776.98	5,153.05	0.00	0.00	0.00
16,300.00	90.00	359.60	11,043.00	5,247.75	-777.68	5,253.05	0.00	0.00	0.00
16,400.00	90.00	359.60	11,043.00	5,347.74	-778.38	5,353.05	0.00	0.00	0.00
16,500.00	90.00	359.60	11,043.00	5,447.74	-779.09	5,453.05	0.00	0.00	0.00
16,600.00	90.00	359.60	11,043.00	5,547.74	-779.79	5,553.05	0.00	0.00	0.00
16,700.00	90.00	359.60	11,043.00	5,647.74	-780.49	5,653.05	0.00	0.00	0.00
16,800.00	90.00	359.60	11,043.00	5,747.73	-781.19	5,753.05	0.00	0.00	0.00
16,900.00	90.00	359.60	11,043.00	5,847.73	-781.89	5,853.05	0.00	0.00	0.00
17,000.00	90.00	359.60	11,043.00	5,947.73	-782.59	5,953.05	0.00	0.00	0.00
17,100.00	90.00	359.60	11,043.00	6,047.73	-783.30	6,053.05	0.00	0.00	0.00
17,200.00	90.00	359.60	11,043.00	6,147.72	-784.00	6,153.05	0.00	0.00	0.00
17,300.00	90.00	359.60	11,043.00	6,247.72	-784.70	6,253.05	0.00	0.00	0.00
17,400.00	90.00	359.60	11,043.00	6,347.72	-785.40	6,353.05	0.00	0.00	0.00
17,500.00	90.00	359.60	11,043.00	6,447.72	-786.10	6,453.05	0.00	0.00	0.00
17,600.00	90.00	359.60	11,043.00	6,547.71	-786.80	6,553.05	0.00	0.00	0.00
17,700.00	90.00	359.60	11,043.00	6,647.71	-787.51	6,653.05	0.00	0.00	0.00
17,800.00	90.00	359.60	11,043.00	6,747.71	-788.21	6,753.05	0.00	0.00	0.00
17,900.00	90.00	359.60	11,043.00	6,847.71	-788.91	6,853.05	0.00	0.00	0.00
18,000.00	90.00	359.60	11,043.00	6,947.70	-789.61	6,953.05	0.00	0.00	0.00
18,100.00	90.00	359.60	11,043.00	7,047.70	-790.31	7,053.05	0.00	0.00	0.00
18,200.00	90.00	359.60	11,043.00	7,147.70	-791.01	7,153.05	0.00	0.00	0.00
18,300.00	90.00	359.60	11,043.00	7,247.70	-791.72	7,253.05	0.00	0.00	0.00
18,400.00	90.00	359.60	11,043.00	7,347.69	-792.42	7,353.05	0.00	0.00	0.00
18,500.00	90.00	359.60	11,043.00	7,447.69	-793.12	7,453.05	0.00	0.00	0.00
18,600.00	90.00	359.60	11,043.00	7,547.69	-793.82	7,553.05	0.00	0.00	0.00
18,700.00	90.00	359.60	11,043.00	7,647.69	-794.52	7,653.05	0.00	0.00	0.00
18,800.00	90.00	359.60	11,043.00	7,747.68	-795.23	7,753.05	0.00	0.00	0.00
18,900.00	90.00	359.60	11,043.00	7,847.68	-795.93	7,853.05	0.00	0.00	0.00
19,000.00	90.00	359.60	11,043.00	7,947.68	-796.63	7,953.05	0.00	0.00	0.00
19,100.00	90.00	359.60	11,043.00	8,047.68	-797.33	8,053.05	0.00	0.00	0.00
19,200.00	90.00	359.60	11,043.00	8,147.67	-798.03	8,153.05	0.00	0.00	0.00
19,300.00	90.00	359.60	11,043.00	8,247.67	-798.73	8,253.05	0.00	0.00	0.00
19,400.00	90.00	359.60	11,043.00	8,347.67	-799.44	8,353.05	0.00	0.00	0.00
19,500.00	90.00	359.60	11,043.00	8,447.67	-800.14	8,453.05	0.00	0.00	0.00
19,600.00	90.00	359.60	11,043.00	8,547.67	-800.84	8,553.05	0.00	0.00	0.00
19,700.00	90.00	359.60	11,043.00	8,647.66	-801.54	8,653.05	0.00	0.00	0.00
19,800.00	90.00	359.60	11,043.00	8,747.66	-802.24	8,753.05	0.00	0.00	0.00
19,900.00	90.00	359.60	11,043.00	8,847.66	-802.94	8,853.05	0.00	0.00	0.00
20,000.00	90.00	359.60	11,043.00	8,947.66	-803.65	8,953.05	0.00	0.00	0.00
20,100.00	90.00	359.60	11,043.00	9,047.65	-804.35	9,053.05	0.00	0.00	0.00
20,200.00	90.00	359.60	11,043.00	9,147.65	-805.05	9,153.05	0.00	0.00	0.00
20,300.00	90.00	359.60	11,043.00	9,247.65	-805.75	9,253.05	0.00	0.00	0.00
20,400.00	90.00	359.60	11,043.00	9,347.65	-806.45	9,353.05	0.00	0.00	0.00
20,500.00	90.00	359.60	11,043.00	9,447.64	-807.15	9,453.05	0.00	0.00	0.00
20,600.00	90.00	359.60	11,043.00	9,547.64	-807.86	9,553.05	0.00	0.00	0.00
20,700.00	90.00	359.60	11,043.00	9,647.64	-808.56	9,653.05	0.00	0.00	0.00
20,800.00	90.00	359.60	11,043.00	9,747.64	-809.26	9,753.05	0.00	0.00	0.00
20,900.00	90.00	359.60	11,043.00	9,847.63	-809.96	9,853.05	0.00	0.00	0.00
21,000.00	90.00	359.60	11,043.00	9,947.63	-810.66	9,953.05	0.00	0.00	0.00
21,100.00	90.00	359.60	11,043.00	10,047.63	-811.36	10,053.05	0.00	0.00	0.00
21,200.00	90.00	359.60	11,043.00	10,147.63	-812.07	10,153.05	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 703H
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 703H	**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)
21,274.60	90.00	359.60	11,043.00	10,222.22	-812.59	10,227.64	0.00	0.00	0.00
TD at 21274.60									

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 703 - plan misses target center by 237.34usft at 10968.59usft MD (10873.85 TVD, -38.13 N, -740.59 E) - Point	0.00	0.00	11,043.00	-204.61	-739.42	586,684.03	815,188.95	32.609697	-103.443987
Treble State Com 703 - plan hits target center - Point	0.00	0.00	11,043.00	10,222.22	-812.59	597,110.86	815,115.78	32.638356	-103.443942

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
30.00	30.00	Cenozoic Alluvium (surface)			
1,809.00	1,809.00	Rustler			
2,076.00	2,076.00	Salado			
3,254.20	3,249.00	Base Salt			
3,529.72	3,522.00	Yates			
4,077.72	4,065.00	Seven Rivers			
4,669.12	4,651.00	Queen			
6,153.68	6,122.00	Delaware Mtn Group			
8,020.73	7,972.00	Bone Spring Lime			
9,483.43	9,433.00	First Bone Spring Sand			
9,766.43	9,716.00	Second Bone Spring Carbonate			
10,069.43	10,019.00	Second Bone Spring Sand			
10,622.97	10,572.00	Third Bone Spring Carbonate			
10,693.02	10,640.00	Third Bone Spring Sand			
10,790.29	10,730.00	Wolfcamp			
11,420.47	11,043.00	HZ Target			

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners
Planning Report

ALTITUDE ENERGY PARTNERS

Database:	DM Local	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2,300.00	2,300.00	0.00	0.00	Build 1.5°/100'
2,633.33	2,632.91	-10.28	-10.28	Build/Turn 1.5°/100'
2,918.37	2,916.24	-23.86	-37.68	5115' Hold
8,033.81	7,984.96	-195.91	-705.64	Drop 1.5°/100'
8,550.43	8,500.00	-204.61	-739.42	1970' Hold
10,520.47	10,470.05	-204.61	-739.42	Build 10°/100'
10,790.29	10,730.00	-142.24	-739.86	PPP @ 10790.29' - 112' FSL & 2290' FEL
10,865.00	10,794.18	-104.11	-740.13	FTP @ 10865' - 150' FSL & 2290' FEL
11,420.47	11,043.00	368.34	-743.44	9854' Hold
21,274.60	11,043.00	10,222.22	-812.59	TD at 21274.60

FRANKLIN MOUNTAIN ENERGY

Franklin Mountain Energy

Lea Co., NM (NAD-83)
Treble East Pad
Treble State Com 703H

OH
Plan 1

Anticollision Report

16 May, 2023

ALTITUDE ENERGY PARTNERS

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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	21,274.60	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	19,414.00	11,056.00	292.10	-274.96	0.515	Collision Risk Procedures
Sparrow 27 #001 - OH - OH						Out of range
Sparrow 27 #002 - OH - OH	17,871.55	11,028.49	294.20	-63.52	0.822	Collision Risk Procedures
Sparrow 27 #003 - OH - OH	20,734.00	11,067.55	191.67	-204.44	0.484	Collision Risk Procedures
Toro 27 #005 - OH - OH	19,174.77	11,049.40	261.89	-136.29	0.658	Collision Risk Procedures
Treble East Pad						
Treble State Com 303H - OH - Plan 1	2,666.60	2,674.11	103.70	90.78	8.026	CC, ES
Treble State Com 303H - OH - Plan 1	2,800.00	2,807.48	105.97	92.63	7.944	SF
Treble State Com 304H - OH - Plan 1	2,300.00	2,300.00	149.98	137.96	12.476	CC, ES
Treble State Com 304H - OH - Plan 1	2,500.00	2,499.91	153.75	141.17	12.225	SF
Treble State Com 503H - OH - Plan 1	6,600.00	6,596.31	56.72	26.84	1.898	Collision Risk Procedures
Treble State Com 503H - OH - Plan 1	6,700.00	6,695.40	52.32	24.92	1.909	Collision Risk Procedures
Treble State Com 503H - OH - Plan 1	6,781.97	6,776.62	51.14	25.01	1.957	Collision Risk Procedures
Treble State Com 504H - OH - Plan 1	3,147.19	3,143.41	30.91	16.71	2.177	CC, ES, SF
Treble State Com 603H - OH - Plan 1	3,328.20	3,323.40	30.89	15.10	1.957	Collision Risk Procedures
Treble State Com 604H - OH - Plan 1	2,334.15	2,334.55	20.35	8.25	1.681	Collision Risk Procedures
Treble State Com 704H - OH - Plan 1	2,300.00	2,300.00	25.00	12.98	2.080	CC, ES, SF
Treble State Com 803H - OH - Plan 1	2,345.40	2,347.20	173.03	161.02	14.413	CC, ES
Treble State Com 803H - OH - Plan 1	21,274.60	21,827.76	845.11	586.45	3.267	SF
Treble State Com 804H - OH - Plan 1	2,000.00	2,000.00	199.97	188.85	17.984	CC, ES
Treble State Com 804H - OH - Plan 1	2,200.00	2,190.08	204.85	193.11	17.447	SF

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
18,500.00	11,043.00	11,056.00	11,056.00	112.21	442.24	90.00	8,364.67	-507.45	960.44	471.58	488.86	1.965	Collision Risk Procedures Req.
18,600.00	11,043.00	11,056.00	11,056.00	113.61	442.24	90.00	8,364.67	-507.45	865.71	373.23	492.48	1.758	Collision Risk Procedures Req.
18,700.00	11,043.00	11,056.00	11,056.00	115.01	442.24	90.00	8,364.67	-507.45	772.32	275.33	496.98	1.554	Collision Risk Procedures Req.
18,800.00	11,043.00	11,056.00	11,056.00	116.41	442.24	90.00	8,364.67	-507.45	680.80	178.13	502.66	1.354	Collision Risk Procedures Req.
18,900.00	11,043.00	11,056.00	11,056.00	117.81	442.24	90.00	8,364.67	-507.45	592.02	82.09	509.94	1.161	Collision Risk Procedures Req.
19,000.00	11,043.00	11,056.00	11,056.00	119.21	442.24	90.00	8,364.67	-507.45	507.45	-11.88	519.33	0.977	Collision Risk Procedures Req.

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 703H
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 703H	**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
19,100.00	11,043.00	11,056.00	11,056.00	120.62	442.24	90.00	8,364.67	-507.45	429.55	-101.79	531.34	0.808	Collision Risk Procedures Req.
19,200.00	11,043.00	11,056.00	11,056.00	122.02	442.24	90.00	8,364.67	-507.45	362.66	-183.10	545.77	0.665	Collision Risk Procedures Req.
19,300.00	11,043.00	11,056.00	11,056.00	123.43	442.24	90.00	8,364.67	-507.45	313.90	-246.06	559.97	0.561	Collision Risk Procedures Req.
19,400.00	11,043.00	11,056.00	11,056.00	124.84	442.24	90.00	8,364.67	-507.45	292.48	-274.59	567.07	0.516	Collision Risk Procedures Req.
19,414.00	11,043.00	11,056.00	11,056.00	125.03	442.24	90.00	8,364.67	-507.45	292.10	-274.96	567.06	0.515	Collision Risk Procedures Req., CC
19,500.00	11,043.00	11,056.00	11,056.00	126.25	442.24	90.00	8,364.67	-507.45	304.23	-257.08	561.31	0.542	Collision Risk Procedures Req.
19,600.00	11,043.00	11,056.00	11,056.00	127.66	442.24	90.00	8,364.67	-507.45	345.78	-200.88	546.66	0.633	Collision Risk Procedures Req.
19,700.00	11,043.00	11,056.00	11,056.00	129.07	442.24	90.00	8,364.67	-507.45	408.14	-122.71	530.85	0.769	Collision Risk Procedures Req.
19,800.00	11,043.00	11,056.00	11,056.00	130.48	442.24	90.00	8,364.67	-507.45	483.31	-34.25	517.56	0.934	Collision Risk Procedures Req.
19,900.00	11,043.00	11,056.00	11,056.00	131.89	442.24	90.00	8,364.67	-507.45	566.21	58.94	507.28	1.116	Collision Risk Procedures Req.
20,000.00	11,043.00	11,056.00	11,056.00	133.30	442.24	90.00	8,364.67	-507.45	653.92	154.44	499.48	1.309	Collision Risk Procedures Req.
20,100.00	11,043.00	11,056.00	11,056.00	134.71	442.24	90.00	8,364.67	-507.45	744.73	251.17	493.56	1.509	Collision Risk Procedures Req.
20,200.00	11,043.00	11,056.00	11,056.00	136.13	442.24	90.00	8,364.67	-507.45	837.63	348.62	489.01	1.713	Collision Risk Procedures Req.
20,300.00	11,043.00	11,056.00	11,056.00	137.54	442.24	90.00	8,364.67	-507.45	932.01	446.52	485.49	1.920	Collision Risk Procedures Req.

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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
17,000.00	11,043.00	11,028.49	11,026.00	91.40	254.57	90.00	6,821.33	-494.51	919.87	623.96	295.91	3.109	
17,100.00	11,043.00	11,028.49	11,026.00	92.78	254.57	90.00	6,821.33	-494.51	825.75	526.61	299.14	2.760	
17,200.00	11,043.00	11,028.49	11,026.00	94.15	254.57	90.00	6,821.33	-494.51	733.17	430.00	303.18	2.418	
17,300.00	11,043.00	11,028.49	11,026.00	95.53	254.57	90.00	6,821.33	-494.51	642.83	334.52	308.31	2.085	
17,400.00	11,043.00	11,028.49	11,026.00	96.91	254.57	90.00	6,821.33	-494.51	555.81	240.89	314.92	1.765	Collision Risk Procedures Req.
17,500.00	11,043.00	11,028.49	11,026.00	98.29	254.57	90.00	6,821.33	-494.51	473.93	150.50	323.43	1.465	Collision Risk Procedures Req.
17,600.00	11,043.00	11,028.49	11,026.00	99.68	254.57	90.00	6,821.33	-494.51	400.37	66.28	334.10	1.198	Collision Risk Procedures Req.
17,700.00	11,043.00	11,028.49	11,026.00	101.06	254.57	90.00	6,821.33	-494.51	340.57	-5.52	346.09	0.984	Collision Risk Procedures Req.
17,800.00	11,043.00	11,028.49	11,026.00	102.45	254.57	90.00	6,821.33	-494.51	302.78	-52.98	355.76	0.851	Collision Risk Procedures Req.
17,871.55	11,043.00	11,028.49	11,026.00	103.45	254.57	90.00	6,821.33	-494.51	294.20	-63.52	357.72	0.822	Collision Risk Procedures Req., CC
17,900.00	11,043.00	11,028.49	11,026.00	103.84	254.57	90.00	6,821.33	-494.51	295.57	-61.36	356.93	0.828	Collision Risk Procedures Req.
18,000.00	11,043.00	11,028.49	11,026.00	105.23	254.57	90.00	6,821.33	-494.51	321.02	-27.12	348.14	0.922	Collision Risk Procedures Req.
18,100.00	11,043.00	11,028.49	11,026.00	106.62	254.57	90.00	6,821.33	-494.51	372.48	37.40	335.08	1.112	Collision Risk Procedures Req.
18,200.00	11,043.00	11,028.49	11,026.00	108.02	254.57	90.00	6,821.33	-494.51	440.94	118.06	322.88	1.366	Collision Risk Procedures Req.
18,300.00	11,043.00	11,028.49	11,026.00	109.41	254.57	90.00	6,821.33	-494.51	519.73	206.60	313.13	1.660	Collision Risk Procedures Req.
18,400.00	11,043.00	11,028.49	11,026.00	110.81	254.57	90.00	6,821.33	-494.51	604.82	299.11	305.71	1.978	Collision Risk Procedures Req.
18,500.00	11,043.00	11,028.49	11,026.00	112.21	254.57	90.00	6,821.33	-494.51	693.90	393.78	300.12	2.312	
18,600.00	11,043.00	11,028.49	11,026.00	113.61	254.57	90.00	6,821.33	-494.51	785.61	489.72	295.89	2.655	
18,700.00	11,043.00	11,028.49	11,026.00	115.01	254.57	90.00	6,821.33	-494.51	879.13	586.47	292.66	3.004	
18,800.00	11,043.00	11,028.49	11,026.00	116.41	254.57	90.00	6,821.33	-494.51	973.94	683.78	290.16	3.357	

Altitude Energy Partners

Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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
19,800.00	11,043.00	11,077.59	11,076.10	130.48	252.78	93.02	9,683.71	-617.14	954.23	659.88	294.35	3.242	
19,900.00	11,043.00	11,076.46	11,074.97	131.89	252.75	92.68	9,683.72	-617.14	856.51	559.48	297.02	2.884	
20,000.00	11,043.00	11,075.33	11,073.84	133.30	252.73	92.34	9,683.73	-617.14	759.38	458.94	300.44	2.528	
20,100.00	11,043.00	11,074.23	11,072.74	134.71	252.71	92.01	9,683.74	-617.14	663.10	358.20	304.90	2.175	
20,200.00	11,043.00	11,073.13	11,071.64	136.13	252.69	91.69	9,683.75	-617.14	568.11	257.18	310.93	1.827	Collision Risk Procedures Req.
20,300.00	11,043.00	11,072.06	11,070.57	137.54	252.67	91.37	9,683.77	-617.14	475.18	155.84	319.34	1.488	Collision Risk Procedures Req.
20,400.00	11,043.00	11,070.99	11,069.51	138.96	252.65	91.05	9,683.78	-617.14	385.79	54.32	331.47	1.164	Collision Risk Procedures Req.
20,500.00	11,043.00	11,069.95	11,068.46	140.37	252.63	90.73	9,683.79	-617.14	303.11	-46.20	349.30	0.868	Collision Risk Procedures Req.
20,600.00	11,043.00	11,068.91	11,067.42	141.79	252.61	90.42	9,683.80	-617.14	234.34	-139.42	373.75	0.627	Collision Risk Procedures Req.
20,700.00	11,043.00	11,067.89	11,066.40	143.21	252.59	90.12	9,683.81	-617.14	194.80	-199.94	394.74	0.493	Collision Risk Procedures Req.
20,734.00	11,043.00	11,067.55	11,066.06	143.69	252.59	90.02	9,683.81	-617.14	191.67	-204.44	396.11	0.484	Collision Risk Procedures Req., CC
20,800.00	11,043.00	11,066.88	11,065.39	144.63	252.58	89.82	9,683.82	-617.14	202.44	-184.68	387.12	0.523	Collision Risk Procedures Req.
20,900.00	11,043.00	11,065.89	11,064.40	146.04	252.56	89.52	9,683.83	-617.14	253.01	-106.46	359.46	0.704	Collision Risk Procedures Req.
21,000.00	11,043.00	11,064.90	11,063.42	147.46	252.54	89.23	9,683.84	-617.14	327.18	-8.32	335.49	0.975	Collision Risk Procedures Req.
21,100.00	11,043.00	11,063.93	11,062.45	148.88	252.52	88.94	9,683.85	-617.14	412.40	93.15	319.25	1.292	Collision Risk Procedures Req.
21,200.00	11,043.00	11,062.98	11,061.49	150.30	252.50	88.65	9,683.86	-617.14	503.09	194.57	308.52	1.631	Collision Risk Procedures Req.
21,274.60	11,043.00	11,062.27	11,060.78	151.36	252.49	88.44	9,683.86	-617.14	572.76	269.90	302.86	1.891	Collision Risk Procedures Req.

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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
18,300.00	11,043.00	11,049.40	11,046.00	109.41	276.76	90.00	8,124.29	-535.97	913.13	592.20	320.94	2.845	
18,400.00	11,043.00	11,049.40	11,046.00	110.81	276.76	90.00	8,124.29	-535.97	817.84	493.41	324.43	2.521	
18,500.00	11,043.00	11,049.40	11,046.00	112.21	276.76	90.00	8,124.29	-535.97	723.81	394.97	328.85	2.201	
18,600.00	11,043.00	11,049.40	11,046.00	113.61	276.76	90.00	8,124.29	-535.97	631.62	297.09	334.54	1.888	Collision Risk Procedures Req.
18,700.00	11,043.00	11,049.40	11,046.00	115.01	276.76	90.00	8,124.29	-535.97	542.21	200.20	342.01	1.585	Collision Risk Procedures Req.
18,800.00	11,043.00	11,049.40	11,046.00	116.41	276.76	90.00	8,124.29	-535.97	457.21	105.27	351.93	1.299	Collision Risk Procedures Req.
18,900.00	11,043.00	11,049.40	11,046.00	117.81	276.76	90.00	8,124.29	-535.97	379.59	14.62	364.97	1.040	Collision Risk Procedures Req.
19,000.00	11,043.00	11,049.40	11,046.00	119.21	276.76	90.00	8,124.29	-535.97	314.85	-65.88	380.73	0.827	Collision Risk Procedures Req.
19,100.00	11,043.00	11,049.40	11,046.00	120.62	276.76	90.00	8,124.29	-535.97	272.35	-122.40	394.76	0.690	Collision Risk Procedures Req.
19,174.77	11,043.00	11,049.40	11,046.00	121.67	276.76	90.00	8,124.29	-535.97	261.89	-136.29	398.18	0.658	Collision Risk Procedures Req., CC
19,200.00	11,043.00	11,049.40	11,046.00	122.02	276.76	90.00	8,124.29	-535.97	263.10	-134.17	397.27	0.662	Collision Risk Procedures Req.
19,300.00	11,043.00	11,049.40	11,046.00	123.43	276.76	90.00	8,124.29	-535.97	290.29	-94.84	385.13	0.754	Collision Risk Procedures Req.
19,400.00	11,043.00	11,049.40	11,046.00	124.84	276.76	90.00	8,124.29	-535.97	345.41	-22.25	367.67	0.939	Collision Risk Procedures Req.
19,500.00	11,043.00	11,049.40	11,046.00	126.25	276.76	90.00	8,124.29	-535.97	417.56	65.26	352.30	1.185	Collision Risk Procedures Req.
19,600.00	11,043.00	11,049.40	11,046.00	127.66	276.76	90.00	8,124.29	-535.97	499.40	158.78	340.62	1.466	Collision Risk Procedures Req.
19,700.00	11,043.00	11,049.40	11,046.00	129.07	276.76	90.00	8,124.29	-535.97	586.90	254.86	332.04	1.768	Collision Risk Procedures Req.
19,800.00	11,043.00	11,049.40	11,046.00	130.48	276.76	90.00	8,124.29	-535.97	677.86	352.13	325.73	2.081	
19,900.00	11,043.00	11,049.40	11,046.00	131.89	276.76	90.00	8,124.29	-535.97	771.06	450.03	321.03	2.402	
20,000.00	11,043.00	11,049.40	11,046.00	133.30	276.76	90.00	8,124.29	-535.97	865.78	548.29	317.50	2.727	
20,100.00	11,043.00	11,049.40	11,046.00	134.71	276.76	90.00	8,124.29	-535.97	961.58	646.78	314.80	3.055	

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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	0.78	124.98	124.98				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	0.78	124.98	124.98	123.40	1.58	78.895	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	0.78	124.98	124.98	122.08	2.90	43.108	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	0.78	124.98	124.98	121.19	3.79	32.987	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	0.78	124.98	124.98	120.47	4.51	27.700	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	0.78	124.98	124.98	119.84	5.14	24.318	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	0.78	124.98	124.98	119.28	5.70	21.916	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	0.78	124.98	124.98	118.76	6.22	20.095	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	0.78	124.98	124.98	118.28	6.70	18.652	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	0.78	124.98	124.98	117.83	7.15	17.472	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.64	0.78	124.98	124.98	117.40	7.58	16.483	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.64	0.78	124.98	124.98	116.99	7.99	15.639	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.64	0.78	124.98	124.98	116.60	8.38	14.907	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.64	0.78	124.98	124.98	116.22	8.76	14.264	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.64	0.78	124.98	124.98	115.85	9.13	13.693	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.64	0.78	124.98	124.98	115.50	9.48	13.182	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.64	0.78	124.98	124.98	115.16	9.83	12.720	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.64	0.78	124.98	124.98	114.82	10.16	12.301	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.64	0.78	124.98	124.98	114.50	10.49	11.917	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.64	0.78	124.98	124.98	114.18	10.81	11.565	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	0.78	124.98	124.98	113.86	11.12	11.240	
2,100.00	2,100.00	2,102.62	2,102.61	5.71	5.73	90.03	-0.07	123.90	123.93	112.50	11.43	10.841	
2,200.00	2,200.00	2,205.09	2,205.00	5.86	5.90	91.25	-2.64	120.67	120.80	109.08	11.72	10.305	
2,300.00	2,300.00	2,307.27	2,306.94	6.01	6.08	93.42	-6.89	115.30	115.71	103.71	12.01	9.638	
2,400.00	2,399.99	2,407.67	2,406.96	6.17	6.19	-129.12	-12.32	108.44	110.18	97.96	12.22	9.018	
2,500.00	2,499.91	2,507.55	2,506.44	6.32	6.38	-127.48	-17.79	101.53	106.38	93.89	12.48	8.521	
2,600.00	2,599.69	2,607.51	2,606.02	6.48	6.59	-126.87	-23.28	94.62	104.21	91.45	12.77	8.163	
2,633.33	2,632.91	2,640.84	2,639.22	6.50	6.66	-126.92	-25.10	92.31	103.84	91.01	12.84	8.090	
2,666.60	2,666.05	2,674.11	2,672.36	6.54	6.74	-132.03	-26.93	90.01	103.70	90.78	12.92	8.026	CC, ES
2,700.00	2,699.30	2,707.51	2,705.63	6.58	6.81	-136.70	-28.76	87.70	103.85	90.84	13.01	7.984	
2,800.00	2,798.77	2,807.48	2,805.21	6.76	7.05	-147.93	-34.24	80.78	105.97	92.63	13.34	7.944	SF
2,900.00	2,898.03	2,907.37	2,904.71	6.97	7.30	-155.72	-39.72	73.87	110.63	96.93	13.70	8.074	
2,918.37	2,916.24	2,925.70	2,922.97	6.99	7.35	-156.86	-40.72	72.60	111.76	98.01	13.76	8.125	
3,000.00	2,997.12	3,007.16	3,004.11	7.17	7.56	-156.40	-45.19	66.96	117.00	102.94	14.06	8.320	
3,100.00	3,096.21	3,106.95	3,103.51	7.40	7.84	-155.88	-50.66	60.05	123.42	108.96	14.46	8.533	
3,200.00	3,195.29	3,206.74	3,202.90	7.66	8.12	-155.42	-56.13	53.15	129.85	114.96	14.88	8.724	
3,300.00	3,294.38	3,306.52	3,302.30	7.93	8.41	-155.00	-61.60	46.24	136.29	120.96	15.32	8.895	
3,400.00	3,393.47	3,406.31	3,401.70	8.21	8.71	-154.62	-67.07	39.34	142.73	126.96	15.78	9.048	
3,500.00	3,492.55	3,506.10	3,501.10	8.51	9.01	-154.27	-72.54	32.43	149.18	132.94	16.24	9.185	
3,600.00	3,591.64	3,605.89	3,600.50	8.82	9.32	-153.95	-78.01	25.53	155.64	138.92	16.72	9.308	
3,700.00	3,690.73	3,705.68	3,699.89	9.13	9.64	-153.66	-83.48	18.62	162.10	144.89	17.21	9.418	
3,800.00	3,789.81	3,805.46	3,799.29	9.46	9.96	-153.38	-88.95	11.72	168.56	150.85	17.71	9.517	
3,900.00	3,888.90	3,905.25	3,898.69	9.79	10.29	-153.13	-94.42	4.81	175.03	156.81	18.22	9.606	
4,000.00	3,987.99	4,005.04	3,998.09	10.14	10.62	-152.90	-99.89	-2.09	181.50	162.76	18.74	9.685	
4,100.00	4,087.07	4,104.83	4,097.49	10.48	10.95	-152.68	-105.37	-9.00	187.97	168.71	19.26	9.757	
4,200.00	4,186.16	4,204.61	4,196.88	10.84	11.29	-152.48	-110.84	-15.91	194.45	174.65	19.80	9.822	
4,300.00	4,285.25	4,304.40	4,296.28	11.20	11.63	-152.29	-116.31	-22.81	200.92	180.59	20.34	9.880	
4,400.00	4,384.33	4,404.19	4,395.68	11.56	11.98	-152.11	-121.78	-29.72	207.40	186.52	20.88	9.933	
4,500.00	4,483.42	4,503.98	4,495.08	11.93	12.32	-151.94	-127.25	-36.62	213.89	192.46	21.43	9.981	
4,600.00	4,582.51	4,603.77	4,594.48	12.31	12.67	-151.79	-132.72	-43.53	220.37	198.39	21.98	10.024	
4,700.00	4,681.59	4,703.55	4,693.88	12.68	13.02	-151.64	-138.19	-50.43	226.85	204.31	22.54	10.063	
4,800.00	4,780.68	4,803.34	4,793.27	13.06	13.38	-151.50	-143.66	-57.34	233.34	210.24	23.11	10.099	

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 703H
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 703H	**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	4,879.77	4,903.13	4,892.67	13.44	13.73	-151.37	-149.13	-64.24	239.83	216.16	23.67	10.132	
5,000.00	4,978.85	5,002.92	4,992.07	13.83	14.09	-151.24	-154.60	-71.15	246.32	222.08	24.24	10.161	
5,100.00	5,077.94	5,102.71	5,091.47	14.22	14.45	-151.12	-160.07	-78.05	252.81	227.99	24.81	10.188	
5,200.00	5,177.03	5,202.49	5,190.87	14.61	14.81	-151.01	-165.55	-84.96	259.30	233.91	25.39	10.212	
5,300.00	5,276.11	5,302.28	5,290.26	15.00	15.17	-150.90	-171.02	-91.86	265.79	239.82	25.97	10.235	
5,400.00	5,375.20	5,402.07	5,389.66	15.40	15.53	-150.80	-176.49	-98.77	272.28	245.73	26.55	10.255	
5,500.00	5,474.29	5,501.86	5,489.06	15.80	15.90	-150.70	-181.96	-105.68	278.78	251.64	27.13	10.274	
5,600.00	5,573.38	5,601.64	5,588.46	16.19	16.26	-150.61	-187.43	-112.58	285.27	257.55	27.72	10.291	
5,700.00	5,672.46	5,700.00	5,686.44	16.59	16.61	-150.53	-192.78	-119.33	291.81	263.53	28.28	10.319	
5,800.00	5,771.55	5,795.62	5,781.82	17.00	16.95	-150.72	-196.91	-124.55	299.43	270.53	28.90	10.362	
5,900.00	5,870.64	5,890.59	5,876.70	17.40	17.26	-151.26	-199.55	-127.87	308.56	279.00	29.55	10.440	
6,000.00	5,969.72	5,985.13	5,971.21	17.80	17.51	-152.10	-200.71	-129.35	319.23	289.00	30.23	10.559	
6,100.00	6,068.81	6,082.72	6,068.81	18.21	17.59	-153.16	-200.78	-129.43	331.16	300.28	30.88	10.724	
6,200.00	6,167.90	6,181.81	6,167.90	18.62	17.63	-154.17	-200.78	-129.43	343.27	311.76	31.51	10.895	
6,300.00	6,266.98	6,280.90	6,266.98	19.02	17.68	-155.12	-200.78	-129.43	355.47	323.35	32.12	11.067	
6,400.00	6,366.07	6,379.99	6,366.07	19.43	17.72	-156.00	-200.78	-129.43	367.77	335.04	32.73	11.238	
6,500.00	6,465.16	6,479.07	6,465.16	19.84	17.76	-156.83	-200.78	-129.43	380.14	346.82	33.32	11.409	
6,600.00	6,564.24	6,578.16	6,564.24	20.25	17.80	-157.60	-200.78	-129.43	392.59	358.68	33.91	11.578	
6,700.00	6,663.33	6,677.25	6,663.33	20.67	17.84	-158.32	-200.78	-129.43	405.11	370.62	34.49	11.747	
6,800.00	6,762.42	6,776.33	6,762.42	21.08	17.88	-159.01	-200.78	-129.43	417.68	382.62	35.06	11.913	
6,900.00	6,861.50	6,875.42	6,861.50	21.49	17.92	-159.65	-200.78	-129.43	430.31	394.68	35.63	12.079	
7,000.00	6,960.59	6,974.51	6,960.59	21.90	17.96	-160.26	-200.78	-129.43	442.99	406.80	36.19	12.242	
7,100.00	7,059.68	7,073.59	7,059.68	22.32	18.01	-160.83	-200.78	-129.43	455.72	418.98	36.74	12.403	
7,200.00	7,158.76	7,172.68	7,158.76	22.73	18.05	-161.37	-200.78	-129.43	468.49	431.19	37.29	12.563	
7,300.00	7,257.85	7,271.77	7,257.85	23.15	18.09	-161.88	-200.78	-129.43	481.29	443.46	37.84	12.720	
7,400.00	7,356.94	7,370.85	7,356.94	23.57	18.13	-162.37	-200.78	-129.43	494.14	455.76	38.38	12.875	
7,500.00	7,456.02	7,469.94	7,456.02	23.98	18.18	-162.83	-200.78	-129.43	507.02	468.10	38.92	13.027	
7,600.00	7,555.11	7,569.03	7,555.11	24.40	18.22	-163.27	-200.78	-129.43	519.92	480.47	39.45	13.178	
7,700.00	7,654.20	7,668.11	7,654.20	24.82	18.27	-163.68	-200.78	-129.43	532.86	492.87	39.99	13.326	
7,800.00	7,753.28	7,767.20	7,753.28	25.24	18.31	-164.08	-200.78	-129.43	545.82	505.31	40.52	13.472	
7,900.00	7,852.37	7,866.29	7,852.37	25.66	18.35	-164.46	-200.78	-129.43	558.81	517.77	41.04	13.616	
8,000.00	7,951.46	7,965.37	7,951.46	26.07	18.40	-164.82	-200.78	-129.43	571.82	530.26	41.57	13.757	
8,033.81	7,984.96	7,998.87	7,984.96	26.21	18.41	-164.94	-200.78	-129.43	576.23	534.49	41.74	13.806	
8,100.00	8,050.62	8,064.53	8,050.62	26.48	18.44	-165.18	-200.78	-129.43	584.30	542.24	42.07	13.889	
8,200.00	8,150.07	8,163.98	8,150.07	26.88	18.49	-165.48	-200.78	-129.43	594.43	551.87	42.56	13.967	
8,300.00	8,249.75	8,263.67	8,249.75	27.26	18.54	-165.70	-200.78	-129.43	602.04	559.03	43.01	13.997	
8,400.00	8,349.61	8,363.53	8,349.61	27.61	18.58	-165.84	-200.78	-129.43	607.13	563.70	43.42	13.982	
8,500.00	8,449.58	8,463.49	8,449.58	27.90	18.63	-165.91	-200.78	-129.43	609.67	565.91	43.77	13.930	
8,550.43	8,500.00	8,513.92	8,500.00	27.96	18.65	89.64	-200.78	-129.43	610.00	566.14	43.86	13.909	
8,600.00	8,549.57	8,563.49	8,549.57	27.97	18.67	89.64	-200.78	-129.43	610.00	566.11	43.89	13.899	
8,700.00	8,649.57	8,663.49	8,649.57	27.99	18.72	89.64	-200.78	-129.43	610.00	566.03	43.97	13.874	
8,800.00	8,749.57	8,763.49	8,749.57	28.02	18.77	89.64	-200.78	-129.43	610.00	565.95	44.05	13.849	
8,900.00	8,849.57	8,863.49	8,849.57	28.05	18.81	89.64	-200.78	-129.43	610.00	565.87	44.13	13.823	
8,988.61	8,938.18	8,952.11	8,938.19	28.08	18.83	89.63	-200.65	-129.44	610.00	565.81	44.19	13.805	
9,000.00	8,949.57	8,963.50	8,949.57	28.08	18.83	89.59	-200.30	-129.44	610.00	565.80	44.20	13.801	
9,004.45	8,954.02	8,967.94	8,954.01	28.08	18.82	89.58	-200.10	-129.44	610.00	565.79	44.20	13.800	
9,100.00	9,049.57	9,061.72	9,046.89	28.11	18.71	88.43	-187.89	-129.53	610.13	565.71	44.42	13.735	
9,200.00	9,149.57	9,153.24	9,134.43	28.14	18.56	85.96	-161.54	-129.71	611.42	566.68	44.74	13.666	
9,300.00	9,249.57	9,234.68	9,207.93	28.17	18.42	82.71	-126.64	-129.96	615.84	570.87	44.97	13.694	
9,400.00	9,349.58	9,304.90	9,266.80	28.19	18.31	79.20	-88.44	-130.22	625.67	580.71	44.97	13.915	
9,500.00	9,449.58	9,364.38	9,312.70	28.22	18.24	75.81	-50.65	-130.49	642.83	598.18	44.65	14.397	
9,600.00	9,549.58	9,414.39	9,348.09	28.25	18.20	72.73	-15.33	-130.74	668.52	624.47	44.05	15.178	

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 703H
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 703H	**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
9,700.00	9,649.58	9,450.00	9,371.34	28.28	18.17	70.44	11.63	-130.93	703.16	659.98	43.18	16.284	
9,800.00	9,749.58	9,500.00	9,401.07	28.31	18.16	67.14	51.81	-131.21	746.41	703.99	42.42	17.595	
9,900.00	9,849.58	9,522.01	9,413.02	28.34	18.17	65.67	70.29	-131.34	797.44	755.94	41.50	19.214	
10,000.00	9,949.58	9,550.00	9,427.18	28.37	18.18	63.81	94.43	-131.51	855.50	814.74	40.75	20.993	
10,100.00	10,049.58	9,569.95	9,436.55	28.41	18.20	62.48	112.04	-131.63	919.50	879.38	40.12	22.921	
10,200.00	10,149.58	9,600.00	9,449.48	28.44	18.22	60.50	139.16	-131.82	988.68	949.01	39.67	24.923	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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)	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	0.94	149.98	149.98				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	0.94	149.98	149.98	148.40	1.58	94.677	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	0.94	149.98	149.98	147.08	2.90	51.731	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	0.94	149.98	149.98	146.19	3.79	39.586	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	0.94	149.98	149.98	145.47	4.51	33.241	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	0.94	149.98	149.98	144.84	5.14	29.183	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	0.94	149.98	149.98	144.28	5.70	26.300	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	0.94	149.98	149.98	143.76	6.22	24.114	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	0.94	149.98	149.98	143.28	6.70	22.383	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	0.94	149.98	149.98	142.83	7.15	20.967	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	89.64	0.94	149.98	149.98	142.40	7.58	19.781	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	89.64	0.94	149.98	149.98	141.99	7.99	18.767	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	89.64	0.94	149.98	149.98	141.60	8.38	17.889	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	89.64	0.94	149.98	149.98	141.22	8.76	17.117	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	89.64	0.94	149.98	149.98	140.86	9.13	16.432	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	89.64	0.94	149.98	149.98	140.50	9.48	15.818	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	89.64	0.94	149.98	149.98	140.16	9.83	15.265	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	89.64	0.94	149.98	149.98	139.82	10.16	14.761	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	89.64	0.94	149.98	149.98	139.50	10.49	14.301	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	89.64	0.94	149.98	149.98	139.18	10.81	13.879	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	0.94	149.98	149.98	138.86	11.12	13.488	
2,100.00	2,100.00	2,100.00	2,100.00	5.71	5.71	89.64	0.94	149.98	149.98	138.56	11.43	13.127	
2,200.00	2,200.00	2,200.00	2,200.00	5.86	5.86	89.64	0.94	149.98	149.98	138.26	11.73	12.790	
2,300.00	2,300.00	2,300.00	2,300.00	6.01	6.01	89.64	0.94	149.98	149.98	137.96	12.02	12.476	CC, ES
2,400.00	2,399.99	2,399.99	2,399.99	6.17	6.16	-135.70	0.94	149.98	150.92	138.61	12.31	12.262	
2,500.00	2,499.91	2,499.91	2,499.91	6.32	6.30	-136.69	0.94	149.98	153.75	141.17	12.58	12.225	SF
2,600.00	2,599.69	2,595.86	2,595.85	6.48	6.46	-138.31	1.35	151.11	159.78	146.91	12.87	12.415	
2,633.33	2,632.91	2,627.70	2,627.67	6.50	6.51	-139.00	1.67	151.99	162.79	149.85	12.94	12.583	
2,700.00	2,699.30	2,691.12	2,691.04	6.58	6.62	-150.09	2.58	154.47	170.42	157.32	13.10	13.007	
2,800.00	2,798.77	2,785.95	2,785.69	6.76	6.77	-162.98	3.88	160.01	185.83	172.42	13.41	13.854	
2,900.00	2,898.03	2,879.82	2,879.25	6.97	6.93	-171.85	4.26	167.62	205.65	191.89	13.77	14.939	
2,918.37	2,916.24	2,896.93	2,896.29	6.99	6.96	-173.14	4.23	169.23	209.76	195.94	13.82	15.180	
3,000.00	2,997.12	2,972.54	2,971.48	7.17	7.11	-173.05	3.73	177.20	229.01	214.88	14.12	16.214	
3,100.00	3,096.21	3,064.28	3,062.48	7.40	7.31	-172.72	2.32	188.69	254.41	239.88	14.53	17.515	
3,200.00	3,195.29	3,154.94	3,152.13	7.66	7.52	-172.21	0.06	202.01	281.80	266.85	14.95	18.849	
3,300.00	3,294.38	3,244.51	3,240.36	7.93	7.71	-171.59	-3.01	217.08	311.18	295.82	15.36	20.262	
3,400.00	3,393.47	3,339.72	3,333.97	8.21	7.92	-170.95	-6.72	234.09	341.55	325.71	15.84	21.568	
3,500.00	3,492.55	3,434.94	3,427.58	8.51	8.18	-170.41	-10.42	251.11	371.95	355.58	16.37	22.722	
3,600.00	3,591.64	3,530.15	3,521.19	8.82	8.44	-169.96	-14.12	268.12	402.37	385.44	16.93	23.770	
3,700.00	3,690.73	3,625.36	3,614.80	9.13	8.73	-169.56	-17.83	285.13	432.81	415.31	17.51	24.720	
3,800.00	3,789.81	3,720.58	3,708.40	9.46	9.02	-169.22	-21.53	302.14	463.27	445.16	18.11	25.579	
3,900.00	3,888.90	3,815.79	3,802.01	9.79	9.33	-168.93	-25.23	319.15	493.75	475.01	18.73	26.357	
4,000.00	3,987.99	3,911.01	3,895.62	10.14	9.64	-168.66	-28.93	336.16	524.23	504.86	19.37	27.061	
4,100.00	4,087.07	4,006.22	3,989.23	10.48	9.97	-168.43	-32.64	353.17	554.72	534.70	20.03	27.699	
4,200.00	4,186.16	4,101.44	4,082.84	10.84	10.30	-168.22	-36.34	370.18	585.22	564.53	20.70	28.278	
4,300.00	4,285.25	4,196.65	4,176.45	11.20	10.65	-168.03	-40.04	387.19	615.73	594.35	21.38	28.803	
4,400.00	4,384.33	4,291.86	4,270.06	11.56	11.00	-167.86	-43.74	404.20	646.24	624.17	22.07	29.281	
4,500.00	4,483.42	4,387.08	4,363.67	11.93	11.35	-167.70	-47.45	421.22	676.76	653.99	22.77	29.716	
4,600.00	4,582.51	4,482.29	4,457.28	12.31	11.71	-167.56	-51.15	438.23	707.28	683.79	23.49	30.113	
4,700.00	4,681.59	4,577.51	4,550.89	12.68	12.08	-167.43	-54.85	455.24	737.81	713.60	24.21	30.475	
4,800.00	4,780.68	4,672.72	4,644.50	13.06	12.45	-167.30	-58.55	472.25	768.33	743.39	24.94	30.807	
4,900.00	4,879.77	4,767.94	4,738.11	13.44	12.83	-167.19	-62.26	489.26	798.87	773.19	25.68	31.111	

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 703H
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 703H	**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
5,000.00	4,978.85	4,863.15	4,831.71	13.83	13.21	-167.09	-65.96	506.27	829.40	802.98	26.42	31.390	
5,100.00	5,077.94	4,958.36	4,925.32	14.22	13.59	-166.99	-69.66	523.28	859.94	832.76	27.17	31.647	
5,200.00	5,177.03	5,053.58	5,018.93	14.61	13.98	-166.91	-73.36	540.29	890.47	862.54	27.93	31.884	
5,300.00	5,276.11	5,148.79	5,112.54	15.00	14.37	-166.82	-77.07	557.30	921.01	892.32	28.69	32.102	
5,400.00	5,375.20	5,244.01	5,206.15	15.40	14.76	-166.74	-80.77	574.31	951.55	922.10	29.46	32.304	
5,500.00	5,474.29	5,339.22	5,299.76	15.80	15.15	-166.67	-84.47	591.33	982.10	951.87	30.23	32.491	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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	-0.63	-99.98	99.98				
100.00	100.00	100.00	100.00	0.79	0.79	-90.36	-0.63	-99.98	99.98	98.40	1.58	63.114	
200.00	200.00	200.00	200.00	1.45	1.45	-90.36	-0.63	-99.98	99.98	97.08	2.90	34.485	
300.00	300.00	300.00	300.00	1.89	1.89	-90.36	-0.63	-99.98	99.98	96.19	3.79	26.389	
400.00	400.00	400.00	400.00	2.26	2.26	-90.36	-0.63	-99.98	99.98	95.47	4.51	22.159	
500.00	500.00	500.00	500.00	2.57	2.57	-90.36	-0.63	-99.98	99.98	94.84	5.14	19.454	
600.00	600.00	600.00	600.00	2.85	2.85	-90.36	-0.63	-99.98	99.98	94.28	5.70	17.532	
700.00	700.00	700.00	700.00	3.11	3.11	-90.36	-0.63	-99.98	99.98	93.76	6.22	16.075	
800.00	800.00	800.00	800.00	3.35	3.35	-90.36	-0.63	-99.98	99.98	93.28	6.70	14.921	
900.00	900.00	900.00	900.00	3.58	3.58	-90.36	-0.63	-99.98	99.98	92.83	7.15	13.977	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	-90.36	-0.63	-99.98	99.98	92.40	7.58	13.186	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	-90.36	-0.63	-99.98	99.98	91.99	7.99	12.511	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	-90.36	-0.63	-99.98	99.98	91.60	8.38	11.925	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	-90.36	-0.63	-99.98	99.98	91.22	8.76	11.411	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	-90.36	-0.63	-99.98	99.98	90.85	9.13	10.954	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	-90.36	-0.63	-99.98	99.98	90.50	9.48	10.545	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	-90.36	-0.63	-99.98	99.98	90.16	9.83	10.176	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	-90.36	-0.63	-99.98	99.98	89.82	10.16	9.840	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	-90.36	-0.63	-99.98	99.98	89.49	10.49	9.534	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	-90.36	-0.63	-99.98	99.98	89.18	10.81	9.252	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	-90.36	-0.63	-99.98	99.98	88.86	11.12	8.992	
2,100.00	2,100.00	2,098.15	2,098.14	5.71	5.73	-90.86	-1.52	-100.87	100.90	89.48	11.42	8.835	
2,200.00	2,200.00	2,196.17	2,196.08	5.86	5.88	-92.32	-4.19	-103.54	103.70	92.00	11.70	8.862	
2,300.00	2,300.00	2,293.93	2,293.64	6.01	6.06	-94.57	-8.62	-107.97	108.50	96.51	11.99	9.049	
2,400.00	2,399.99	2,391.43	2,390.75	6.17	6.25	37.95	-14.80	-114.15	114.44	102.15	12.29	9.311	
2,500.00	2,499.91	2,488.74	2,487.41	6.32	6.47	35.73	-22.71	-122.06	120.52	107.93	12.59	9.570	
2,600.00	2,599.69	2,587.32	2,585.07	6.48	6.63	33.81	-32.23	-131.58	126.40	113.52	12.87	9.818	
2,633.33	2,632.91	2,620.60	2,618.02	6.50	6.70	33.33	-35.50	-134.85	127.97	115.02	12.96	9.878	
2,700.00	2,699.30	2,687.19	2,683.96	6.58	6.86	22.72	-42.06	-141.41	130.42	117.25	13.17	9.903	
2,800.00	2,798.77	2,787.06	2,782.86	6.76	7.11	9.47	-51.89	-151.24	132.41	118.82	13.59	9.743	
2,900.00	2,898.03	2,886.88	2,881.71	6.97	7.38	-1.31	-61.71	-161.06	132.50	118.42	14.08	9.413	
2,918.37	2,916.24	2,905.21	2,899.86	6.99	7.43	-3.11	-63.51	-162.86	132.33	118.17	14.16	9.348	
3,000.00	2,997.12	2,986.62	2,980.48	7.17	7.66	-5.64	-71.52	-170.87	131.56	116.97	14.59	9.016	
3,100.00	3,096.21	3,086.09	3,078.99	7.40	7.92	-8.61	-81.00	-180.86	131.04	115.92	15.12	8.667	
3,132.60	3,128.51	3,118.48	3,111.08	7.49	8.01	-9.38	-83.70	-184.35	131.01	115.70	15.31	8.558	
3,200.00	3,195.29	3,185.54	3,177.51	7.66	8.22	-10.60	-88.53	-192.05	131.12	115.41	15.71	8.346	
3,300.00	3,294.38	3,285.18	3,276.21	7.93	8.50	-11.46	-93.87	-204.64	131.59	115.30	16.29	8.077	
3,400.00	3,393.47	3,385.18	3,375.24	8.21	8.81	-11.86	-98.31	-217.82	132.19	115.27	16.92	7.813	
3,500.00	3,492.55	3,485.17	3,474.26	8.51	9.14	-12.25	-102.76	-231.01	132.79	115.22	17.57	7.559	
3,600.00	3,591.64	3,585.16	3,573.28	8.82	9.47	-12.64	-107.20	-244.20	133.40	115.17	18.23	7.317	
3,700.00	3,690.73	3,685.16	3,672.30	9.13	9.82	-13.03	-111.65	-257.39	134.02	115.11	18.91	7.086	
3,800.00	3,789.81	3,785.15	3,771.32	9.46	10.16	-13.41	-116.09	-270.58	134.64	115.04	19.60	6.868	
3,900.00	3,888.90	3,885.15	3,870.34	9.79	10.52	-13.79	-120.53	-283.76	135.27	114.96	20.31	6.661	
4,000.00	3,987.99	3,985.14	3,969.36	10.14	10.88	-14.16	-124.98	-296.95	135.90	114.88	21.02	6.465	
4,100.00	4,087.07	4,085.13	4,068.38	10.48	11.25	-14.53	-129.42	-310.14	136.54	114.80	21.74	6.280	
4,200.00	4,186.16	4,185.13	4,167.40	10.84	11.62	-14.90	-133.87	-323.33	137.19	114.72	22.47	6.105	
4,300.00	4,285.25	4,285.12	4,266.42	11.20	11.99	-15.27	-138.31	-336.52	137.84	114.63	23.21	5.939	
4,400.00	4,384.33	4,385.12	4,365.44	11.56	12.37	-15.63	-142.76	-349.70	138.50	114.55	23.95	5.783	
4,500.00	4,483.42	4,485.11	4,464.47	11.93	12.75	-15.99	-147.20	-362.89	139.16	114.47	24.70	5.635	
4,600.00	4,582.51	4,585.10	4,563.49	12.31	13.14	-16.34	-151.65	-376.08	139.83	114.38	25.45	5.495	
4,700.00	4,681.59	4,685.10	4,662.51	12.68	13.53	-16.69	-156.09	-389.27	140.50	114.30	26.20	5.363	
4,800.00	4,780.68	4,785.09	4,761.53	13.06	13.92	-17.04	-160.54	-402.46	141.18	114.22	26.96	5.237	

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 703H
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 703H	**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
4,900.00	4,879.77	4,885.09	4,860.55	13.44	14.31	-17.38	-164.98	-415.64	141.87	114.15	27.72	5.119	
5,000.00	4,978.85	4,985.08	4,959.57	13.83	14.71	-17.72	-169.43	-428.83	142.55	114.08	28.48	5.006	
5,100.00	5,077.94	5,085.08	5,058.59	14.22	15.11	-18.06	-173.87	-442.02	143.25	114.01	29.24	4.899	
5,200.00	5,177.03	5,185.07	5,157.61	14.61	15.51	-18.40	-178.32	-455.21	143.95	113.94	30.00	4.798	
5,300.00	5,276.11	5,285.06	5,256.63	15.00	15.91	-18.73	-182.76	-468.40	144.65	113.88	30.77	4.701	
5,400.00	5,375.20	5,385.06	5,355.65	15.40	16.31	-19.06	-187.21	-481.58	145.36	113.82	31.53	4.610	
5,500.00	5,474.29	5,485.22	5,454.84	15.80	16.71	-19.38	-191.66	-494.79	146.07	113.78	32.29	4.524	
5,600.00	5,573.38	5,589.03	5,557.84	16.19	17.13	-19.88	-195.79	-507.04	145.36	112.30	33.06	4.397	
5,700.00	5,672.46	5,692.70	5,661.02	16.59	17.53	-20.70	-199.02	-516.63	142.06	108.29	33.77	4.207	
5,800.00	5,771.55	5,796.10	5,764.15	17.00	17.91	-21.90	-201.34	-523.54	136.21	101.82	34.39	3.961	
5,900.00	5,870.64	5,899.05	5,867.00	17.40	18.25	-23.63	-202.78	-527.79	127.88	92.98	34.89	3.665	
6,000.00	5,969.72	6,001.43	5,969.36	17.80	18.51	-26.07	-203.32	-529.41	117.17	81.98	35.20	3.329	
6,100.00	6,068.81	6,100.88	6,068.81	18.21	18.56	-29.30	-203.33	-529.43	105.23	70.01	35.22	2.988	
6,200.00	6,167.90	6,199.96	6,167.90	18.62	18.60	-33.33	-203.33	-529.43	93.67	58.62	35.05	2.673	
6,300.00	6,266.98	6,299.05	6,266.98	19.02	18.64	-38.45	-203.33	-529.43	82.70	48.12	34.58	2.392	
6,400.00	6,366.07	6,398.14	6,366.07	19.43	18.68	-45.05	-203.33	-529.43	72.59	38.92	33.67	2.156	
6,500.00	6,465.16	6,497.22	6,465.16	19.84	18.72	-53.62	-203.33	-529.43	63.73	31.60	32.12	1.984	Collision Risk Procedures Req.
6,600.00	6,564.24	6,596.31	6,564.24	20.25	18.76	-64.57	-203.33	-529.43	56.72	26.84	29.88	1.898	Collision Risk Procedures Req., SF
6,700.00	6,663.33	6,695.40	6,663.33	20.67	18.80	-77.90	-203.33	-529.43	52.32	24.92	27.40	1.909	Collision Risk Procedures Req., ES
6,781.97	6,744.56	6,776.62	6,744.56	21.00	18.84	-89.99	-203.33	-529.43	51.14	25.01	26.13	1.957	Collision Risk Procedures Req., CC
6,800.00	6,762.42	6,794.48	6,762.42	21.08	18.85	-92.69	-203.33	-529.43	51.20	25.17	26.03	1.967	Collision Risk Procedures Req.
6,900.00	6,861.50	6,893.57	6,861.50	21.49	18.89	-107.13	-203.33	-529.43	53.56	26.68	26.87	1.993	Collision Risk Procedures Req.
7,000.00	6,960.59	6,992.66	6,960.59	21.90	18.93	-119.66	-203.33	-529.43	58.98	29.71	29.27	2.015	
7,100.00	7,059.68	7,091.74	7,059.68	22.32	18.97	-129.72	-203.33	-529.43	66.73	34.78	31.95	2.088	
7,200.00	7,158.76	7,190.83	7,158.76	22.73	19.02	-137.52	-203.33	-529.43	76.10	41.80	34.30	2.219	
7,300.00	7,257.85	7,289.92	7,257.85	23.15	19.06	-143.54	-203.33	-529.43	86.56	50.36	36.20	2.391	
7,400.00	7,356.94	7,389.00	7,356.94	23.57	19.10	-148.23	-203.33	-529.43	97.77	60.02	37.74	2.590	
7,500.00	7,456.02	7,488.09	7,456.02	23.98	19.15	-151.94	-203.33	-529.43	109.49	70.47	39.01	2.806	
7,600.00	7,555.11	7,587.18	7,555.11	24.40	19.19	-154.92	-203.33	-529.43	121.57	81.48	40.09	3.033	
7,700.00	7,654.20	7,686.26	7,654.20	24.82	19.24	-157.37	-203.33	-529.43	133.93	92.90	41.03	3.264	
7,800.00	7,753.28	7,785.35	7,753.28	25.24	19.28	-159.39	-203.33	-529.43	146.48	104.62	41.86	3.499	
7,900.00	7,852.37	7,884.44	7,852.37	25.66	19.33	-161.10	-203.33	-529.43	159.18	116.56	42.62	3.735	
8,000.00	7,951.46	7,983.52	7,951.46	26.07	19.37	-162.55	-203.33	-529.43	172.01	128.68	43.33	3.970	
8,033.81	7,984.96	8,017.02	7,984.96	26.21	19.39	-163.00	-203.33	-529.43	176.37	132.81	43.55	4.050	
8,100.00	8,050.62	8,082.69	8,050.62	26.48	19.42	-163.79	-203.33	-529.43	184.38	140.41	43.97	4.193	
8,200.00	8,150.07	8,182.13	8,150.07	26.88	19.46	-164.69	-203.33	-529.43	194.45	149.91	44.55	4.365	
8,300.00	8,249.75	8,281.82	8,249.75	27.26	19.51	-165.31	-203.33	-529.43	202.04	156.99	45.06	4.484	
8,400.00	8,349.61	8,381.68	8,349.61	27.61	19.55	-165.70	-203.33	-529.43	207.12	161.62	45.50	4.552	
8,500.00	8,449.58	8,481.64	8,449.58	27.90	19.60	-165.88	-203.33	-529.43	209.67	163.81	45.86	4.572	
8,550.43	8,500.00	8,532.07	8,500.00	27.96	19.62	89.65	-203.33	-529.43	209.99	164.05	45.95	4.570	
8,600.00	8,549.57	8,581.64	8,549.57	27.97	19.65	89.65	-203.33	-529.43	209.99	164.02	45.98	4.567	
8,700.00	8,649.57	8,681.64	8,649.57	27.99	19.70	89.65	-203.33	-529.43	209.99	163.94	46.05	4.560	
8,800.00	8,749.57	8,781.64	8,749.57	28.02	19.74	89.65	-203.33	-529.43	209.99	163.86	46.13	4.552	
8,900.00	8,849.57	8,881.64	8,849.57	28.05	19.79	89.65	-203.33	-529.43	209.99	163.78	46.21	4.544	
9,000.00	8,949.57	8,981.64	8,949.57	28.08	19.84	89.65	-203.33	-529.43	209.99	163.71	46.29	4.537	
9,100.00	9,049.57	9,081.64	9,049.57	28.11	19.89	89.65	-203.33	-529.43	209.99	163.63	46.37	4.529	
9,200.00	9,149.57	9,181.64	9,149.57	28.14	19.93	89.65	-203.33	-529.43	209.99	163.55	46.45	4.521	
9,300.00	9,249.57	9,281.64	9,249.57	28.17	19.98	89.65	-203.33	-529.43	209.99	163.47	46.53	4.513	
9,400.00	9,349.58	9,381.64	9,349.58	28.19	20.03	89.65	-203.33	-529.43	209.99	163.39	46.61	4.506	
9,500.00	9,449.58	9,481.64	9,449.58	28.22	20.08	89.65	-203.33	-529.43	209.99	163.31	46.69	4.498	
9,600.00	9,549.58	9,581.64	9,549.58	28.25	20.13	89.65	-203.33	-529.43	209.99	163.23	46.77	4.490	
9,700.00	9,649.58	9,681.64	9,649.58	28.28	20.18	89.65	-203.33	-529.43	209.99	163.15	46.85	4.482	

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 703H
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 703H	**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)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,800.00	9,749.58	9,781.64	9,749.58	28.31	20.23	89.65	-203.33	-529.43	209.99	163.06	46.93	4.475	
9,900.00	9,849.58	9,881.64	9,849.58	28.34	20.27	89.65	-203.33	-529.43	209.99	162.99	47.01	4.467	
9,917.37	9,866.95	9,899.01	9,866.95	28.35	20.27	89.60	-203.14	-529.43	209.99	162.97	47.02	4.466	
10,000.00	9,949.58	9,980.75	9,948.22	28.37	20.21	87.43	-195.20	-529.49	210.15	162.81	47.34	4.439	
10,100.00	10,049.58	10,074.39	10,038.84	28.41	20.10	81.17	-172.02	-529.65	212.56	164.73	47.83	4.444	
10,200.00	10,149.58	10,158.61	10,116.17	28.44	20.01	72.57	-138.82	-529.88	222.15	174.50	47.64	4.663	
10,300.00	10,249.58	10,231.74	10,178.73	28.47	19.93	63.68	-101.07	-530.15	244.00	197.61	46.39	5.260	
10,400.00	10,349.58	10,300.00	10,232.36	28.50	19.88	55.11	-58.91	-530.44	280.43	235.83	44.60	6.288	
10,500.00	10,449.58	10,350.00	10,268.26	28.53	19.86	49.15	-24.13	-530.69	330.18	287.29	42.89	7.699	
10,520.47	10,470.04	10,350.00	10,268.26	28.53	19.86	49.15	-24.13	-530.69	341.84	299.26	42.59	8.027	
10,550.00	10,499.56	10,369.54	10,281.45	28.53	19.86	45.88	-9.71	-530.79	358.88	316.65	42.22	8.499	
10,600.00	10,549.32	10,400.00	10,301.00	28.49	19.86	40.76	13.65	-530.95	387.81	346.12	41.69	9.301	
10,650.00	10,598.47	10,416.22	10,310.89	28.45	19.87	37.46	26.49	-531.04	415.99	374.65	41.34	10.062	
10,700.00	10,646.65	10,439.72	10,324.58	28.40	19.88	34.17	45.60	-531.18	443.40	402.30	41.10	10.789	
10,750.00	10,693.48	10,463.32	10,337.52	28.36	19.89	31.38	65.33	-531.32	469.67	428.71	40.96	11.468	
10,800.00	10,738.62	10,487.00	10,349.68	28.32	19.91	29.03	85.65	-531.46	494.60	453.70	40.90	12.094	
10,850.00	10,781.71	10,500.00	10,355.99	28.28	19.93	27.34	97.01	-531.54	518.25	477.29	40.96	12.652	
10,900.00	10,822.42	10,534.55	10,371.50	28.25	19.98	25.37	127.88	-531.75	539.87	498.90	40.97	13.177	
10,950.00	10,860.46	10,550.00	10,377.83	28.22	20.00	24.12	141.97	-531.85	560.09	518.97	41.11	13.623	
11,000.00	10,895.52	10,582.30	10,389.82	28.21	20.06	22.78	171.95	-532.06	578.25	537.04	41.21	14.032	
11,050.00	10,927.35	10,600.00	10,395.67	28.22	20.10	21.87	188.66	-532.18	594.71	553.32	41.39	14.368	
11,100.00	10,955.69	10,630.19	10,404.45	28.24	20.18	20.98	217.54	-532.38	609.09	567.55	41.54	14.664	
11,150.00	10,980.34	10,650.00	10,409.38	28.28	20.23	20.34	236.73	-532.52	621.56	579.84	41.73	14.896	
11,200.00	11,001.10	10,678.19	10,415.24	28.34	20.32	19.77	264.30	-532.71	631.93	590.04	41.89	15.085	
11,250.00	11,017.83	10,700.00	10,418.84	28.43	20.39	19.37	285.81	-532.86	640.26	598.19	42.07	15.220	
11,300.00	11,030.38	10,726.26	10,422.08	28.53	20.49	19.06	311.86	-533.05	646.47	604.24	42.23	15.309	
11,350.00	11,038.67	10,750.00	10,423.99	28.67	20.58	18.87	335.53	-533.21	650.56	608.19	42.38	15.352	
11,400.00	11,042.63	10,774.36	10,424.92	28.82	20.69	18.78	359.86	-533.38	652.52	610.03	42.49	15.356	
11,420.47	11,043.00	10,784.30	10,425.00	28.89	20.73	18.77	369.81	-533.45	652.70	610.19	42.52	15.351	
11,500.00	11,043.00	10,863.84	10,425.00	29.20	21.13	18.77	449.34	-534.01	652.70	610.06	42.64	15.306	
11,600.00	11,043.00	10,963.84	10,425.00	29.64	21.68	18.77	549.34	-534.71	652.70	609.84	42.87	15.226	
11,700.00	11,043.00	11,063.84	10,425.00	30.15	22.31	18.77	649.33	-535.42	652.70	609.54	43.16	15.123	
11,800.00	11,043.00	11,163.84	10,425.00	30.71	23.01	18.77	749.33	-536.12	652.70	609.18	43.52	14.997	
11,900.00	11,043.00	11,263.84	10,425.00	31.32	23.77	18.77	849.33	-536.82	652.70	608.75	43.95	14.850	
12,000.00	11,043.00	11,363.84	10,425.00	31.99	24.59	18.77	949.33	-537.52	652.70	608.26	44.45	14.685	
12,100.00	11,043.00	11,463.84	10,425.00	32.70	25.46	18.77	1,049.32	-538.22	652.70	607.70	45.00	14.504	
12,200.00	11,043.00	11,563.84	10,425.00	33.45	26.38	18.77	1,149.32	-538.92	652.70	607.08	45.62	14.307	
12,300.00	11,043.00	11,663.84	10,425.00	34.25	27.35	18.77	1,249.32	-539.63	652.70	606.41	46.30	14.098	
12,400.00	11,043.00	11,763.84	10,425.00	35.09	28.35	18.77	1,349.32	-540.33	652.70	605.67	47.03	13.879	
12,500.00	11,043.00	11,863.84	10,425.00	35.96	29.39	18.77	1,449.31	-541.03	652.70	604.89	47.81	13.651	
12,600.00	11,043.00	11,963.84	10,425.00	36.86	30.47	18.77	1,549.31	-541.73	652.70	604.06	48.65	13.417	
12,700.00	11,043.00	12,063.84	10,425.00	37.80	31.57	18.77	1,649.31	-542.43	652.70	603.17	49.53	13.178	
12,800.00	11,043.00	12,163.84	10,425.00	38.76	32.70	18.77	1,749.31	-543.14	652.70	602.24	50.46	12.935	
12,900.00	11,043.00	12,263.84	10,425.00	39.76	33.86	18.77	1,849.30	-543.84	652.70	601.27	51.43	12.691	
13,000.00	11,043.00	12,363.84	10,425.00	40.78	35.04	18.77	1,949.30	-544.54	652.70	600.26	52.44	12.446	
13,100.00	11,043.00	12,463.84	10,425.00	41.82	36.23	18.77	2,049.30	-545.24	652.70	599.21	53.49	12.202	
13,200.00	11,043.00	12,563.84	10,425.00	42.89	37.45	18.77	2,149.30	-545.94	652.70	598.12	54.58	11.959	
13,300.00	11,043.00	12,663.84	10,425.00	43.97	38.68	18.77	2,249.29	-546.65	652.70	597.00	55.70	11.718	
13,400.00	11,043.00	12,763.84	10,425.00	45.08	39.92	18.77	2,349.29	-547.35	652.70	595.85	56.85	11.481	
13,500.00	11,043.00	12,863.84	10,425.00	46.20	41.18	18.77	2,449.29	-548.05	652.70	594.67	58.03	11.247	
13,600.00	11,043.00	12,963.84	10,425.00	47.35	42.45	18.77	2,549.29	-548.75	652.70	593.46	59.24	11.017	
13,700.00	11,043.00	13,063.84	10,425.00	48.50	43.73	18.77	2,649.28	-549.45	652.70	592.22	60.48	10.792	

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 703H
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 703H	**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
13,800.00	11,043.00	13,163.84	10,425.00	49.68	45.02	18.77	2,749.28	-550.15	652.70	590.96	61.74	10.571	
13,900.00	11,043.00	13,263.84	10,425.00	50.86	46.33	18.77	2,849.28	-550.86	652.70	589.67	63.03	10.355	
14,000.00	11,043.00	13,363.84	10,425.00	52.06	47.63	18.77	2,949.28	-551.56	652.70	588.36	64.34	10.145	
14,100.00	11,043.00	13,463.84	10,425.00	53.27	48.95	18.77	3,049.27	-552.26	652.70	587.03	65.67	9.940	
14,200.00	11,043.00	13,563.84	10,425.00	54.49	50.28	18.77	3,149.27	-552.96	652.70	585.69	67.02	9.740	
14,300.00	11,043.00	13,663.84	10,425.00	55.73	51.61	18.77	3,249.27	-553.66	652.70	584.32	68.38	9.545	
14,400.00	11,043.00	13,763.84	10,425.00	56.97	52.95	18.77	3,349.27	-554.37	652.70	582.94	69.77	9.356	
14,500.00	11,043.00	13,863.84	10,425.00	58.22	54.29	18.77	3,449.26	-555.07	652.70	581.53	71.17	9.171	
14,600.00	11,043.00	13,963.84	10,425.00	59.48	55.64	18.77	3,549.26	-555.77	652.70	580.12	72.58	8.993	
14,700.00	11,043.00	14,063.84	10,425.00	60.75	56.99	18.77	3,649.26	-556.47	652.70	578.69	74.01	8.819	
14,800.00	11,043.00	14,163.84	10,425.00	62.03	58.35	18.77	3,749.26	-557.17	652.70	577.24	75.46	8.650	
14,900.00	11,043.00	14,263.84	10,425.00	63.31	59.71	18.77	3,849.25	-557.88	652.70	575.79	76.91	8.486	
15,000.00	11,043.00	14,363.84	10,425.00	64.60	61.08	18.77	3,949.25	-558.58	652.70	574.32	78.38	8.327	
15,100.00	11,043.00	14,463.84	10,425.00	65.90	62.45	18.77	4,049.25	-559.28	652.70	572.84	79.86	8.173	
15,200.00	11,043.00	14,563.84	10,425.00	67.20	63.82	18.77	4,149.25	-559.98	652.70	571.35	81.35	8.023	
15,300.00	11,043.00	14,663.84	10,425.00	68.51	65.20	18.77	4,249.24	-560.68	652.70	569.84	82.86	7.877	
15,400.00	11,043.00	14,763.84	10,425.00	69.83	66.58	18.77	4,349.24	-561.39	652.70	568.33	84.37	7.736	
15,500.00	11,043.00	14,863.84	10,425.00	71.15	67.96	18.77	4,449.24	-562.09	652.70	566.81	85.89	7.599	
15,600.00	11,043.00	14,963.84	10,425.00	72.47	69.35	18.77	4,549.24	-562.79	652.70	565.28	87.42	7.466	
15,700.00	11,043.00	15,063.84	10,425.00	73.80	70.73	18.77	4,649.23	-563.49	652.70	563.74	88.96	7.337	
15,800.00	11,043.00	15,163.84	10,425.00	75.13	72.12	18.77	4,749.23	-564.19	652.70	562.20	90.50	7.212	
15,900.00	11,043.00	15,263.84	10,425.00	76.47	73.52	18.77	4,849.23	-564.89	652.70	560.64	92.06	7.090	
16,000.00	11,043.00	15,363.84	10,425.00	77.81	74.91	18.77	4,949.23	-565.60	652.70	559.08	93.62	6.972	
16,100.00	11,043.00	15,463.84	10,425.00	79.16	76.31	18.77	5,049.23	-566.30	652.70	557.52	95.18	6.857	
16,200.00	11,043.00	15,563.84	10,425.00	80.51	77.70	18.77	5,149.22	-567.00	652.70	555.94	96.76	6.746	
16,300.00	11,043.00	15,663.84	10,425.00	81.86	79.10	18.77	5,249.22	-567.70	652.70	554.36	98.34	6.637	
16,400.00	11,043.00	15,763.84	10,425.00	83.21	80.51	18.77	5,349.22	-568.40	652.70	552.78	99.92	6.532	
16,500.00	11,043.00	15,863.84	10,425.00	84.57	81.91	18.77	5,449.22	-569.11	652.70	551.19	101.51	6.430	
16,600.00	11,043.00	15,963.84	10,425.00	85.93	83.31	18.77	5,549.21	-569.81	652.70	549.59	103.11	6.330	
16,700.00	11,043.00	16,063.84	10,425.00	87.30	84.72	18.77	5,649.21	-570.51	652.70	547.99	104.71	6.233	
16,800.00	11,043.00	16,163.84	10,425.00	88.66	86.13	18.77	5,749.21	-571.21	652.70	546.38	106.32	6.139	
16,900.00	11,043.00	16,263.84	10,425.00	90.03	87.54	18.77	5,849.21	-571.91	652.70	544.77	107.93	6.048	
17,000.00	11,043.00	16,363.84	10,425.00	91.40	88.95	18.77	5,949.20	-572.62	652.70	543.16	109.54	5.958	
17,100.00	11,043.00	16,463.84	10,425.00	92.78	90.36	18.77	6,049.20	-573.32	652.70	541.54	111.16	5.872	
17,200.00	11,043.00	16,563.84	10,425.00	94.15	91.77	18.77	6,149.20	-574.02	652.70	539.91	112.79	5.787	
17,300.00	11,043.00	16,663.84	10,425.00	95.53	93.19	18.77	6,249.20	-574.72	652.70	538.29	114.41	5.705	
17,400.00	11,043.00	16,763.84	10,425.00	96.91	94.60	18.77	6,349.19	-575.42	652.70	536.65	116.05	5.625	
17,500.00	11,043.00	16,863.84	10,425.00	98.29	96.02	18.77	6,449.19	-576.13	652.70	535.02	117.68	5.546	
17,600.00	11,043.00	16,963.84	10,425.00	99.68	97.43	18.77	6,549.19	-576.83	652.70	533.38	119.32	5.470	
17,700.00	11,043.00	17,063.84	10,425.00	101.06	98.85	18.77	6,649.19	-577.53	652.70	531.74	120.96	5.396	
17,800.00	11,043.00	17,163.84	10,425.00	102.45	100.27	18.77	6,749.18	-578.23	652.70	530.09	122.60	5.324	
17,900.00	11,043.00	17,263.84	10,425.00	103.84	101.69	18.77	6,849.18	-578.93	652.70	528.45	124.25	5.253	
18,000.00	11,043.00	17,363.84	10,425.00	105.23	103.11	18.77	6,949.18	-579.63	652.70	526.80	125.90	5.184	
18,100.00	11,043.00	17,463.84	10,425.00	106.62	104.53	18.77	7,049.18	-580.34	652.70	525.14	127.56	5.117	
18,200.00	11,043.00	17,563.84	10,425.00	108.02	105.95	18.77	7,149.17	-581.04	652.70	523.49	129.21	5.051	
18,300.00	11,043.00	17,663.84	10,425.00	109.41	107.37	18.77	7,249.17	-581.74	652.70	521.83	130.87	4.987	
18,400.00	11,043.00	17,763.84	10,425.00	110.81	108.79	18.77	7,349.17	-582.44	652.70	520.17	132.53	4.925	
18,500.00	11,043.00	17,863.84	10,425.00	112.21	110.22	18.77	7,449.17	-583.14	652.70	518.50	134.19	4.864	
18,600.00	11,043.00	17,963.84	10,425.00	113.61	111.64	18.77	7,549.16	-583.85	652.70	516.84	135.86	4.804	
18,700.00	11,043.00	18,063.84	10,425.00	115.01	113.07	18.77	7,649.16	-584.55	652.70	515.17	137.53	4.746	
18,800.00	11,043.00	18,163.84	10,425.00	116.41	114.49	18.77	7,749.16	-585.25	652.70	513.50	139.20	4.689	
18,900.00	11,043.00	18,263.84	10,425.00	117.81	115.92	18.77	7,849.16	-585.95	652.70	511.83	140.87	4.633	

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 703H
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 703H	**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
19,000.00	11,043.00	18,363.84	10,425.00	119.21	117.34	18.77	7,949.15	-586.65	652.70	510.15	142.54	4.579	
19,100.00	11,043.00	18,463.84	10,425.00	120.62	118.77	18.77	8,049.15	-587.36	652.70	508.48	144.22	4.526	
19,200.00	11,043.00	18,563.84	10,425.00	122.02	120.20	18.77	8,149.15	-588.06	652.70	506.80	145.90	4.474	
19,300.00	11,043.00	18,663.84	10,425.00	123.43	121.63	18.77	8,249.15	-588.76	652.70	505.12	147.58	4.423	
19,400.00	11,043.00	18,763.84	10,425.00	124.84	123.05	18.77	8,349.14	-589.46	652.70	503.44	149.26	4.373	
19,500.00	11,043.00	18,863.84	10,425.00	126.25	124.48	18.77	8,449.14	-590.16	652.70	501.76	150.94	4.324	
19,600.00	11,043.00	18,963.84	10,425.00	127.66	125.91	18.77	8,549.14	-590.87	652.70	500.07	152.63	4.276	
19,700.00	11,043.00	19,063.84	10,425.00	129.07	127.34	18.77	8,649.14	-591.57	652.70	498.39	154.31	4.230	
19,800.00	11,043.00	19,163.84	10,425.00	130.48	128.77	18.77	8,749.13	-592.27	652.70	496.70	156.00	4.184	
19,900.00	11,043.00	19,263.84	10,425.00	131.89	130.20	18.77	8,849.13	-592.97	652.70	495.01	157.69	4.139	
20,000.00	11,043.00	19,363.84	10,425.00	133.30	131.63	18.77	8,949.13	-593.67	652.70	493.32	159.38	4.095	
20,100.00	11,043.00	19,463.84	10,425.00	134.71	133.06	18.77	9,049.13	-594.37	652.70	491.63	161.07	4.052	
20,200.00	11,043.00	19,563.84	10,425.00	136.13	134.50	18.77	9,149.12	-595.08	652.70	489.93	162.77	4.010	
20,300.00	11,043.00	19,663.84	10,425.00	137.54	135.93	18.77	9,249.12	-595.78	652.70	488.24	164.46	3.969	
20,400.00	11,043.00	19,763.84	10,425.00	138.96	137.36	18.77	9,349.12	-596.48	652.70	486.54	166.16	3.928	
20,500.00	11,043.00	19,863.84	10,425.00	140.37	138.79	18.77	9,449.12	-597.18	652.70	484.84	167.85	3.889	
20,600.00	11,043.00	19,963.84	10,425.00	141.79	140.22	18.77	9,549.11	-597.88	652.70	483.15	169.55	3.850	
20,700.00	11,043.00	20,063.84	10,425.00	143.21	141.66	18.77	9,649.11	-598.59	652.70	481.45	171.25	3.811	
20,800.00	11,043.00	20,163.84	10,425.00	144.63	143.09	18.77	9,749.11	-599.29	652.70	479.75	172.95	3.774	
20,900.00	11,043.00	20,263.84	10,425.00	146.04	144.52	18.77	9,849.11	-599.99	652.70	478.04	174.65	3.737	
21,000.00	11,043.00	20,363.84	10,425.00	147.46	145.96	18.77	9,949.10	-600.69	652.70	476.34	176.36	3.701	
21,100.00	11,043.00	20,463.84	10,425.00	148.88	147.39	18.77	10,049.10	-601.39	652.70	474.64	178.06	3.666	
21,200.00	11,043.00	20,563.84	10,425.00	150.30	148.83	18.77	10,149.10	-602.10	652.70	472.93	179.76	3.631	
21,274.60	11,043.00	20,638.43	10,425.00	151.36	149.90	18.77	10,223.69	-602.62	652.70	471.66	181.03	3.605	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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	-0.48	-74.98	74.98				
100.00	100.00	100.00	100.00	0.79	0.79	-90.37	-0.48	-74.98	74.98	73.40	1.58	47.332	
200.00	200.00	200.00	200.00	1.45	1.45	-90.37	-0.48	-74.98	74.98	72.08	2.90	25.862	
300.00	300.00	300.00	300.00	1.89	1.89	-90.37	-0.48	-74.98	74.98	71.19	3.79	19.790	
400.00	400.00	400.00	400.00	2.26	2.26	-90.37	-0.48	-74.98	74.98	70.47	4.51	16.618	
500.00	500.00	500.00	500.00	2.57	2.57	-90.37	-0.48	-74.98	74.98	69.84	5.14	14.590	
600.00	600.00	600.00	600.00	2.85	2.85	-90.37	-0.48	-74.98	74.98	69.28	5.70	13.148	
700.00	700.00	700.00	700.00	3.11	3.11	-90.37	-0.48	-74.98	74.98	68.76	6.22	12.055	
800.00	800.00	800.00	800.00	3.35	3.35	-90.37	-0.48	-74.98	74.98	68.28	6.70	11.190	
900.00	900.00	900.00	900.00	3.58	3.58	-90.37	-0.48	-74.98	74.98	67.83	7.15	10.482	
1,000.00	1,000.00	1,000.00	1,000.00	3.79	3.79	-90.37	-0.48	-74.98	74.98	67.40	7.58	9.889	
1,100.00	1,100.00	1,100.00	1,100.00	4.00	4.00	-90.37	-0.48	-74.98	74.98	66.99	7.99	9.382	
1,200.00	1,200.00	1,200.00	1,200.00	4.19	4.19	-90.37	-0.48	-74.98	74.98	66.60	8.38	8.943	
1,300.00	1,300.00	1,300.00	1,300.00	4.38	4.38	-90.37	-0.48	-74.98	74.98	66.22	8.76	8.557	
1,400.00	1,400.00	1,400.00	1,400.00	4.56	4.56	-90.37	-0.48	-74.98	74.98	65.85	9.13	8.215	
1,500.00	1,500.00	1,500.00	1,500.00	4.74	4.74	-90.37	-0.48	-74.98	74.98	65.50	9.48	7.908	
1,600.00	1,600.00	1,600.00	1,600.00	4.91	4.91	-90.37	-0.48	-74.98	74.98	65.16	9.83	7.631	
1,700.00	1,700.00	1,700.00	1,700.00	5.08	5.08	-90.37	-0.48	-74.98	74.98	64.82	10.16	7.380	
1,800.00	1,800.00	1,800.00	1,800.00	5.24	5.24	-90.37	-0.48	-74.98	74.98	64.49	10.49	7.150	
1,900.00	1,900.00	1,900.00	1,900.00	5.40	5.40	-90.37	-0.48	-74.98	74.98	64.17	10.81	6.938	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	-90.37	-0.48	-74.98	74.98	63.86	11.12	6.743	
2,100.00	2,100.00	2,100.00	2,100.00	5.71	5.71	-90.37	-0.48	-74.98	74.98	63.56	11.43	6.563	
2,200.00	2,200.00	2,200.00	2,200.00	5.86	5.86	-90.37	-0.48	-74.98	74.98	63.26	11.73	6.394	
2,300.00	2,300.00	2,300.00	2,300.00	6.01	6.01	-90.37	-0.48	-74.98	74.98	62.96	12.02	6.237	
2,400.00	2,399.99	2,399.99	2,399.99	6.17	6.16	45.35	-0.48	-74.98	74.06	61.75	12.31	6.017	
2,500.00	2,499.91	2,499.91	2,499.91	6.32	6.30	47.63	-0.48	-74.98	71.35	58.78	12.57	5.676	
2,600.00	2,599.69	2,599.69	2,599.69	6.48	6.44	51.80	-0.48	-74.98	67.11	54.28	12.83	5.231	
2,633.33	2,632.91	2,632.91	2,632.91	6.50	6.49	53.72	-0.48	-74.98	65.44	52.56	12.88	5.079	
2,700.00	2,699.30	2,699.30	2,699.30	6.58	6.58	48.28	-0.48	-74.98	61.59	48.58	13.02	4.731	
2,800.00	2,798.77	2,798.77	2,798.77	6.76	6.71	44.24	-0.48	-74.98	54.38	41.11	13.28	4.096	
2,900.00	2,898.03	2,898.03	2,898.03	6.97	6.85	45.78	-0.48	-74.98	45.72	32.18	13.53	3.379	
2,918.37	2,916.24	2,916.24	2,916.24	6.99	6.87	46.79	-0.48	-74.98	44.02	30.46	13.56	3.246	
3,000.00	2,997.12	2,997.12	2,997.12	7.17	6.98	59.12	-0.48	-74.98	37.31	23.56	13.75	2.714	
3,100.00	3,096.21	3,096.67	3,096.66	7.40	7.12	81.68	-0.73	-73.78	31.76	17.75	14.01	2.266	
3,147.19	3,142.97	3,143.41	3,143.37	7.52	7.19	95.60	-1.02	-72.34	30.91	16.71	14.20	2.177	CC, ES, SF
3,200.00	3,195.29	3,195.49	3,195.40	7.66	7.26	112.11	-1.49	-70.08	32.15	17.66	14.48	2.220	
3,300.00	3,294.38	3,293.42	3,293.13	7.93	7.41	138.80	-2.74	-63.95	41.35	26.26	15.09	2.740	
3,400.00	3,393.47	3,390.35	3,389.67	8.21	7.57	155.78	-4.49	-55.46	57.58	41.96	15.62	3.687	
3,500.00	3,492.55	3,486.17	3,484.86	8.51	7.76	166.08	-6.69	-44.71	78.47	62.39	16.08	4.880	
3,600.00	3,591.64	3,580.79	3,578.55	8.82	7.95	172.71	-9.34	-31.81	102.84	86.30	16.53	6.220	
3,700.00	3,690.73	3,676.39	3,672.99	9.13	8.38	177.21	-12.33	-17.25	129.43	112.18	17.25	7.503	
3,800.00	3,789.81	3,772.37	3,767.80	9.46	8.65	-179.81	-15.33	-2.59	156.54	138.72	17.83	8.781	
3,900.00	3,888.90	3,868.36	3,862.61	9.79	8.87	-177.71	-18.34	12.07	183.94	165.59	18.35	10.021	
4,000.00	3,987.99	3,964.35	3,957.43	10.14	9.11	-176.15	-21.35	26.73	211.51	192.60	18.90	11.188	
4,100.00	4,087.07	4,060.33	4,052.24	10.48	9.36	-174.96	-24.36	41.38	239.19	219.71	19.48	12.282	
4,200.00	4,186.16	4,156.32	4,147.05	10.84	9.62	-174.01	-27.37	56.04	266.94	246.88	20.06	13.304	
4,300.00	4,285.25	4,252.31	4,241.87	11.20	9.89	-173.24	-30.37	70.70	294.75	274.08	20.67	14.259	
4,400.00	4,384.33	4,348.29	4,336.68	11.56	10.18	-172.60	-33.38	85.36	322.60	301.31	21.30	15.149	
4,500.00	4,483.42	4,444.28	4,431.49	11.93	10.47	-172.06	-36.39	100.02	350.49	328.55	21.93	15.980	
4,600.00	4,582.51	4,540.27	4,526.31	12.31	10.77	-171.60	-39.40	114.68	378.39	355.81	22.58	16.755	
4,700.00	4,681.59	4,636.25	4,621.12	12.68	11.08	-171.21	-42.41	129.33	406.32	383.07	23.25	17.478	
4,800.00	4,780.68	4,732.24	4,715.93	13.06	11.40	-170.87	-45.41	143.99	434.26	410.34	23.92	18.153	

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 703H
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 703H	**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 — **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
4,900.00	4,879.77	4,828.23	4,810.75	13.44	11.73	-170.56	-48.42	158.65	462.21	437.61	24.61	18.784	
5,000.00	4,978.85	4,924.21	4,905.56	13.83	12.06	-170.30	-51.43	173.31	490.18	464.88	25.30	19.374	
5,100.00	5,077.94	5,020.20	5,000.37	14.22	12.39	-170.06	-54.44	187.97	518.15	492.15	26.00	19.926	
5,200.00	5,177.03	5,116.19	5,095.18	14.61	12.74	-169.84	-57.45	202.63	546.13	519.42	26.72	20.443	
5,300.00	5,276.11	5,212.17	5,190.00	15.00	13.09	-169.65	-60.45	217.28	574.12	546.68	27.43	20.928	
5,400.00	5,375.20	5,308.16	5,284.81	15.40	13.44	-169.47	-63.46	231.94	602.11	573.95	28.16	21.383	
5,500.00	5,474.29	5,404.15	5,379.62	15.80	13.79	-169.31	-66.47	246.60	630.11	601.22	28.89	21.811	
5,600.00	5,573.38	5,500.13	5,474.44	16.19	14.16	-169.17	-69.48	261.26	658.11	628.48	29.63	22.213	
5,700.00	5,672.46	5,596.12	5,569.25	16.59	14.52	-169.03	-72.49	275.92	686.11	655.74	30.37	22.592	
5,800.00	5,771.55	5,692.11	5,664.06	17.00	14.89	-168.91	-75.49	290.58	714.12	683.00	31.12	22.949	
5,900.00	5,870.64	5,788.09	5,758.88	17.40	15.26	-168.79	-78.50	305.23	742.13	710.26	31.87	23.286	
6,000.00	5,969.72	5,884.08	5,853.69	17.80	15.63	-168.69	-81.51	319.89	770.15	737.52	32.63	23.605	
6,100.00	6,068.81	5,980.07	5,948.50	18.21	16.01	-168.59	-84.52	334.55	798.16	764.77	33.39	23.906	
6,200.00	6,167.90	6,076.05	6,043.32	18.62	16.39	-168.50	-87.53	349.21	826.18	792.03	34.15	24.192	
6,300.00	6,266.98	6,172.04	6,138.13	19.02	16.77	-168.41	-90.53	363.87	854.20	819.28	34.92	24.462	
6,400.00	6,366.07	6,268.03	6,232.94	19.43	17.15	-168.33	-93.54	378.53	882.22	846.53	35.69	24.718	
6,500.00	6,465.16	6,364.01	6,327.76	19.84	17.54	-168.25	-96.55	393.18	910.24	873.78	36.47	24.962	
6,600.00	6,564.24	6,460.00	6,422.57	20.25	17.93	-168.18	-99.56	407.84	938.27	901.02	37.24	25.194	
6,700.00	6,663.33	6,555.99	6,517.38	20.67	18.32	-168.12	-102.57	422.50	966.29	928.27	38.02	25.414	
6,800.00	6,762.42	6,651.97	6,612.19	21.08	18.71	-168.05	-105.57	437.16	994.32	955.51	38.80	25.624	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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 603H - 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	-0.32	-49.99	49.99				
100.00	100.00	100.00	100.00	0.79	0.79	-90.37	-0.32	-49.99	49.99	48.41	1.58	31.557	
200.00	200.00	200.00	200.00	1.45	1.45	-90.37	-0.32	-49.99	49.99	47.09	2.90	17.243	
300.00	300.00	300.00	300.00	1.89	1.89	-90.37	-0.32	-49.99	49.99	46.20	3.79	13.194	
400.00	400.00	400.00	400.00	2.26	2.26	-90.37	-0.32	-49.99	49.99	45.48	4.51	11.080	
500.00	500.00	500.00	500.00	2.57	2.57	-90.37	-0.32	-49.99	49.99	44.85	5.14	9.727	
600.00	600.00	600.00	600.00	2.85	2.85	-90.37	-0.32	-49.99	49.99	44.29	5.70	8.766	
700.00	700.00	700.00	700.00	3.11	3.11	-90.37	-0.32	-49.99	49.99	43.77	6.22	8.037	
800.00	800.00	800.00	800.00	3.35	3.35	-90.37	-0.32	-49.99	49.99	43.29	6.70	7.460	
900.00	900.00	900.00	900.00	3.58	3.58	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	-90.37	-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	2,100.00	2,099.97	2,099.96	5.71	5.73	-91.87	-1.63	-49.99	50.02	38.61	11.40	4.387	
2,200.00	2,200.00	2,199.80	2,199.71	5.86	5.88	-96.33	-5.54	-49.99	50.30	38.64	11.66	4.315	
2,300.00	2,300.00	2,299.22	2,298.92	6.01	5.99	-103.46	-11.98	-50.03	51.45	39.59	11.87	4.335	
2,400.00	2,399.99	2,397.99	2,397.45	6.17	6.17	25.77	-18.59	-51.64	53.76	41.59	12.18	4.416	
2,500.00	2,499.91	2,496.93	2,496.14	6.32	6.34	23.36	-24.24	-55.62	55.96	43.52	12.44	4.499	
2,600.00	2,599.69	2,596.92	2,595.87	6.48	6.64	22.96	-29.50	-60.78	56.69	43.81	12.89	4.400	
2,633.33	2,632.91	2,630.25	2,629.11	6.50	6.70	23.07	-31.25	-62.49	56.40	43.43	12.96	4.350	
2,700.00	2,699.30	2,696.91	2,695.58	6.58	6.83	13.31	-34.75	-65.93	55.13	41.97	13.15	4.192	
2,800.00	2,798.77	2,796.83	2,795.23	6.76	7.03	0.13	-40.00	-71.08	51.67	38.14	13.53	3.819	
2,900.00	2,898.03	2,896.62	2,894.75	6.97	7.25	-12.59	-45.24	-76.22	46.56	32.57	13.99	3.328	
2,918.37	2,916.24	2,914.94	2,913.02	6.99	7.29	-15.05	-46.20	-77.17	45.48	31.41	14.07	3.233	
3,000.00	2,997.12	2,996.29	2,994.16	7.17	7.48	-21.40	-50.48	-81.36	40.85	26.35	14.50	2.818	
3,100.00	3,096.21	3,095.96	3,093.55	7.40	7.72	-31.22	-55.72	-86.50	36.05	21.01	15.04	2.397	
3,200.00	3,195.29	3,195.63	3,192.95	7.66	7.97	-43.56	-60.95	-91.63	32.61	17.11	15.50	2.104	
3,300.00	3,294.38	3,295.30	3,292.35	7.93	8.23	-57.94	-66.19	-96.77	30.98	15.22	15.76	1.965	Collision Risk Procedures Req.
3,328.20	3,322.32	3,323.40	3,320.38	8.01	8.31	-62.17	-67.66	-98.22	30.89	15.10	15.79	1.957	Collision Risk Procedures Req., CC
3,400.00	3,393.47	3,394.96	3,391.75	8.21	8.50	-72.86	-71.42	-101.91	31.44	15.66	15.78	1.992	Collision Risk Procedures Req.
3,500.00	3,492.55	3,494.63	3,491.14	8.51	8.78	-86.47	-76.66	-107.04	33.91	18.22	15.69	2.161	
3,600.00	3,591.64	3,594.30	3,590.54	8.82	9.06	-97.71	-81.90	-112.18	38.00	22.34	15.67	2.426	
3,700.00	3,690.73	3,693.97	3,689.94	9.13	9.35	-106.51	-87.13	-117.32	43.26	27.49	15.77	2.743	
3,800.00	3,789.81	3,793.64	3,789.33	9.46	9.65	-113.29	-92.37	-122.46	49.31	33.31	16.00	3.082	
3,900.00	3,888.90	3,893.30	3,888.73	9.79	9.95	-118.53	-97.60	-127.59	55.89	39.57	16.31	3.426	
4,000.00	3,987.99	3,992.97	3,988.13	10.14	10.26	-122.65	-102.84	-132.73	62.84	46.14	16.69	3.764	
4,100.00	4,087.07	4,092.64	4,087.53	10.48	10.57	-125.93	-108.08	-137.87	70.04	52.93	17.11	4.093	
4,200.00	4,186.16	4,192.31	4,186.92	10.84	10.88	-128.59	-113.31	-143.00	77.44	59.87	17.56	4.409	
4,300.00	4,285.25	4,291.97	4,286.32	11.20	11.20	-130.79	-118.55	-148.14	84.97	66.93	18.03	4.711	
4,400.00	4,384.33	4,391.64	4,385.72	11.56	11.52	-132.63	-123.79	-153.28	92.60	74.08	18.52	5.000	
4,500.00	4,483.42	4,491.31	4,485.12	11.93	11.84	-134.18	-129.02	-158.41	100.32	81.30	19.02	5.274	
4,600.00	4,582.51	4,590.98	4,584.51	12.31	12.17	-135.52	-134.26	-163.55	108.10	88.56	19.53	5.534	
4,700.00	4,681.59	4,690.65	4,683.91	12.68	12.50	-136.67	-139.49	-168.69	115.93	95.87	20.05	5.781	

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 703H
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 703H	**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 603H - 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	4,780.68	4,790.31	4,783.31	13.06	12.83	-137.68	-144.73	-173.82	123.80	103.22	20.58	6.016	
4,900.00	4,879.77	4,889.98	4,882.71	13.44	13.16	-138.57	-149.97	-178.96	131.70	110.59	21.11	6.239	
5,000.00	4,978.85	4,989.65	4,982.10	13.83	13.50	-139.35	-155.20	-184.10	139.63	117.98	21.65	6.450	
5,100.00	5,077.94	5,089.32	5,081.50	14.22	13.84	-140.05	-160.44	-189.24	147.58	125.39	22.19	6.651	
5,200.00	5,177.03	5,188.98	5,180.90	14.61	14.17	-140.68	-165.68	-194.37	155.56	132.82	22.74	6.842	
5,300.00	5,276.11	5,288.65	5,280.30	15.00	14.52	-141.25	-170.91	-199.51	163.55	140.26	23.29	7.024	
5,400.00	5,375.20	5,388.32	5,379.69	15.40	14.86	-141.77	-176.15	-204.65	171.55	147.71	23.84	7.196	
5,500.00	5,474.29	5,487.99	5,479.09	15.80	15.20	-142.24	-181.38	-209.78	179.57	155.17	24.40	7.360	
5,600.00	5,573.38	5,587.65	5,578.49	16.19	15.55	-142.67	-186.62	-214.92	187.60	162.64	24.96	7.516	
5,700.00	5,672.46	5,687.32	5,677.89	16.59	15.89	-143.06	-191.86	-220.06	195.64	170.12	25.52	7.665	
5,800.00	5,771.55	5,785.82	5,776.14	17.00	16.21	-143.53	-196.72	-224.83	203.85	177.78	26.07	7.820	
5,900.00	5,870.64	5,883.24	5,873.46	17.40	16.53	-144.53	-199.91	-227.96	213.01	186.28	26.72	7.971	
6,000.00	5,969.72	5,980.26	5,970.46	17.80	16.72	-146.02	-201.33	-229.35	223.28	195.84	27.44	8.136	
6,100.00	6,068.81	6,078.61	6,068.81	18.21	16.80	-147.82	-201.41	-229.43	234.56	206.37	28.19	8.321	
6,200.00	6,167.90	6,177.70	6,167.90	18.62	16.84	-149.49	-201.41	-229.43	246.10	217.19	28.92	8.511	
6,300.00	6,266.98	6,276.78	6,266.98	19.02	16.88	-151.00	-201.41	-229.43	257.84	228.21	29.62	8.704	
6,400.00	6,366.07	6,375.87	6,366.07	19.43	16.92	-152.39	-201.41	-229.43	269.73	239.42	30.31	8.898	
6,500.00	6,465.16	6,474.96	6,465.16	19.84	16.96	-153.66	-201.41	-229.43	281.77	250.79	30.99	9.093	
6,600.00	6,564.24	6,574.04	6,564.24	20.25	17.00	-154.82	-201.41	-229.43	293.94	262.29	31.65	9.288	
6,700.00	6,663.33	6,673.13	6,663.33	20.67	17.05	-155.89	-201.41	-229.43	306.22	273.93	32.29	9.484	
6,800.00	6,762.42	6,772.22	6,762.42	21.08	17.09	-156.88	-201.41	-229.43	318.59	285.67	32.92	9.678	
6,900.00	6,861.50	6,871.31	6,861.50	21.49	17.13	-157.80	-201.41	-229.43	331.05	297.51	33.54	9.871	
7,000.00	6,960.59	6,970.39	6,960.59	21.90	17.17	-158.65	-201.41	-229.43	343.59	309.44	34.15	10.062	
7,100.00	7,059.68	7,069.48	7,059.68	22.32	17.21	-159.44	-201.41	-229.43	356.19	321.45	34.74	10.252	
7,200.00	7,158.76	7,168.57	7,158.76	22.73	17.26	-160.17	-201.41	-229.43	368.86	333.53	35.33	10.439	
7,300.00	7,257.85	7,267.65	7,257.85	23.15	17.30	-160.86	-201.41	-229.43	381.59	345.67	35.92	10.624	
7,400.00	7,356.94	7,366.74	7,356.94	23.57	17.35	-161.50	-201.41	-229.43	394.36	357.87	36.49	10.807	
7,500.00	7,456.02	7,465.83	7,456.02	23.98	17.39	-162.10	-201.41	-229.43	407.18	370.12	37.06	10.987	
7,600.00	7,555.11	7,564.91	7,555.11	24.40	17.43	-162.67	-201.41	-229.43	420.05	382.42	37.62	11.165	
7,700.00	7,654.20	7,664.00	7,654.20	24.82	17.48	-163.20	-201.41	-229.43	432.95	394.77	38.18	11.340	
7,800.00	7,753.28	7,763.09	7,753.28	25.24	17.52	-163.70	-201.41	-229.43	445.88	407.15	38.73	11.512	
7,900.00	7,852.37	7,862.17	7,852.37	25.66	17.57	-164.17	-201.41	-229.43	458.85	419.57	39.28	11.682	
8,000.00	7,951.46	7,961.26	7,951.46	26.07	17.61	-164.62	-201.41	-229.43	471.84	432.02	39.82	11.849	
8,033.81	7,984.96	7,994.76	7,984.96	26.21	17.63	-164.76	-201.41	-229.43	476.24	436.24	40.00	11.906	
8,100.00	8,050.62	8,060.42	8,050.62	26.48	17.66	-165.05	-201.41	-229.43	484.31	443.97	40.34	12.005	
8,200.00	8,150.07	8,159.87	8,150.07	26.88	17.70	-165.40	-201.41	-229.43	494.44	453.59	40.85	12.105	
8,300.00	8,249.75	8,259.56	8,249.75	27.26	17.75	-165.66	-201.41	-229.43	502.04	460.73	41.31	12.153	
8,400.00	8,349.61	8,359.42	8,349.61	27.61	17.80	-165.82	-201.41	-229.43	507.13	465.40	41.73	12.153	
8,500.00	8,449.58	8,459.38	8,449.58	27.90	17.84	-165.91	-201.41	-229.43	509.68	467.60	42.08	12.112	
8,550.43	8,500.00	8,509.80	8,500.00	27.96	17.87	89.64	-201.41	-229.43	510.00	467.83	42.17	12.093	
8,600.00	8,549.57	8,559.38	8,549.57	27.97	17.89	89.64	-201.41	-229.43	510.00	467.79	42.21	12.084	
8,700.00	8,649.57	8,659.38	8,649.57	27.99	17.94	89.64	-201.41	-229.43	510.00	467.71	42.29	12.060	
8,800.00	8,749.57	8,759.38	8,749.57	28.02	17.99	89.64	-201.41	-229.43	510.00	467.63	42.37	12.036	
8,900.00	8,849.57	8,859.38	8,849.57	28.05	18.03	89.64	-201.41	-229.43	510.00	467.54	42.46	12.012	
9,000.00	8,949.57	8,959.38	8,949.57	28.08	18.08	89.64	-201.41	-229.43	510.00	467.46	42.54	11.988	
9,100.00	9,049.57	9,059.38	9,049.57	28.11	18.13	89.64	-201.41	-229.43	510.00	467.37	42.63	11.964	
9,200.00	9,149.57	9,159.38	9,149.57	28.14	18.18	89.64	-201.41	-229.43	510.00	467.29	42.71	11.940	
9,300.00	9,249.57	9,259.38	9,249.57	28.17	18.23	89.64	-201.41	-229.43	510.00	467.20	42.80	11.916	
9,400.00	9,349.58	9,359.38	9,349.58	28.19	18.28	89.64	-201.41	-229.43	510.00	467.11	42.89	11.892	
9,500.00	9,449.58	9,459.38	9,449.58	28.22	18.33	89.64	-201.41	-229.43	510.00	467.03	42.97	11.867	
9,600.00	9,549.58	9,559.38	9,549.58	28.25	18.38	89.64	-201.41	-229.43	510.00	466.94	43.06	11.843	
9,700.00	9,649.58	9,659.38	9,649.58	28.28	18.43	89.64	-201.41	-229.43	510.00	466.85	43.15	11.819	

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 703H
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 703H	**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 603H - 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
9,800.00	9,749.58	9,759.38	9,749.58	28.31	18.48	89.64	-201.41	-229.43	510.00	466.76	43.24	11.795	
9,900.00	9,849.58	9,859.38	9,849.58	28.34	18.53	89.64	-201.41	-229.43	510.00	466.67	43.33	11.771	
10,000.00	9,949.58	9,959.38	9,949.58	28.37	18.58	89.64	-201.41	-229.43	510.00	466.58	43.42	11.747	
10,100.00	10,049.58	10,059.38	10,049.58	28.41	18.63	89.64	-201.41	-229.43	510.00	466.49	43.51	11.722	
10,110.00	10,059.58	10,069.38	10,059.58	28.41	18.63	89.64	-201.41	-229.43	510.00	466.48	43.52	11.720	
10,200.00	10,149.58	10,152.95	10,143.06	28.44	18.67	89.36	-198.88	-229.11	510.38	466.73	43.65	11.693	
10,300.00	10,249.58	10,239.83	10,228.61	28.47	18.53	87.73	-184.28	-227.30	512.96	469.11	43.84	11.700	
10,400.00	10,349.58	10,320.61	10,305.31	28.50	18.38	84.98	-159.35	-224.19	519.10	475.01	44.10	11.772	
10,500.00	10,449.58	10,393.10	10,370.53	28.53	18.23	81.61	-128.06	-220.29	530.66	486.38	44.28	11.983	
10,520.47	10,470.04	10,406.83	10,382.41	28.53	18.21	80.89	-121.23	-219.44	533.86	489.56	44.30	12.051	
10,550.00	10,499.56	10,426.27	10,398.93	28.53	18.17	79.77	-111.07	-218.18	538.92	494.62	44.30	12.166	
10,600.00	10,549.32	10,458.76	10,425.75	28.49	18.11	77.25	-92.87	-215.91	548.32	504.10	44.22	12.399	
10,650.00	10,598.47	10,490.80	10,451.14	28.45	18.05	74.81	-73.48	-213.49	558.57	514.48	44.08	12.670	
10,700.00	10,646.65	10,522.45	10,475.09	28.40	17.99	72.49	-52.97	-210.94	569.42	525.52	43.90	12.971	
10,750.00	10,693.48	10,550.00	10,495.00	28.36	17.95	70.42	-34.07	-208.59	580.68	537.02	43.66	13.301	
10,800.00	10,738.62	10,584.74	10,518.75	28.32	17.90	68.25	-8.92	-205.45	592.08	548.62	43.46	13.624	
10,850.00	10,781.71	10,615.46	10,538.45	28.28	17.86	66.36	14.48	-202.54	603.50	560.28	43.23	13.961	
10,900.00	10,822.42	10,650.00	10,559.04	28.25	17.82	64.56	41.98	-199.11	614.78	571.75	43.02	14.290	
10,950.00	10,860.46	10,676.26	10,573.56	28.22	17.80	63.08	63.69	-196.41	625.70	582.92	42.77	14.629	
11,000.00	10,895.52	10,700.00	10,585.81	28.21	17.79	61.78	83.87	-193.90	636.25	593.74	42.51	14.965	
11,050.00	10,927.35	10,736.37	10,602.92	28.22	17.78	60.48	115.71	-189.93	646.15	603.79	42.36	15.254	
11,100.00	10,955.69	10,766.24	10,615.43	28.24	17.77	59.44	142.62	-186.58	655.46	613.29	42.18	15.541	
11,150.00	10,980.34	10,800.00	10,627.84	28.28	17.78	58.55	173.77	-182.70	664.07	622.04	42.03	15.799	
11,200.00	11,001.10	10,825.69	10,636.03	28.34	17.80	57.84	197.93	-179.69	671.85	630.00	41.85	16.054	
11,250.00	11,017.83	10,850.00	10,642.77	28.43	17.81	57.27	221.11	-176.80	678.85	637.19	41.66	16.295	
11,300.00	11,030.38	10,884.92	10,650.71	28.53	17.86	56.89	254.85	-172.60	684.90	643.32	41.58	16.472	
11,350.00	11,038.67	10,914.50	10,655.80	28.67	17.90	56.64	283.76	-169.00	690.08	648.62	41.46	16.643	
11,400.00	11,042.63	10,950.00	10,659.92	28.82	17.97	56.61	318.75	-164.64	694.38	652.96	41.42	16.763	
11,420.47	11,043.00	10,950.00	10,659.92	28.89	17.97	56.48	318.75	-164.64	695.86	654.61	41.25	16.868	
11,500.00	11,043.00	11,008.59	10,662.00	29.20	18.12	56.97	376.83	-157.42	703.05	661.80	41.25	17.043	
11,600.00	11,043.00	11,134.17	10,662.00	29.64	18.60	57.55	501.79	-145.06	711.93	669.92	42.01	16.946	
11,700.00	11,043.00	11,260.69	10,662.00	30.15	19.26	57.89	628.11	-138.16	717.15	674.19	42.95	16.696	
11,800.00	11,043.00	11,384.69	10,662.00	30.71	20.08	57.98	752.10	-136.79	718.64	674.65	43.99	16.337	
11,900.00	11,043.00	11,484.69	10,662.00	31.32	20.85	57.98	852.09	-137.49	718.65	673.76	44.88	16.012	
12,000.00	11,043.00	11,584.69	10,662.00	31.99	21.71	57.98	952.09	-138.18	718.65	672.75	45.90	15.656	
12,100.00	11,043.00	11,684.69	10,662.00	32.70	22.64	57.98	1,052.09	-138.88	718.66	671.62	47.04	15.278	
12,200.00	11,043.00	11,784.69	10,662.00	33.45	23.63	57.98	1,152.09	-139.57	718.66	670.37	48.29	14.883	
12,300.00	11,043.00	11,884.69	10,662.00	34.25	24.68	57.98	1,252.08	-140.27	718.67	669.03	49.64	14.479	
12,400.00	11,043.00	11,984.69	10,662.00	35.09	25.77	57.98	1,352.08	-140.96	718.67	667.59	51.08	14.070	
12,500.00	11,043.00	12,084.69	10,662.00	35.96	26.90	57.98	1,452.08	-141.66	718.68	666.07	52.61	13.662	
12,600.00	11,043.00	12,184.69	10,662.00	36.86	28.06	57.99	1,552.08	-142.35	718.68	664.47	54.21	13.257	
12,700.00	11,043.00	12,284.69	10,662.00	37.80	29.25	57.99	1,652.07	-143.05	718.69	662.80	55.89	12.859	
12,800.00	11,043.00	12,384.69	10,662.00	38.76	30.46	57.99	1,752.07	-143.75	718.69	661.06	57.64	12.470	
12,900.00	11,043.00	12,484.69	10,662.00	39.76	31.70	57.99	1,852.07	-144.44	718.70	659.26	59.44	12.091	
13,000.00	11,043.00	12,584.69	10,662.00	40.78	32.95	57.99	1,952.07	-145.14	718.70	657.40	61.30	11.724	
13,100.00	11,043.00	12,684.69	10,662.00	41.82	34.22	57.99	2,052.06	-145.83	718.71	655.50	63.21	11.370	
13,200.00	11,043.00	12,784.69	10,662.00	42.89	35.50	57.99	2,152.06	-146.53	718.71	653.55	65.17	11.029	
13,300.00	11,043.00	12,884.69	10,662.00	43.97	36.80	57.99	2,252.06	-147.22	718.72	651.55	67.16	10.701	
13,400.00	11,043.00	12,984.69	10,662.00	45.08	38.11	57.99	2,352.06	-147.92	718.72	649.52	69.20	10.386	
13,500.00	11,043.00	13,084.69	10,662.00	46.20	39.42	57.99	2,452.05	-148.62	718.73	647.46	71.27	10.084	
13,600.00	11,043.00	13,184.69	10,662.00	47.35	40.75	57.99	2,552.05	-149.31	718.73	645.36	73.38	9.795	
13,700.00	11,043.00	13,284.69	10,662.00	48.50	42.09	57.99	2,652.05	-150.01	718.74	643.23	75.51	9.518	

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 703H
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 703H	**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 603H - 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	11,043.00	13,384.69	10,662.00	49.68	43.43	57.99	2,752.05	-150.70	718.74	641.07	77.68	9.253	
13,900.00	11,043.00	13,484.69	10,662.00	50.86	44.78	57.99	2,852.04	-151.40	718.75	638.89	79.86	9.000	
14,000.00	11,043.00	13,584.69	10,662.00	52.06	46.13	57.99	2,952.04	-152.09	718.75	636.68	82.07	8.757	
14,100.00	11,043.00	13,684.69	10,662.00	53.27	47.49	57.99	3,052.04	-152.79	718.76	634.45	84.31	8.526	
14,200.00	11,043.00	13,784.69	10,662.00	54.49	48.86	57.99	3,152.04	-153.48	718.76	632.21	86.56	8.304	
14,300.00	11,043.00	13,884.69	10,662.00	55.73	50.23	57.99	3,252.04	-154.18	718.77	629.94	88.83	8.092	
14,400.00	11,043.00	13,984.69	10,662.00	56.97	51.60	57.99	3,352.03	-154.88	718.77	627.66	91.12	7.889	
14,500.00	11,043.00	14,084.69	10,662.00	58.22	52.98	57.99	3,452.03	-155.57	718.78	625.36	93.42	7.694	
14,600.00	11,043.00	14,184.69	10,662.00	59.48	54.37	57.99	3,552.03	-156.27	718.79	623.05	95.74	7.508	
14,700.00	11,043.00	14,284.69	10,662.00	60.75	55.75	57.99	3,652.03	-156.96	718.79	620.72	98.07	7.329	
14,800.00	11,043.00	14,384.69	10,662.00	62.03	57.14	57.99	3,752.02	-157.66	718.80	618.38	100.41	7.158	
14,900.00	11,043.00	14,484.69	10,662.00	63.31	58.53	57.99	3,852.02	-158.35	718.80	616.03	102.77	6.994	
15,000.00	11,043.00	14,584.69	10,662.00	64.60	59.93	57.99	3,952.02	-159.05	718.81	613.67	105.14	6.837	
15,100.00	11,043.00	14,684.69	10,662.00	65.90	61.32	57.99	4,052.02	-159.75	718.81	611.30	107.52	6.686	
15,200.00	11,043.00	14,784.69	10,662.00	67.20	62.72	57.99	4,152.01	-160.44	718.82	608.91	109.90	6.540	
15,300.00	11,043.00	14,884.69	10,662.00	68.51	64.12	57.99	4,252.01	-161.14	718.82	606.52	112.30	6.401	
15,400.00	11,043.00	14,984.69	10,662.00	69.83	65.53	57.99	4,352.01	-161.83	718.83	604.12	114.70	6.267	
15,500.00	11,043.00	15,084.69	10,662.00	71.15	66.93	57.99	4,452.01	-162.53	718.83	601.71	117.12	6.138	
15,600.00	11,043.00	15,184.69	10,662.00	72.47	68.34	57.99	4,552.00	-163.22	718.84	599.30	119.54	6.013	
15,700.00	11,043.00	15,284.69	10,662.00	73.80	69.75	57.99	4,652.00	-163.92	718.84	596.88	121.97	5.894	
15,800.00	11,043.00	15,384.69	10,662.00	75.13	71.16	57.99	4,752.00	-164.61	718.85	594.45	124.40	5.778	
15,900.00	11,043.00	15,484.69	10,662.00	76.47	72.57	57.99	4,852.00	-165.31	718.85	592.01	126.84	5.667	
16,000.00	11,043.00	15,584.69	10,662.00	77.81	73.98	57.99	4,951.99	-166.01	718.86	589.57	129.29	5.560	
16,100.00	11,043.00	15,684.69	10,662.00	79.16	75.40	57.99	5,051.99	-166.70	718.86	587.12	131.74	5.457	
16,200.00	11,043.00	15,784.69	10,662.00	80.51	76.82	57.99	5,151.99	-167.40	718.87	584.67	134.20	5.357	
16,300.00	11,043.00	15,884.69	10,662.00	81.86	78.23	57.99	5,251.99	-168.09	718.87	582.21	136.66	5.260	
16,400.00	11,043.00	15,984.69	10,662.00	83.21	79.65	57.99	5,351.98	-168.79	718.88	579.75	139.13	5.167	
16,500.00	11,043.00	16,084.69	10,662.00	84.57	81.07	58.00	5,451.98	-169.48	718.88	577.28	141.60	5.077	
16,600.00	11,043.00	16,184.69	10,662.00	85.93	82.49	58.00	5,551.98	-170.18	718.89	574.81	144.08	4.990	
16,700.00	11,043.00	16,284.69	10,662.00	87.30	83.91	58.00	5,651.98	-170.88	718.89	572.34	146.56	4.905	
16,800.00	11,043.00	16,384.69	10,662.00	88.66	85.33	58.00	5,751.97	-171.57	718.90	569.86	149.04	4.824	
16,900.00	11,043.00	16,484.69	10,662.00	90.03	86.75	58.00	5,851.97	-172.27	718.90	567.38	151.53	4.744	
17,000.00	11,043.00	16,584.69	10,662.00	91.40	88.18	58.00	5,951.97	-172.96	718.91	564.89	154.02	4.668	
17,100.00	11,043.00	16,684.69	10,662.00	92.78	89.60	58.00	6,051.97	-173.66	718.91	562.40	156.51	4.593	
17,200.00	11,043.00	16,784.69	10,662.00	94.15	91.03	58.00	6,151.97	-174.35	718.92	559.91	159.01	4.521	
17,300.00	11,043.00	16,884.69	10,662.00	95.53	92.45	58.00	6,251.96	-175.05	718.92	557.41	161.51	4.451	
17,400.00	11,043.00	16,984.69	10,662.00	96.91	93.88	58.00	6,351.96	-175.74	718.93	554.91	164.01	4.383	
17,500.00	11,043.00	17,084.69	10,662.00	98.29	95.31	58.00	6,451.96	-176.44	718.93	552.41	166.52	4.317	
17,600.00	11,043.00	17,184.69	10,662.00	99.68	96.73	58.00	6,551.96	-177.14	718.94	549.91	169.03	4.253	
17,700.00	11,043.00	17,284.69	10,662.00	101.06	98.16	58.00	6,651.95	-177.83	718.95	547.40	171.54	4.191	
17,800.00	11,043.00	17,384.69	10,662.00	102.45	99.59	58.00	6,751.95	-178.53	718.95	544.90	174.06	4.131	
17,900.00	11,043.00	17,484.69	10,662.00	103.84	101.02	58.00	6,851.95	-179.22	718.96	542.38	176.57	4.072	
18,000.00	11,043.00	17,584.69	10,662.00	105.23	102.45	58.00	6,951.95	-179.92	718.96	539.87	179.09	4.015	
18,100.00	11,043.00	17,684.69	10,662.00	106.62	103.88	58.00	7,051.94	-180.61	718.97	537.36	181.61	3.959	
18,200.00	11,043.00	17,784.69	10,662.00	108.02	105.31	58.00	7,151.94	-181.31	718.97	534.84	184.13	3.905	
18,300.00	11,043.00	17,884.69	10,662.00	109.41	106.74	58.00	7,251.94	-182.01	718.98	532.32	186.66	3.852	
18,400.00	11,043.00	17,984.69	10,662.00	110.81	108.17	58.00	7,351.94	-182.70	718.98	529.80	189.18	3.800	
18,500.00	11,043.00	18,084.69	10,662.00	112.21	109.61	58.00	7,451.93	-183.40	718.99	527.27	191.71	3.750	
18,600.00	11,043.00	18,184.69	10,662.00	113.61	111.04	58.00	7,551.93	-184.09	718.99	524.75	194.24	3.702	
18,700.00	11,043.00	18,284.69	10,662.00	115.01	112.47	58.00	7,651.93	-184.79	719.00	522.22	196.77	3.654	
18,800.00	11,043.00	18,384.69	10,662.00	116.41	113.91	58.00	7,751.93	-185.48	719.00	519.70	199.31	3.608	
18,900.00	11,043.00	18,484.69	10,662.00	117.81	115.34	58.00	7,851.92	-186.18	719.01	517.17	201.84	3.562	

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 703H
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 703H	**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 603H - 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
19,000.00	11,043.00	18,584.69	10,662.00	119.21	116.77	58.00	7,951.92	-186.88	719.01	514.64	204.38	3.518	
19,100.00	11,043.00	18,684.69	10,662.00	120.62	118.21	58.00	8,051.92	-187.57	719.02	512.10	206.91	3.475	
19,200.00	11,043.00	18,784.69	10,662.00	122.02	119.64	58.00	8,151.92	-188.27	719.02	509.57	209.45	3.433	
19,300.00	11,043.00	18,884.69	10,662.00	123.43	121.08	58.00	8,251.91	-188.96	719.03	507.03	211.99	3.392	
19,400.00	11,043.00	18,984.69	10,662.00	124.84	122.51	58.00	8,351.91	-189.66	719.03	504.50	214.54	3.352	
19,500.00	11,043.00	19,084.69	10,662.00	126.25	123.95	58.00	8,451.91	-190.35	719.04	501.96	217.08	3.312	
19,600.00	11,043.00	19,184.69	10,662.00	127.66	125.38	58.00	8,551.91	-191.05	719.04	499.42	219.62	3.274	
19,700.00	11,043.00	19,284.69	10,662.00	129.07	126.82	58.00	8,651.90	-191.74	719.05	496.88	222.17	3.237	
19,800.00	11,043.00	19,384.69	10,662.00	130.48	128.26	58.00	8,751.90	-192.44	719.05	494.34	224.71	3.200	
19,900.00	11,043.00	19,484.69	10,662.00	131.89	129.69	58.00	8,851.90	-193.14	719.06	491.80	227.26	3.164	
20,000.00	11,043.00	19,584.69	10,662.00	133.30	131.13	58.00	8,951.90	-193.83	719.06	489.25	229.81	3.129	
20,100.00	11,043.00	19,684.69	10,662.00	134.71	132.57	58.00	9,051.90	-194.53	719.07	486.71	232.36	3.095	
20,200.00	11,043.00	19,784.69	10,662.00	136.13	134.00	58.00	9,151.89	-195.22	719.07	484.16	234.91	3.061	
20,300.00	11,043.00	19,884.69	10,662.00	137.54	135.44	58.01	9,251.89	-195.92	719.08	481.62	237.46	3.028	
20,400.00	11,043.00	19,984.69	10,662.00	138.96	136.88	58.01	9,351.89	-196.61	719.08	479.07	240.01	2.996	
20,500.00	11,043.00	20,084.69	10,662.00	140.37	138.32	58.01	9,451.89	-197.31	719.09	476.52	242.57	2.965	
20,600.00	11,043.00	20,184.69	10,662.00	141.79	139.75	58.01	9,551.88	-198.01	719.09	473.97	245.12	2.934	
20,700.00	11,043.00	20,284.69	10,662.00	143.21	141.19	58.01	9,651.88	-198.70	719.10	471.43	247.67	2.903	
20,800.00	11,043.00	20,384.69	10,662.00	144.63	142.63	58.01	9,751.88	-199.40	719.11	468.87	250.23	2.874	
20,900.00	11,043.00	20,484.69	10,662.00	146.04	144.07	58.01	9,851.88	-200.09	719.11	466.32	252.79	2.845	
21,000.00	11,043.00	20,584.69	10,662.00	147.46	145.51	58.01	9,951.87	-200.79	719.12	463.77	255.34	2.816	
21,100.00	11,043.00	20,684.69	10,662.00	148.88	146.95	58.01	10,051.87	-201.48	719.12	461.22	257.90	2.788	
21,200.00	11,043.00	20,784.69	10,662.00	150.30	148.39	58.01	10,151.87	-202.18	719.13	458.67	260.46	2.761	
21,274.60	11,043.00	20,859.29	10,662.00	151.36	149.33	58.01	10,226.46	-202.70	719.13	456.90	262.23	2.742	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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)	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	
2,100.00	2,100.00	2,100.36	2,100.35	5.71	5.75	-87.83	0.92	-24.23	24.25	12.82	11.43	2.121	
2,200.00	2,200.00	2,200.58	2,200.48	5.86	5.94	-79.30	4.15	-21.97	22.36	10.63	11.73	1.906	Collision Risk Procedures Req.
2,300.00	2,300.00	2,300.52	2,300.21	6.01	6.15	-62.41	9.52	-18.21	20.55	8.54	12.01	1.711	Collision Risk Procedures Req.
2,334.15	2,334.15	2,334.55	2,334.12	6.06	6.23	80.92	11.83	-16.59	20.35	8.25	12.11	1.681	Collision Risk Procedures Req., CC
2,400.00	2,399.99	2,400.00	2,399.27	6.17	6.38	100.98	16.98	-12.99	21.60	9.29	12.31	1.755	Collision Risk Procedures Req.
2,500.00	2,499.91	2,499.47	2,498.21	6.32	6.60	129.89	24.55	-6.14	28.41	15.66	12.75	2.229	
2,600.00	2,599.69	2,598.61	2,596.82	6.48	6.82	150.37	30.21	2.44	40.12	26.90	13.22	3.035	
2,633.33	2,632.91	2,631.53	2,629.55	6.50	6.90	155.59	31.67	5.68	45.01	31.67	13.34	3.375	
2,700.00	2,699.30	2,697.18	2,694.77	6.58	7.05	154.88	33.97	12.70	55.68	42.09	13.59	4.097	
2,800.00	2,798.77	2,795.01	2,791.85	6.76	7.27	154.94	35.84	24.59	73.68	59.68	14.00	5.262	
2,900.00	2,898.03	2,891.73	2,887.65	6.97	7.49	156.30	35.89	38.00	94.76	80.35	14.41	6.574	
2,918.37	2,916.24	2,909.36	2,905.07	6.99	7.53	156.64	35.71	40.62	99.02	84.54	14.48	6.840	
3,000.00	2,997.12	2,987.25	2,981.98	7.17	7.71	163.02	34.17	52.85	119.01	104.20	14.81	8.036	
3,100.00	3,096.21	3,081.92	3,075.17	7.40	7.91	169.19	30.75	69.14	145.50	130.28	15.21	9.564	
3,200.00	3,195.29	3,177.13	3,168.76	7.66	8.15	173.79	26.60	86.14	173.46	157.79	15.68	11.065	
3,300.00	3,294.38	3,272.34	3,262.35	7.93	8.41	177.12	22.46	103.15	202.18	186.00	16.19	12.490	
3,400.00	3,393.47	3,367.55	3,355.94	8.21	8.69	179.62	18.32	120.16	231.38	214.65	16.73	13.831	
3,500.00	3,492.55	3,462.77	3,449.53	8.51	8.98	-178.44	14.17	137.16	260.89	243.59	17.30	15.081	
3,600.00	3,591.64	3,557.98	3,543.12	8.82	9.28	-176.89	10.03	154.17	290.63	272.73	17.89	16.243	
3,700.00	3,690.73	3,653.19	3,636.71	9.13	9.59	-175.63	5.89	171.18	320.52	302.01	18.51	17.319	
3,800.00	3,789.81	3,748.40	3,730.30	9.46	9.92	-174.59	1.74	188.18	350.52	331.38	19.14	18.313	
3,900.00	3,888.90	3,843.61	3,823.89	9.79	10.25	-173.70	-2.40	205.19	380.62	360.83	19.79	19.233	
4,000.00	3,987.99	3,938.83	3,917.48	10.14	10.59	-172.95	-6.55	222.19	410.79	390.33	20.46	20.082	
4,100.00	4,087.07	4,034.04	4,011.07	10.48	10.93	-172.30	-10.69	239.20	441.01	419.88	21.13	20.867	
4,200.00	4,186.16	4,129.25	4,104.65	10.84	11.29	-171.74	-14.83	256.21	471.28	449.46	21.82	21.594	
4,300.00	4,285.25	4,224.46	4,198.24	11.20	11.65	-171.24	-18.98	273.21	501.59	479.06	22.53	22.266	
4,400.00	4,384.33	4,319.67	4,291.83	11.56	12.01	-170.80	-23.12	290.22	531.92	508.68	23.24	22.890	
4,500.00	4,483.42	4,414.89	4,385.42	11.93	12.38	-170.40	-27.26	307.23	562.28	538.32	23.96	23.469	
4,600.00	4,582.51	4,510.10	4,479.01	12.31	12.76	-170.05	-31.41	324.23	592.67	567.98	24.69	24.007	
4,700.00	4,681.59	4,605.31	4,572.60	12.68	13.14	-169.73	-35.55	341.24	623.07	597.64	25.42	24.507	
4,800.00	4,780.68	4,700.52	4,666.19	13.06	13.52	-169.44	-39.70	358.25	653.49	627.32	26.17	24.973	

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 703H
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 703H	**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
4,900.00	4,879.77	4,795.73	4,759.78	13.44	13.90	-169.18	-43.84	375.25	683.92	657.00	26.92	25.409	
5,000.00	4,978.85	4,890.95	4,853.37	13.83	14.29	-168.93	-47.98	392.26	714.36	686.69	27.67	25.815	
5,100.00	5,077.94	4,986.16	4,946.96	14.22	14.68	-168.71	-52.13	409.27	744.82	716.38	28.43	26.196	
5,200.00	5,177.03	5,081.37	5,040.55	14.61	15.08	-168.51	-56.27	426.27	775.28	746.08	29.20	26.552	
5,300.00	5,276.11	5,176.58	5,134.14	15.00	15.48	-168.32	-60.41	443.28	805.75	775.78	29.97	26.886	
5,400.00	5,375.20	5,271.79	5,227.72	15.40	15.88	-168.14	-64.56	460.28	836.23	805.49	30.74	27.201	
5,500.00	5,474.29	5,367.01	5,321.31	15.80	16.28	-167.98	-68.70	477.29	866.71	835.19	31.52	27.497	
5,600.00	5,573.38	5,462.22	5,414.90	16.19	16.68	-167.83	-72.85	494.30	897.21	864.90	32.30	27.775	
5,700.00	5,672.46	5,557.43	5,508.49	16.59	17.09	-167.69	-76.99	511.30	927.70	894.62	33.09	28.038	
5,800.00	5,771.55	5,652.64	5,602.08	17.00	17.49	-167.56	-81.13	528.31	958.21	924.33	33.88	28.286	
5,900.00	5,870.64	5,747.85	5,695.67	17.40	17.90	-167.43	-85.28	545.32	988.71	954.04	34.67	28.521	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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	89.66	0.15	25.00	25.00				
100.00	100.00	100.00	100.00	0.79	0.79	89.66	0.15	25.00	25.00	23.42	1.58	15.782	
200.00	200.00	200.00	200.00	1.45	1.45	89.66	0.15	25.00	25.00	22.10	2.90	8.623	
300.00	300.00	300.00	300.00	1.89	1.89	89.66	0.15	25.00	25.00	21.21	3.79	6.598	
400.00	400.00	400.00	400.00	2.26	2.26	89.66	0.15	25.00	25.00	20.49	4.51	5.541	
500.00	500.00	500.00	500.00	2.57	2.57	89.66	0.15	25.00	25.00	19.86	5.14	4.864	
600.00	600.00	600.00	600.00	2.85	2.85	89.66	0.15	25.00	25.00	19.30	5.70	4.384	
700.00	700.00	700.00	700.00	3.11	3.11	89.66	0.15	25.00	25.00	18.78	6.22	4.020	
800.00	800.00	800.00	800.00	3.35	3.35	89.66	0.15	25.00	25.00	18.30	6.70	3.731	
900.00	900.00	900.00	900.00	3.58	3.58	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	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	89.66	0.15	25.00	25.00	13.88	11.12	2.248	
2,100.00	2,100.00	2,100.00	2,100.00	5.71	5.71	89.66	0.15	25.00	25.00	13.57	11.43	2.188	
2,200.00	2,200.00	2,200.00	2,200.00	5.86	5.86	89.66	0.15	25.00	25.00	13.27	11.73	2.132	
2,300.00	2,300.00	2,300.00	2,300.00	6.01	6.01	89.66	0.15	25.00	25.00	12.98	12.02	2.080	CC, ES, SF
2,400.00	2,399.99	2,399.30	2,399.29	6.17	6.18	-137.70	0.37	26.27	27.24	14.91	12.33	2.209	
2,500.00	2,499.91	2,498.23	2,498.14	6.32	6.35	-142.87	1.04	30.06	34.14	21.52	12.62	2.705	
2,600.00	2,599.69	2,596.43	2,596.13	6.48	6.53	-147.94	2.15	36.32	46.00	33.06	12.94	3.554	
2,633.33	2,632.91	2,628.94	2,628.53	6.50	6.59	-149.36	2.61	38.94	51.06	38.04	13.02	3.921	
2,700.00	2,699.30	2,693.58	2,692.88	6.58	6.73	-161.02	3.67	44.95	62.81	49.59	13.22	4.752	
2,800.00	2,798.77	2,790.45	2,789.16	6.76	6.91	-172.60	4.66	55.67	83.64	70.07	13.56	6.166	
2,900.00	2,898.03	2,886.30	2,884.20	6.97	7.12	-179.01	3.93	67.96	107.68	93.74	13.95	7.720	
2,918.37	2,916.24	2,903.76	2,901.49	6.99	7.15	-179.82	3.61	70.38	112.47	98.46	14.01	8.029	
3,000.00	2,997.12	2,980.93	2,977.79	7.17	7.34	-177.70	1.53	81.73	134.48	120.14	14.34	9.380	
3,100.00	3,096.21	3,074.60	3,070.13	7.40	7.57	-175.25	-2.49	96.96	162.82	148.06	14.77	11.025	
3,200.00	3,195.29	3,167.22	3,161.07	7.66	7.82	-172.98	-8.06	113.56	192.77	177.55	15.22	12.664	
3,300.00	3,294.38	3,259.22	3,251.02	7.93	8.05	-170.85	-15.16	131.56	224.36	208.70	15.66	14.326	
3,400.00	3,393.47	3,353.58	3,343.11	8.21	8.30	-169.05	-23.00	150.55	256.69	240.53	16.17	15.877	
3,500.00	3,492.55	3,447.94	3,435.20	8.51	8.59	-167.66	-30.85	169.55	289.21	272.49	16.72	17.295	
3,600.00	3,591.64	3,542.29	3,527.29	8.82	8.89	-166.54	-38.69	188.55	321.84	304.54	17.30	18.603	
3,700.00	3,690.73	3,636.65	3,619.39	9.13	9.21	-165.63	-46.53	207.55	354.57	336.67	17.90	19.807	
3,800.00	3,789.81	3,731.01	3,711.48	9.46	9.53	-164.88	-54.38	226.55	387.36	368.84	18.52	20.914	
3,900.00	3,888.90	3,825.37	3,803.57	9.79	9.87	-164.24	-62.22	245.55	420.20	401.04	19.16	21.931	
4,000.00	3,987.99	3,919.73	3,895.66	10.14	10.21	-163.69	-70.06	264.55	453.08	433.27	19.81	22.866	
4,100.00	4,087.07	4,014.08	3,987.75	10.48	10.57	-163.22	-77.91	283.55	486.00	465.51	20.48	23.727	
4,200.00	4,186.16	4,108.44	4,079.84	10.84	10.93	-162.81	-85.75	302.55	518.94	497.77	21.16	24.519	
4,300.00	4,285.25	4,202.80	4,171.94	11.20	11.29	-162.45	-93.59	321.55	551.90	530.04	21.86	25.249	
4,400.00	4,384.33	4,297.16	4,264.03	11.56	11.67	-162.13	-101.44	340.54	584.87	562.31	22.56	25.923	
4,500.00	4,483.42	4,391.51	4,356.12	11.93	12.05	-161.84	-109.28	359.54	617.87	594.59	23.28	26.545	
4,600.00	4,582.51	4,485.87	4,448.21	12.31	12.43	-161.58	-117.12	378.54	650.87	626.87	24.00	27.121	
4,700.00	4,681.59	4,580.23	4,540.30	12.68	12.82	-161.35	-124.97	397.54	683.89	659.16	24.73	27.654	
4,800.00	4,780.68	4,674.59	4,632.40	13.06	13.21	-161.13	-132.81	416.54	716.91	691.44	25.47	28.150	
4,900.00	4,879.77	4,768.94	4,724.49	13.44	13.61	-160.94	-140.65	435.54	749.94	723.73	26.21	28.610	

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 703H
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 703H	**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 — **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	4,978.85	4,863.30	4,816.58	13.83	14.01	-160.76	-148.50	454.54	782.98	756.02	26.96	29.038	
5,100.00	5,077.94	4,957.66	4,908.67	14.22	14.41	-160.60	-156.34	473.54	816.03	788.31	27.72	29.438	
5,200.00	5,177.03	5,061.06	5,009.63	14.61	14.85	-160.44	-164.85	494.14	848.90	820.35	28.55	29.734	
5,300.00	5,276.11	5,182.43	5,128.76	15.00	15.37	-160.33	-173.71	515.61	879.52	849.99	29.52	29.790	
5,400.00	5,375.20	5,306.10	5,250.84	15.40	15.89	-160.31	-181.25	533.87	907.21	876.72	30.48	29.761	
5,500.00	5,474.29	5,431.88	5,375.58	15.80	16.40	-160.37	-187.36	548.69	931.89	900.48	31.41	29.668	
5,600.00	5,573.38	5,559.53	5,502.66	16.19	16.89	-160.50	-191.97	559.84	953.50	921.20	32.30	29.521	
5,700.00	5,672.46	5,688.81	5,631.69	16.59	17.34	-160.70	-194.97	567.12	971.98	938.84	33.13	29.335	
5,800.00	5,771.55	5,819.45	5,762.28	17.00	17.69	-160.98	-196.32	570.38	987.27	953.42	33.86	29.160	

Altitude Energy Partners
Anticollision Report

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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
0.00	0.00	0.00	0.00	0.00	0.00	89.64	1.09	174.97	174.97				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	1.09	174.97	174.97	173.39	1.58	110.452	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	1.09	174.97	174.97	172.07	2.90	60.351	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	1.09	174.97	174.97	171.18	3.79	46.182	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	1.09	174.97	174.97	170.46	4.51	38.780	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	1.09	174.97	174.97	169.83	5.14	34.045	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	1.09	174.97	174.97	169.27	5.70	30.682	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	1.09	174.97	174.97	168.75	6.22	28.132	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	1.09	174.97	174.97	168.27	6.70	26.112	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	1.09	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	1.09	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	1.09	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	1.09	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	1.09	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	1.09	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	1.09	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	1.09	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	1.09	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	1.09	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	1.09	174.97	174.97	164.17	10.81	16.191	
2,000.00	2,000.00	2,000.00	2,000.00	5.56	5.56	89.64	1.09	174.97	174.97	163.85	11.12	15.736	
2,100.00	2,100.00	2,100.81	2,100.80	5.71	5.73	90.07	-0.22	174.74	174.74	163.34	11.40	15.323	
2,200.00	2,200.00	2,201.47	2,201.38	5.86	5.88	91.36	-4.14	174.05	174.10	162.44	11.66	14.932	
2,300.00	2,300.00	2,301.86	2,301.55	6.01	6.06	93.52	-10.65	172.90	173.23	161.33	11.91	14.546	
2,345.40	2,345.40	2,347.20	2,346.73	6.08	6.11	-130.32	-14.32	172.25	173.03	161.02	12.01	14.413	CC, ES
2,400.00	2,399.99	2,401.67	2,401.02	6.17	6.20	-129.09	-18.76	171.47	173.32	161.18	12.14	14.281	
2,500.00	2,499.91	2,501.51	2,500.52	6.32	6.38	-127.36	-26.90	170.03	175.28	162.92	12.36	14.181	
2,600.00	2,599.69	2,601.40	2,600.06	6.48	6.58	-126.33	-35.05	168.60	178.93	166.34	12.59	14.211	
2,633.33	2,632.91	2,634.69	2,633.24	6.50	6.65	-126.14	-37.76	168.12	180.50	167.86	12.64	14.281	
2,700.00	2,699.30	2,701.24	2,699.55	6.58	6.79	-135.51	-43.19	167.16	184.39	171.62	12.77	14.444	
2,800.00	2,798.77	2,805.01	2,803.00	6.76	7.01	-146.37	-51.12	164.80	191.44	178.42	13.03	14.694	
2,900.00	2,898.03	2,909.72	2,907.38	6.97	7.25	-154.27	-57.64	160.01	198.56	185.22	13.34	14.889	
2,918.37	2,916.24	2,928.97	2,926.58	6.99	7.28	-155.48	-58.68	158.86	199.87	186.50	13.36	14.955	
3,000.00	2,997.12	3,011.40	3,008.72	7.17	7.42	-155.37	-62.81	153.45	205.34	191.76	13.58	15.120	
3,100.00	3,096.21	3,111.17	3,108.15	7.40	7.66	-155.25	-67.77	146.84	211.98	198.05	13.93	15.214	
3,200.00	3,195.29	3,210.95	3,207.59	7.66	7.90	-155.14	-72.73	140.23	218.62	204.31	14.31	15.278	
3,300.00	3,294.38	3,310.73	3,307.03	7.93	8.16	-155.04	-77.69	133.63	225.27	210.56	14.71	15.316	
3,400.00	3,393.47	3,410.51	3,406.46	8.21	8.43	-154.94	-82.65	127.02	231.91	216.78	15.13	15.331	
3,500.00	3,492.55	3,510.29	3,505.90	8.51	8.70	-154.85	-87.61	120.42	238.55	222.99	15.56	15.328	
3,600.00	3,591.64	3,610.07	3,605.33	8.82	8.98	-154.76	-92.57	113.81	245.20	229.18	16.02	15.309	
3,700.00	3,690.73	3,709.84	3,704.77	9.13	9.27	-154.68	-97.53	107.20	251.85	235.36	16.49	15.277	
3,800.00	3,789.81	3,809.62	3,804.20	9.46	9.57	-154.60	-102.49	100.60	258.49	241.53	16.97	15.235	
3,900.00	3,888.90	3,909.40	3,903.64	9.79	9.87	-154.52	-107.45	93.99	265.14	247.68	17.46	15.183	
4,000.00	3,987.99	4,009.18	4,003.08	10.14	10.18	-154.45	-112.42	87.39	271.79	253.82	17.97	15.125	
4,100.00	4,087.07	4,108.96	4,102.51	10.48	10.50	-154.38	-117.38	80.78	278.44	259.95	18.49	15.062	
4,200.00	4,186.16	4,208.74	4,201.95	10.84	10.81	-154.32	-122.34	74.17	285.08	266.07	19.01	14.995	
4,300.00	4,285.25	4,308.51	4,301.38	11.20	11.13	-154.26	-127.30	67.57	291.73	272.18	19.55	14.924	
4,400.00	4,384.33	4,408.29	4,400.82	11.56	11.46	-154.20	-132.26	60.96	298.38	278.29	20.09	14.851	
4,500.00	4,483.42	4,508.07	4,500.25	11.93	11.79	-154.14	-137.22	54.36	305.03	284.39	20.64	14.777	
4,600.00	4,582.51	4,607.85	4,599.69	12.31	12.12	-154.09	-142.18	47.75	311.68	290.48	21.20	14.702	
4,700.00	4,681.59	4,707.63	4,699.13	12.68	12.46	-154.04	-147.14	41.14	318.33	296.57	21.76	14.627	
4,800.00	4,780.68	4,807.40	4,798.56	13.06	12.79	-153.99	-152.10	34.54	324.98	302.65	22.33	14.552	

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 703H
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 703H	**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	4,879.77	4,907.18	4,898.00	13.44	13.13	-153.94	-157.06	27.93	331.63	308.72	22.91	14.477	
5,000.00	4,978.85	5,006.96	4,997.43	13.83	13.48	-153.90	-162.03	21.33	338.28	314.79	23.49	14.403	
5,100.00	5,077.94	5,106.74	5,096.87	14.22	13.82	-153.85	-166.99	14.72	344.93	320.86	24.07	14.329	
5,200.00	5,177.03	5,206.52	5,196.30	14.61	14.17	-153.81	-171.95	8.11	351.58	326.92	24.66	14.257	
5,300.00	5,276.11	5,306.30	5,295.74	15.00	14.52	-153.77	-176.91	1.51	358.23	332.98	25.25	14.186	
5,400.00	5,375.20	5,406.07	5,395.17	15.40	14.87	-153.73	-181.87	-5.10	364.88	339.03	25.85	14.116	
5,500.00	5,474.29	5,505.85	5,494.61	15.80	15.22	-153.69	-186.83	-11.70	371.53	345.09	26.45	14.047	
5,600.00	5,573.38	5,605.63	5,594.05	16.19	15.57	-153.66	-191.79	-18.31	378.19	351.14	27.05	13.982	
5,700.00	5,672.46	5,700.00	5,688.16	16.59	15.90	-153.73	-195.92	-23.81	385.50	357.85	27.65	13.944	
5,800.00	5,771.55	5,793.04	5,781.09	17.00	16.21	-154.04	-198.63	-27.42	394.41	366.15	28.26	13.956	
5,900.00	5,870.64	5,885.90	5,873.92	17.40	16.46	-154.59	-199.98	-29.22	404.97	376.09	28.89	14.020	
6,000.00	5,969.72	5,981.70	5,969.72	17.80	16.55	-155.32	-200.15	-29.44	417.01	387.56	29.44	14.163	
6,100.00	6,068.81	6,080.79	6,068.81	18.21	16.58	-156.08	-200.15	-29.44	429.32	399.31	30.01	14.308	
6,200.00	6,167.90	6,179.88	6,167.90	18.62	16.63	-156.78	-200.15	-29.44	441.69	411.13	30.57	14.450	
6,300.00	6,266.98	6,278.96	6,266.98	19.02	16.67	-157.45	-200.15	-29.44	454.13	423.01	31.12	14.591	
6,400.00	6,366.07	6,378.05	6,366.07	19.43	16.71	-158.09	-200.15	-29.44	466.63	434.95	31.68	14.730	
6,500.00	6,465.16	6,477.14	6,465.16	19.84	16.75	-158.69	-200.15	-29.44	479.18	446.96	32.23	14.868	
6,600.00	6,564.24	6,576.22	6,564.24	20.25	16.80	-159.26	-200.15	-29.44	491.78	459.01	32.77	15.005	
6,700.00	6,663.33	6,675.31	6,663.33	20.67	16.84	-159.80	-200.15	-29.44	504.43	471.11	33.32	15.140	
6,800.00	6,762.42	6,774.40	6,762.42	21.08	16.88	-160.32	-200.15	-29.44	517.12	483.26	33.86	15.273	
6,900.00	6,861.50	6,873.48	6,861.50	21.49	16.93	-160.81	-200.15	-29.44	529.85	495.45	34.40	15.404	
7,000.00	6,960.59	6,972.57	6,960.59	21.90	16.97	-161.27	-200.15	-29.44	542.61	507.68	34.93	15.534	
7,100.00	7,059.68	7,071.66	7,059.68	22.32	17.02	-161.72	-200.15	-29.44	555.41	519.95	35.46	15.662	
7,200.00	7,158.76	7,170.74	7,158.76	22.73	17.06	-162.15	-200.15	-29.44	568.24	532.25	35.99	15.788	
7,300.00	7,257.85	7,269.83	7,257.85	23.15	17.11	-162.55	-200.15	-29.44	581.10	544.58	36.52	15.911	
7,400.00	7,356.94	7,368.92	7,356.94	23.57	17.15	-162.94	-200.15	-29.44	593.99	556.94	37.05	16.033	
7,500.00	7,456.02	7,468.00	7,456.02	23.98	17.20	-163.32	-200.15	-29.44	606.90	569.33	37.57	16.153	
7,600.00	7,555.11	7,567.09	7,555.11	24.40	17.24	-163.67	-200.15	-29.44	619.84	581.75	38.09	16.271	
7,700.00	7,654.20	7,666.18	7,654.20	24.82	17.29	-164.02	-200.15	-29.44	632.80	594.19	38.61	16.387	
7,800.00	7,753.28	7,765.26	7,753.28	25.24	17.34	-164.35	-200.15	-29.44	645.78	606.65	39.13	16.502	
7,900.00	7,852.37	7,864.35	7,852.37	25.66	17.38	-164.66	-200.15	-29.44	658.79	619.13	39.65	16.614	
8,000.00	7,951.46	7,963.44	7,951.46	26.07	17.43	-164.97	-200.15	-29.44	671.81	631.64	40.17	16.724	
8,033.81	7,984.96	7,996.94	7,984.96	26.21	17.45	-165.07	-200.15	-29.44	676.21	635.88	40.34	16.764	
8,100.00	8,050.62	8,062.60	8,050.62	26.48	17.48	-165.28	-200.15	-29.44	684.30	643.63	40.67	16.828	
8,200.00	8,150.07	8,162.05	8,150.07	26.88	17.53	-165.54	-200.15	-29.44	694.42	653.27	41.15	16.875	
8,300.00	8,249.75	8,261.73	8,249.75	27.26	17.57	-165.72	-200.15	-29.44	702.04	660.43	41.60	16.874	
8,400.00	8,349.61	8,361.59	8,349.61	27.61	17.62	-165.85	-200.15	-29.44	707.12	665.11	42.01	16.831	
8,500.00	8,449.58	8,461.56	8,449.58	27.90	17.67	-165.91	-200.15	-29.44	709.67	667.31	42.36	16.752	
8,550.43	8,500.00	8,511.98	8,500.00	27.96	17.69	89.64	-200.15	-29.44	709.99	667.54	42.45	16.724	
8,600.00	8,549.57	8,561.56	8,549.57	27.97	17.72	89.64	-200.15	-29.44	709.99	667.51	42.49	16.711	
8,700.00	8,649.57	8,661.56	8,649.57	27.99	17.77	89.64	-200.15	-29.44	709.99	667.42	42.57	16.678	
8,800.00	8,749.57	8,761.56	8,749.57	28.02	17.82	89.64	-200.15	-29.44	709.99	667.34	42.66	16.645	
8,900.00	8,849.57	8,861.56	8,849.57	28.05	17.87	89.64	-200.15	-29.44	709.99	667.25	42.74	16.612	
9,000.00	8,949.57	8,961.56	8,949.57	28.08	17.92	89.64	-200.15	-29.44	709.99	667.17	42.83	16.579	
9,100.00	9,049.57	9,061.56	9,049.57	28.11	17.97	89.64	-200.15	-29.44	709.99	667.08	42.91	16.546	
9,200.00	9,149.57	9,161.56	9,149.57	28.14	18.02	89.64	-200.15	-29.44	709.99	667.00	43.00	16.512	
9,300.00	9,249.57	9,261.56	9,249.57	28.17	18.07	89.64	-200.15	-29.44	709.99	666.91	43.08	16.479	
9,400.00	9,349.58	9,361.56	9,349.58	28.19	18.12	89.64	-200.15	-29.44	709.99	666.82	43.17	16.446	
9,500.00	9,449.58	9,461.56	9,449.58	28.22	18.17	89.64	-200.15	-29.44	709.99	666.73	43.26	16.413	
9,600.00	9,549.58	9,561.56	9,549.58	28.25	18.22	89.64	-200.15	-29.44	709.99	666.65	43.35	16.379	
9,700.00	9,649.58	9,661.56	9,649.58	28.28	18.27	89.64	-200.15	-29.44	709.99	666.56	43.44	16.346	
9,800.00	9,749.58	9,761.56	9,749.58	28.31	18.32	89.64	-200.15	-29.44	709.99	666.47	43.52	16.313	

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 703H
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 703H	**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
9,900.00	9,849.58	9,861.56	9,849.58	28.34	18.37	89.64	-200.15	-29.44	709.99	666.38	43.61	16.279	
10,000.00	9,949.58	9,961.56	9,949.58	28.37	18.43	89.64	-200.15	-29.44	709.99	666.29	43.70	16.246	
10,100.00	10,049.58	10,061.56	10,049.58	28.41	18.48	89.64	-200.15	-29.44	709.99	666.20	43.79	16.213	
10,200.00	10,149.58	10,161.56	10,149.58	28.44	18.53	89.64	-200.15	-29.44	709.99	666.11	43.88	16.179	
10,300.00	10,249.58	10,261.56	10,249.58	28.47	18.58	89.64	-200.15	-29.44	709.99	666.02	43.97	16.146	
10,400.00	10,349.58	10,361.56	10,349.58	28.50	18.64	89.64	-200.15	-29.44	709.99	665.93	44.07	16.112	
10,500.00	10,449.58	10,461.56	10,449.58	28.53	18.69	89.64	-200.15	-29.44	709.99	665.84	44.16	16.079	
10,520.47	10,470.04	10,482.02	10,470.04	28.53	18.70	89.64	-200.15	-29.44	709.99	665.82	44.17	16.074	
10,550.00	10,499.56	10,511.54	10,499.56	28.53	18.72	90.10	-200.15	-29.44	709.99	665.81	44.18	16.070	
10,600.00	10,549.32	10,561.30	10,549.32	28.49	18.74	90.48	-200.15	-29.44	710.02	665.87	44.15	16.082	
10,650.00	10,598.47	10,610.45	10,598.47	28.45	18.77	91.19	-200.15	-29.44	710.15	666.10	44.05	16.120	
10,700.00	10,646.65	10,658.63	10,646.65	28.40	18.79	92.18	-200.15	-29.44	710.56	666.66	43.90	16.187	
10,750.00	10,693.48	10,705.46	10,693.48	28.36	18.82	93.41	-200.15	-29.44	711.48	667.80	43.68	16.288	
10,800.00	10,738.62	10,750.60	10,738.62	28.32	18.84	94.79	-200.15	-29.44	713.18	669.78	43.40	16.433	
10,850.00	10,781.71	10,793.69	10,781.71	28.28	18.87	96.25	-200.15	-29.44	716.02	672.96	43.06	16.630	
10,900.00	10,822.42	10,834.40	10,822.42	28.25	18.89	97.70	-200.15	-29.44	720.35	677.69	42.65	16.888	
10,950.00	10,860.46	10,872.44	10,860.46	28.22	18.91	99.03	-200.15	-29.44	726.53	684.34	42.19	17.220	
11,000.00	10,895.52	10,907.50	10,895.52	28.21	18.93	100.15	-200.15	-29.44	734.91	693.23	41.68	17.633	
11,050.00	10,927.35	10,939.33	10,927.35	28.22	18.95	100.96	-200.15	-29.44	745.79	704.67	41.12	18.137	
11,100.00	10,955.69	10,967.67	10,955.69	28.24	18.96	101.39	-200.15	-29.44	759.41	718.88	40.53	18.738	
11,150.00	10,980.34	10,992.32	10,980.34	28.28	18.97	101.33	-200.15	-29.44	775.90	735.99	39.91	19.440	
11,200.00	11,001.10	11,013.08	11,001.10	28.34	18.98	100.73	-200.15	-29.44	795.33	756.04	39.29	20.244	
11,250.00	11,017.83	11,029.81	11,017.83	28.43	18.99	99.51	-200.15	-29.44	817.64	778.98	38.66	21.147	
11,300.00	11,030.38	11,042.36	11,030.38	28.53	18.99	97.60	-200.15	-29.44	842.68	804.63	38.06	22.143	
11,350.00	11,038.67	11,983.13	11,628.00	28.67	19.38	132.29	383.19	-111.38	868.01	816.04	51.97	16.702	
11,400.00	11,042.63	12,023.63	11,628.00	28.82	19.59	132.88	423.36	-116.50	860.94	808.52	52.42	16.423	
11,420.47	11,043.00	12,040.30	11,628.00	28.89	19.68	133.08	439.92	-118.45	859.05	806.44	52.61	16.329	
11,500.00	11,043.00	12,100.00	11,628.00	29.20	20.02	133.35	499.30	-124.63	853.52	800.25	53.27	16.024	
11,600.00	11,043.00	12,187.35	11,628.00	29.64	20.57	133.64	586.38	-131.43	848.42	794.13	54.29	15.628	
11,700.00	11,043.00	12,269.67	11,628.00	30.15	21.13	133.80	668.60	-135.41	845.43	790.17	55.26	15.299	
11,794.06	11,043.00	12,347.22	11,628.00	30.67	21.68	133.84	746.14	-136.99	844.52	788.34	56.18	15.032	
11,800.00	11,043.00	12,353.17	11,628.00	30.71	21.72	133.84	752.08	-137.03	844.52	788.26	56.26	15.012	
11,900.00	11,043.00	12,453.17	11,628.00	31.32	22.49	133.84	852.08	-137.73	844.52	786.92	57.60	14.661	
12,000.00	11,043.00	12,553.17	11,628.00	31.99	23.32	133.84	952.07	-138.42	844.53	785.52	59.01	14.312	
12,100.00	11,043.00	12,653.17	11,628.00	32.70	24.22	133.84	1,052.07	-139.11	844.54	784.06	60.48	13.964	
12,200.00	11,043.00	12,753.17	11,628.00	33.45	25.17	133.84	1,152.07	-139.81	844.54	782.54	62.00	13.621	
12,300.00	11,043.00	12,853.17	11,628.00	34.25	26.17	133.84	1,252.07	-140.50	844.55	780.97	63.58	13.284	
12,400.00	11,043.00	12,953.17	11,628.00	35.09	27.21	133.84	1,352.06	-141.19	844.55	779.35	65.20	12.953	
12,500.00	11,043.00	13,053.17	11,628.00	35.96	28.29	133.84	1,452.06	-141.88	844.56	777.69	66.87	12.631	
12,600.00	11,043.00	13,153.17	11,628.00	36.86	29.40	133.84	1,552.06	-142.58	844.57	775.99	68.57	12.316	
12,700.00	11,043.00	13,253.17	11,628.00	37.80	30.55	133.84	1,652.06	-143.27	844.57	774.26	70.32	12.011	
12,800.00	11,043.00	13,353.17	11,628.00	38.76	31.72	133.84	1,752.05	-143.96	844.58	772.48	72.10	11.714	
12,900.00	11,043.00	13,453.17	11,628.00	39.76	32.92	133.84	1,852.05	-144.66	844.59	770.68	73.91	11.427	
13,000.00	11,043.00	13,553.17	11,628.00	40.78	34.13	133.84	1,952.05	-145.35	844.59	768.84	75.75	11.150	
13,100.00	11,043.00	13,653.17	11,628.00	41.82	35.37	133.84	2,052.05	-146.04	844.60	766.98	77.62	10.881	
13,200.00	11,043.00	13,753.17	11,628.00	42.89	36.62	133.84	2,152.04	-146.74	844.60	765.09	79.52	10.622	
13,300.00	11,043.00	13,853.17	11,628.00	43.97	37.88	133.84	2,252.04	-147.43	844.61	763.17	81.44	10.371	
13,400.00	11,043.00	13,953.17	11,628.00	45.08	39.16	133.84	2,352.04	-148.12	844.62	761.24	83.38	10.130	
13,500.00	11,043.00	14,053.17	11,628.00	46.20	40.45	133.84	2,452.04	-148.82	844.62	759.28	85.34	9.897	
13,600.00	11,043.00	14,153.17	11,628.00	47.35	41.75	133.84	2,552.03	-149.51	844.63	757.31	87.32	9.673	
13,700.00	11,043.00	14,253.17	11,628.00	48.50	43.07	133.84	2,652.03	-150.20	844.64	755.31	89.32	9.456	
13,800.00	11,043.00	14,353.17	11,628.00	49.68	44.39	133.84	2,752.03	-150.89	844.64	753.30	91.34	9.247	

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 703H
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 703H	**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
13,900.00	11,043.00	14,453.17	11,628.00	50.86	45.71	133.84	2,852.03	-151.59	844.65	751.28	93.37	9.046	
14,000.00	11,043.00	14,553.17	11,628.00	52.06	47.05	133.84	2,952.03	-152.28	844.65	749.24	95.42	8.852	
14,100.00	11,043.00	14,653.17	11,628.00	53.27	48.39	133.84	3,052.02	-152.97	844.66	747.18	97.48	8.665	
14,200.00	11,043.00	14,753.17	11,628.00	54.49	49.74	133.83	3,152.02	-153.67	844.67	745.11	99.55	8.484	
14,300.00	11,043.00	14,853.17	11,628.00	55.73	51.10	133.83	3,252.02	-154.36	844.67	743.03	101.64	8.310	
14,400.00	11,043.00	14,953.17	11,628.00	56.97	52.45	133.83	3,352.02	-155.05	844.68	740.94	103.74	8.142	
14,500.00	11,043.00	15,053.17	11,628.00	58.22	53.82	133.83	3,452.01	-155.75	844.69	738.84	105.85	7.980	
14,600.00	11,043.00	15,153.17	11,628.00	59.48	55.19	133.83	3,552.01	-156.44	844.69	736.73	107.97	7.824	
14,700.00	11,043.00	15,253.17	11,628.00	60.75	56.56	133.83	3,652.01	-157.13	844.70	734.60	110.09	7.673	
14,800.00	11,043.00	15,353.17	11,628.00	62.03	57.94	133.83	3,752.01	-157.82	844.70	732.47	112.23	7.526	
14,900.00	11,043.00	15,453.17	11,628.00	63.31	59.32	133.83	3,852.00	-158.52	844.71	730.33	114.38	7.385	
15,000.00	11,043.00	15,553.17	11,628.00	64.60	60.70	133.83	3,952.00	-159.21	844.72	728.19	116.53	7.249	
15,100.00	11,043.00	15,653.17	11,628.00	65.90	62.08	133.83	4,052.00	-159.90	844.72	726.03	118.69	7.117	
15,200.00	11,043.00	15,753.17	11,628.00	67.20	63.47	133.83	4,152.00	-160.60	844.73	723.87	120.86	6.989	
15,300.00	11,043.00	15,853.17	11,628.00	68.51	64.86	133.83	4,251.99	-161.29	844.74	721.70	123.04	6.866	
15,400.00	11,043.00	15,953.17	11,628.00	69.83	66.26	133.83	4,351.99	-161.98	844.74	719.53	125.22	6.746	
15,500.00	11,043.00	16,053.17	11,628.00	71.15	67.65	133.83	4,451.99	-162.68	844.75	717.34	127.40	6.630	
15,600.00	11,043.00	16,153.17	11,628.00	72.47	69.05	133.83	4,551.99	-163.37	844.75	715.16	129.60	6.518	
15,700.00	11,043.00	16,253.17	11,628.00	73.80	70.45	133.83	4,651.98	-164.06	844.76	712.96	131.80	6.410	
15,800.00	11,043.00	16,353.17	11,628.00	75.13	71.86	133.83	4,751.98	-164.76	844.77	710.77	134.00	6.304	
15,900.00	11,043.00	16,453.17	11,628.00	76.47	73.26	133.83	4,851.98	-165.45	844.77	708.56	136.21	6.202	
16,000.00	11,043.00	16,553.17	11,628.00	77.81	74.67	133.83	4,951.98	-166.14	844.78	706.35	138.43	6.103	
16,100.00	11,043.00	16,653.17	11,628.00	79.16	76.07	133.83	5,051.97	-166.83	844.79	704.14	140.64	6.007	
16,200.00	11,043.00	16,753.17	11,628.00	80.51	77.48	133.83	5,151.97	-167.53	844.79	701.93	142.87	5.913	
16,300.00	11,043.00	16,853.17	11,628.00	81.86	78.89	133.83	5,251.97	-168.22	844.80	699.70	145.09	5.822	
16,400.00	11,043.00	16,953.17	11,628.00	83.21	80.30	133.83	5,351.97	-168.91	844.80	697.48	147.32	5.734	
16,500.00	11,043.00	17,053.17	11,628.00	84.57	81.72	133.83	5,451.97	-169.61	844.81	695.25	149.56	5.649	
16,600.00	11,043.00	17,153.17	11,628.00	85.93	83.13	133.82	5,551.96	-170.30	844.82	693.02	151.80	5.565	
16,700.00	11,043.00	17,253.17	11,628.00	87.30	84.55	133.82	5,651.96	-170.99	844.82	690.78	154.04	5.484	
16,800.00	11,043.00	17,353.17	11,628.00	88.66	85.96	133.82	5,751.96	-171.69	844.83	688.54	156.28	5.406	
16,900.00	11,043.00	17,453.17	11,628.00	90.03	87.38	133.82	5,851.96	-172.38	844.84	686.30	158.53	5.329	
17,000.00	11,043.00	17,553.17	11,628.00	91.40	88.80	133.82	5,951.95	-173.07	844.84	684.06	160.78	5.255	
17,100.00	11,043.00	17,653.17	11,628.00	92.78	90.22	133.82	6,051.95	-173.77	844.85	681.81	163.04	5.182	
17,200.00	11,043.00	17,753.17	11,628.00	94.15	91.64	133.82	6,151.95	-174.46	844.85	679.56	165.30	5.111	
17,300.00	11,043.00	17,853.17	11,628.00	95.53	93.06	133.82	6,251.95	-175.15	844.86	677.31	167.56	5.042	
17,400.00	11,043.00	17,953.17	11,628.00	96.91	94.48	133.82	6,351.94	-175.84	844.87	675.05	169.82	4.975	
17,500.00	11,043.00	18,053.17	11,628.00	98.29	95.90	133.82	6,451.94	-176.54	844.87	672.79	172.08	4.910	
17,600.00	11,043.00	18,153.17	11,628.00	99.68	97.33	133.82	6,551.94	-177.23	844.88	670.53	174.35	4.846	
17,700.00	11,043.00	18,253.17	11,628.00	101.06	98.75	133.82	6,651.94	-177.92	844.89	668.27	176.62	4.784	
17,800.00	11,043.00	18,353.17	11,628.00	102.45	100.18	133.82	6,751.93	-178.62	844.89	666.00	178.89	4.723	
17,900.00	11,043.00	18,453.17	11,628.00	103.84	101.60	133.82	6,851.93	-179.31	844.90	663.73	181.16	4.664	
18,000.00	11,043.00	18,553.17	11,628.00	105.23	103.03	133.82	6,951.93	-180.00	844.90	661.47	183.44	4.606	
18,100.00	11,043.00	18,653.17	11,628.00	106.62	104.45	133.82	7,051.93	-180.70	844.91	659.19	185.72	4.549	
18,200.00	11,043.00	18,753.17	11,628.00	108.02	105.88	133.82	7,151.92	-181.39	844.92	656.92	188.00	4.494	
18,300.00	11,043.00	18,853.17	11,628.00	109.41	107.31	133.82	7,251.92	-182.08	844.92	654.65	190.28	4.440	
18,400.00	11,043.00	18,953.17	11,628.00	110.81	108.74	133.82	7,351.92	-182.78	844.93	652.37	192.56	4.388	
18,500.00	11,043.00	19,053.17	11,628.00	112.21	110.17	133.82	7,451.92	-183.47	844.94	650.09	194.85	4.336	
18,600.00	11,043.00	19,153.17	11,628.00	113.61	111.59	133.82	7,551.91	-184.16	844.94	647.81	197.13	4.286	
18,700.00	11,043.00	19,253.17	11,628.00	115.01	113.02	133.82	7,651.91	-184.85	844.95	645.53	199.42	4.237	
18,800.00	11,043.00	19,353.17	11,628.00	116.41	114.45	133.82	7,751.91	-185.55	844.96	643.25	201.71	4.189	
18,900.00	11,043.00	19,453.17	11,628.00	117.81	115.89	133.82	7,851.91	-186.24	844.96	640.96	204.00	4.142	
19,000.00	11,043.00	19,553.17	11,628.00	119.21	117.32	133.82	7,951.91	-186.93	844.97	638.67	206.29	4.096	

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 703H
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 703H	**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
19,100.00	11,043.00	19,653.17	11,628.00	120.62	118.75	133.81	8,051.90	-187.63	844.97	636.39	208.59	4.051	
19,200.00	11,043.00	19,753.17	11,628.00	122.02	120.18	133.81	8,151.90	-188.32	844.98	634.10	210.88	4.007	
19,300.00	11,043.00	19,853.17	11,628.00	123.43	121.61	133.81	8,251.90	-189.01	844.99	631.81	213.18	3.964	
19,400.00	11,043.00	19,953.17	11,628.00	124.84	123.04	133.81	8,351.90	-189.71	844.99	629.52	215.48	3.922	
19,500.00	11,043.00	20,053.17	11,628.00	126.25	124.48	133.81	8,451.89	-190.40	845.00	627.22	217.78	3.880	
19,600.00	11,043.00	20,153.17	11,628.00	127.66	125.91	133.81	8,551.89	-191.09	845.01	624.93	220.08	3.840	
19,700.00	11,043.00	20,253.17	11,628.00	129.07	127.34	133.81	8,651.89	-191.78	845.01	622.63	222.38	3.800	
19,800.00	11,043.00	20,353.17	11,628.00	130.48	128.78	133.81	8,751.89	-192.48	845.02	620.34	224.68	3.761	
19,900.00	11,043.00	20,453.17	11,628.00	131.89	130.21	133.81	8,851.88	-193.17	845.02	618.04	226.98	3.723	
20,000.00	11,043.00	20,553.17	11,628.00	133.30	131.65	133.81	8,951.88	-193.86	845.03	615.74	229.29	3.685	
20,100.00	11,043.00	20,653.17	11,628.00	134.71	133.08	133.81	9,051.88	-194.56	845.04	613.44	231.59	3.649	
20,200.00	11,043.00	20,753.17	11,628.00	136.13	134.52	133.81	9,151.88	-195.25	845.04	611.14	233.90	3.613	
20,300.00	11,043.00	20,853.17	11,628.00	137.54	135.95	133.81	9,251.87	-195.94	845.05	608.84	236.21	3.578	
20,400.00	11,043.00	20,953.17	11,628.00	138.96	137.39	133.81	9,351.87	-196.64	845.06	606.54	238.52	3.543	
20,500.00	11,043.00	21,053.17	11,628.00	140.37	138.82	133.81	9,451.87	-197.33	845.06	604.24	240.82	3.509	
20,600.00	11,043.00	21,153.17	11,628.00	141.79	140.26	133.81	9,551.87	-198.02	845.07	601.93	243.14	3.476	
20,700.00	11,043.00	21,253.17	11,628.00	143.21	141.70	133.81	9,651.86	-198.72	845.07	599.63	245.45	3.443	
20,800.00	11,043.00	21,353.17	11,628.00	144.63	143.13	133.81	9,751.86	-199.41	845.08	597.32	247.76	3.411	
20,900.00	11,043.00	21,453.17	11,628.00	146.04	144.57	133.81	9,851.86	-200.10	845.09	595.02	250.07	3.379	
21,000.00	11,043.00	21,553.17	11,628.00	147.46	146.01	133.81	9,951.86	-200.79	845.09	592.71	252.38	3.348	
21,100.00	11,043.00	21,653.17	11,628.00	148.88	147.44	133.81	10,051.85	-201.49	845.10	590.40	254.70	3.318	
21,200.00	11,043.00	21,753.17	11,628.00	150.30	148.88	133.81	10,151.85	-202.18	845.11	588.09	257.01	3.288	
21,274.60	11,043.00	21,827.76	11,628.00	151.36	149.89	133.81	10,226.45	-202.70	845.11	586.45	258.66	3.267 SF	

FRANKLIN MOUNTAIN ENERGY

Altitude Energy Partners

Anticollision Report

ALTITUDE ENERGY PARTNERS

Company:	Franklin Mountain Energy	**Local Co-ordinate Reference:**	Well Treble State Com 703H
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 703H	**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	1.25	199.97	199.97				
100.00	100.00	100.00	100.00	0.79	0.79	89.64	1.25	199.97	199.97	198.39	1.58	126.233	
200.00	200.00	200.00	200.00	1.45	1.45	89.64	1.25	199.97	199.97	197.07	2.90	68.974	
300.00	300.00	300.00	300.00	1.89	1.89	89.64	1.25	199.97	199.97	196.19	3.79	52.780	
400.00	400.00	400.00	400.00	2.26	2.26	89.64	1.25	199.97	199.97	195.46	4.51	44.321	
500.00	500.00	500.00	500.00	2.57	2.57	89.64	1.25	199.97	199.97	194.83	5.14	38.910	
600.00	600.00	600.00	600.00	2.85	2.85	89.64	1.25	199.97	199.97	194.27	5.70	35.066	
700.00	700.00	700.00	700.00	3.11	3.11	89.64	1.25	199.97	199.97	193.75	6.22	32.152	
800.00	800.00	800.00	800.00	3.35	3.35	89.64	1.25	199.97	199.97	193.27	6.70	29.843	
900.00	900.00	900.00	900.00	3.58	3.58	89.64	1.25	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	1.25	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	1.25	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	1.25	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	1.25	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	1.25	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	1.25	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	1.25	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	1.25	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	1.25	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	1.25	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	1.25	199.97	199.97	188.85	11.12	17.984	CC, ES
2,100.00	2,100.00	2,095.10	2,095.09	5.71	5.73	89.71	1.02	201.13	201.19	189.76	11.44	17.593	
2,200.00	2,200.00	2,190.08	2,190.00	5.86	5.89	89.90	0.34	204.61	204.85	193.11	11.74	17.447	SF
2,300.00	2,300.00	2,284.83	2,284.56	6.01	6.07	90.21	-0.79	210.39	210.95	198.90	12.05	17.502	
2,400.00	2,399.99	2,379.15	2,378.52	6.17	6.26	-134.51	-2.36	218.42	220.40	208.03	12.37	17.818	
2,500.00	2,499.91	2,472.73	2,471.53	6.32	6.48	-134.54	-4.36	228.64	234.07	221.39	12.68	18.457	
2,600.00	2,599.69	2,565.32	2,563.26	6.48	6.71	-134.80	-6.77	240.95	251.93	238.91	13.02	19.353	
2,633.33	2,632.91	2,595.92	2,593.51	6.50	6.78	-134.93	-7.66	245.50	258.81	245.71	13.10	19.754	
2,700.00	2,699.30	2,656.65	2,653.42	6.58	6.95	-145.01	-9.56	255.23	274.06	260.75	13.31	20.591	
2,800.00	2,798.77	2,748.28	2,743.52	6.76	7.18	-156.70	-12.76	271.58	300.69	287.02	13.67	21.992	
2,900.00	2,898.03	2,843.81	2,837.35	6.97	7.44	-165.06	-16.20	289.20	330.23	316.10	14.12	23.385	
2,918.37	2,916.24	2,861.29	2,854.51	6.99	7.49	-166.31	-16.83	292.42	335.90	321.70	14.20	23.660	
3,000.00	2,997.12	2,938.86	2,930.71	7.17	7.72	-166.22	-19.63	306.73	361.30	346.71	14.59	24.761	
3,100.00	3,096.21	3,033.90	3,024.05	7.40	8.01	-166.11	-23.06	324.26	392.41	377.30	15.11	25.971	
3,200.00	3,195.29	3,128.93	3,117.39	7.66	8.32	-166.03	-26.49	341.78	423.52	407.86	15.66	27.050	
3,300.00	3,294.38	3,223.97	3,210.73	7.93	8.64	-165.95	-29.92	359.31	454.63	438.40	16.23	28.012	
3,400.00	3,393.47	3,319.00	3,304.08	8.21	8.97	-165.89	-33.34	376.83	485.75	468.92	16.83	28.869	
3,500.00	3,492.55	3,414.04	3,397.42	8.51	9.31	-165.83	-36.77	394.36	516.86	499.42	17.44	29.631	
3,600.00	3,591.64	3,509.07	3,490.76	8.82	9.66	-165.78	-40.20	411.88	547.98	529.90	18.08	30.309	
3,700.00	3,690.73	3,604.11	3,584.10	9.13	10.01	-165.73	-43.63	429.41	579.09	560.36	18.73	30.913	
3,800.00	3,789.81	3,699.14	3,677.45	9.46	10.38	-165.69	-47.06	446.94	610.21	590.81	19.40	31.452	
3,900.00	3,888.90	3,794.18	3,770.79	9.79	10.74	-165.65	-50.48	464.46	641.33	621.24	20.08	31.932	
4,000.00	3,987.99	3,889.21	3,864.13	10.14	11.12	-165.62	-53.91	481.99	672.44	651.66	20.78	32.361	
4,100.00	4,087.07	3,984.25	3,957.47	10.48	11.49	-165.59	-57.34	499.51	703.56	682.07	21.49	32.746	
4,200.00	4,186.16	4,079.28	4,050.81	10.84	11.88	-165.56	-60.77	517.04	734.67	712.47	22.20	33.091	
4,300.00	4,285.25	4,174.32	4,144.16	11.20	12.26	-165.53	-64.19	534.56	765.79	742.86	22.93	33.401	
4,400.00	4,384.33	4,269.35	4,237.50	11.56	12.65	-165.51	-67.62	552.09	796.91	773.25	23.66	33.680	
4,500.00	4,483.42	4,364.39	4,330.84	11.93	13.05	-165.49	-71.05	569.62	828.02	803.62	24.40	33.932	
4,600.00	4,582.51	4,459.42	4,424.18	12.31	13.44	-165.47	-74.48	587.14	859.14	833.99	25.15	34.159	
4,700.00	4,681.59	4,554.46	4,517.52	12.68	13.84	-165.45	-77.91	604.67	890.26	864.35	25.91	34.365	
4,800.00	4,780.68	4,649.49	4,610.87	13.06	14.24	-165.43	-81.33	622.19	921.38	894.71	26.67	34.551	
4,900.00	4,879.77	4,744.53	4,704.21	13.44	14.65	-165.42	-84.76	639.72	952.49	925.06	27.43	34.721	

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 703H
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 703H	**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	4,978.85	4,839.56	4,797.55	13.83	15.05	-165.40	-88.19	657.24	983.61	955.41	28.20	34.875	

Altitude Energy Partners
Anticollision Report

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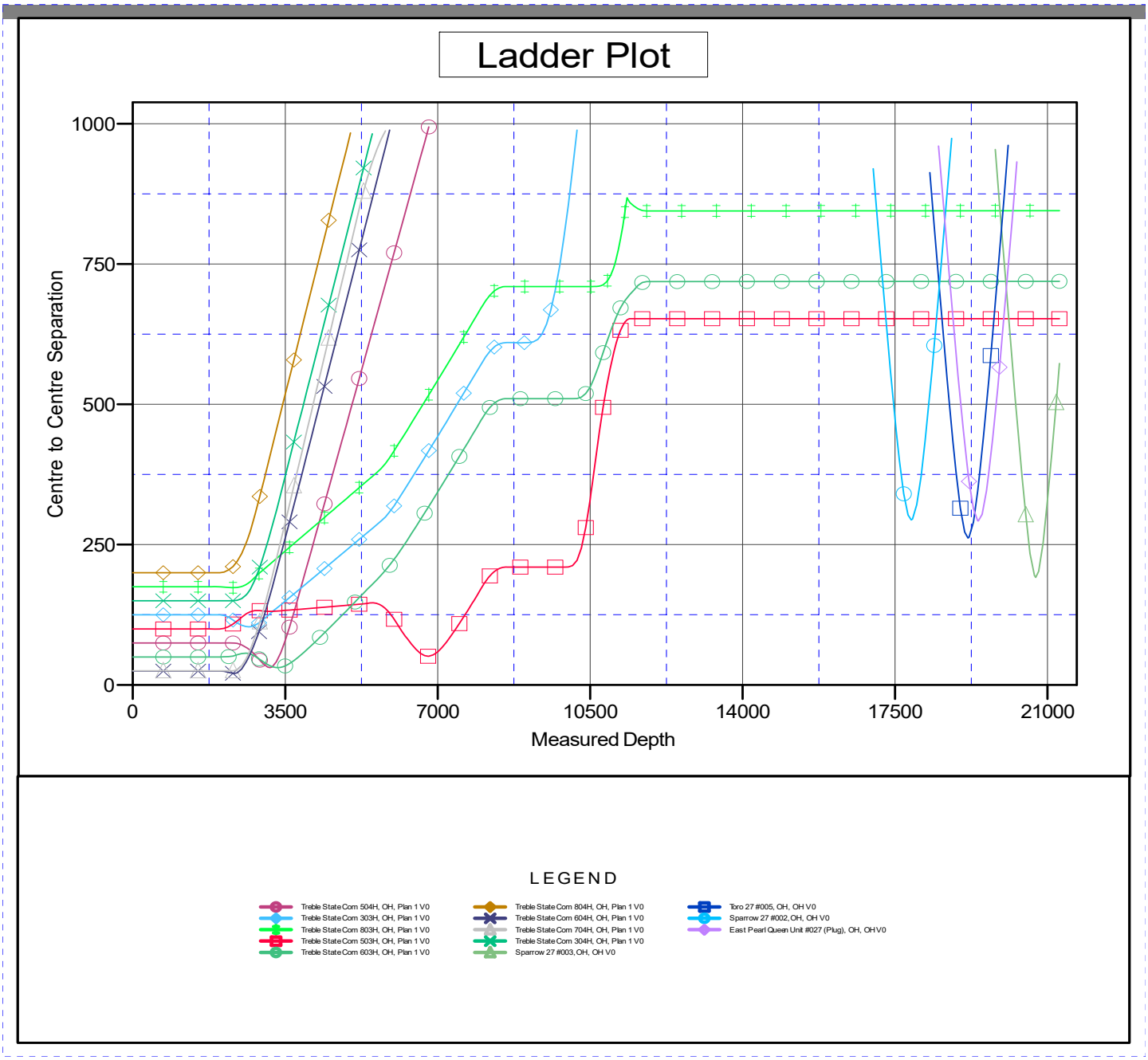
Reference Well:	Treble State Com 703H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	DM Local
Reference Design:	Plan 1	**Offset TVD Reference:**	Offset Datum

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 703H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.48°



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 703H
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