

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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

|   |
|---|
| WELL API NO.<br>30-025-52411  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>ALPHA STATE COM   |
| 8. Well Number 703H   |
| 9. OGRID Number 331595  |
| 10. Pool name [55640] SCHARB;<br>WOLFCAMP   |

|  |   |
|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)               |   |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>   | 7. Lease Name or Unit Agreement Name<br>ALPHA STATE COM |
| 2. Name of Operator FRANKLIN MOUNTAIN ENERGY 3, LLC  | 8. Well Number 703H                                     |
| 3. Address of Operator 44 COOK STREET, SUITE 1000, DENVER, CO 80206  | 9. OGRID Number 331595                                  |
| 4. Well Location<br>Unit Letter <u>O</u> : <u>452</u> feet from the <u>SOUTH</u> line and <u>1335</u> feet from the <u>EAST</u> line<br>Section <u>4</u> Township <u>19S</u> Range <u>35E</u> NMPM County <u>Lea</u> | 10. Pool name [55640] SCHARB;<br>WOLFCAMP               |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3891   |   |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☒  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Franklin Mountain Energy 3, LLC (FME3), Operator, respectfully requests approval to make the following changes to the APD and drilling plan for the above referenced well:

Surface Hole Location: FME requests approval to move wellhead surface location the permitted SHL for the ALPHA STATE COM #504H (30-025-52408) well. A separate sundry will be submitted to address the SHL move for the Alpha 504H well.

The **ALPHA STATE COM #703H would move** from O-4-19S-35E, 452 FSL 1335 FEL to **O-4-19S-35E, 452 FSL 1305 FEL**. Target formation remains the same.

BHL remains the same: B-33-18S-35E, 130 FNL 2290 FEL

Please see attached revised C-102, directional plan, 14-point plan and geoprogram.

Spud Date:

Rig Release Date:

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

SIGNATURE  TITLE Dir. Ops Planning & Regulatory DATE 6/3/2024

Type or print name Rachael Overbey E-mail address: roverbey@fmellc.com PHONE: 303.570.4057  
**For State Use Only**

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

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

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |   |   |
|---|---|---|
| <sup>1</sup> API Number<br>30-025-52411 | <sup>2</sup> Pool Code<br>55640                               | <sup>3</sup> Pool Name<br>SCHARB;WOLFCAMP |
| <sup>4</sup> Property Code<br>334693    | <sup>5</sup> Property Name<br>ALPHA STATE COM                 | <sup>6</sup> Well Number<br>703H          |
| <sup>7</sup> OGRID No.<br>331595        | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC | <sup>9</sup> Elevation<br>3891.5'         |

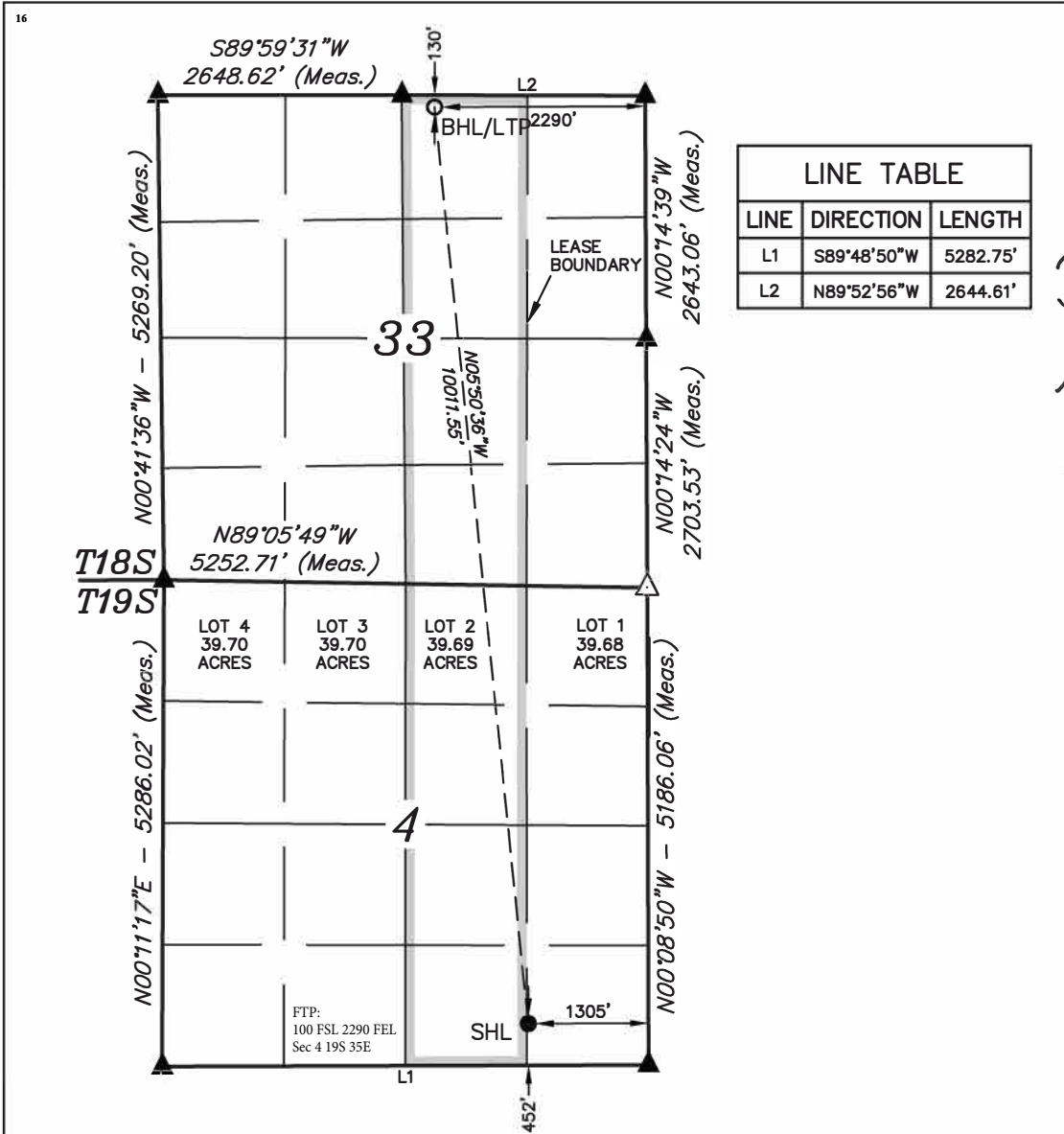
<sup>10</sup> Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>P | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>452 | North/South line<br>SOUTH | Feet from the<br>1305 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|   |                               |                                  |                         |         |                      |                           |                       |                        |               |
|---|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>B                      | Section<br>33                 | Township<br>18S                  | Range<br>35E            | Lot Idn | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>2290 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.69 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |                      |                           |                       |                        |               |

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



**<sup>17</sup> 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: *Rachael Overbey* Date: 5/2/2024  
Printed Name: Rachael Overbey  
E-mail Address: roverbey@fmellc.com

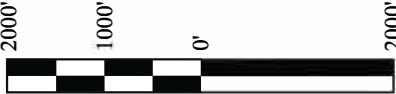
**<sup>18</sup> SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

August 23, 2023  
Date of Survey  
Signature and Seal of Professional Surveyor:



|  |
|--|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b><br>LATITUDE = 32°41'01.07" (32.683632°)<br>LONGITUDE = -103°27'29.00" (-103.458057°) |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b><br>LATITUDE = 32°41'00.63" (32.683509°)<br>LONGITUDE = -103°27'27.24" (-103.457566°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b><br>N: 613547.24' E: 810634.71'   |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b><br>N: 613483.54' E: 769454.54'   |
| <b>NAD 83 (BOTTOM HOLE LOCATION)</b><br>LATITUDE = 32°42'39.64" (32.711012°)<br>LONGITUDE = -103°27'40.46" (-103.461240°)  |
| <b>NAD 27 (BOTTOM HOLE LOCATION)</b><br>LATITUDE = 32°42'39.20" (32.710889°)<br>LONGITUDE = -103°27'38.69" (-103.460748°)  |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b><br>N: 623500.74' E: 809573.41'   |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b><br>N: 623436.74' E: 768393.57'   |

- 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.



SCALE  
DRAWN BY: T.J.S. 09-08-23  
REV. 01 05-02-24 L.K. SHL MOVE

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



## Alpha 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)  | 3,888'         | 30'            | 30'        | 0     | Sand/Gravels/Unconsolidated          |
| Rustler                      | 2,031'         | 1,887'         |            |       | Carbonates                           |
| Salado                       | 1,840'         | 2,078'         |            |       | Salt, Carbonate & Clastics           |
| Base Salt                    | 751'           | 3,166'         |            |       | Shaley Carbonate & Shale             |
| Yates                        | 532'           | 3,386'         |            |       | Anhydrite/Shale                      |
| Seven Rivers                 | 31'            | 3,887'         |            |       | Interbedded Shale/Carbonate          |
| Queen                        | -748'          | 4,666'         |            |       | Sandstone & Dolomite & Anhydrite     |
| Delaware Mtn Group           | -2,369'        | 6,287'         |            |       | Sandstone/Carb/Shale - oil/gas/water |
| Bone Spring Lime             | -3,918'        | 7,835'         |            |       | Shale/Carbonates - oil/gas           |
| First Bone Spring Sand       | -5,362'        | 9,280'         |            |       | Sandstone - oil/gas/water            |
| Second Bone Spring Carbonate | -5,639'        | 9,557'         |            |       | Shale/Carbonates - oil/gas           |
| Second Bone Spring Sand      | -5,891'        | 9,808'         |            |       | Sandstone - oil/gas/water            |
| Third Bone Spring Carbonate  | -6,307'        | 10,225'        |            |       | Shale/Carbonates - oil/gas           |
| Third Bone Spring Sand       | -6,387'        | 10,305'        |            |       | Sandstone - oil/gas/water            |
| Wolfcamp                     | -6,540'        | 10,458'        |            |       | Overpressure Shale/Sand- oil/gas     |
| <b>HZ Target</b>             | <b>-6,876'</b> | <b>10,794'</b> |            |       | Overpressure Shale - oil/gas         |
| Wolfcamp B                   | -7,131'        | 11,049'        |            |       | Overpressure Shale - oil/gas         |

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

|                                  |         |             |
|----------------------------------|---------|-------------|
| Upper Permian Sands              | 0- 400' | Fresh Water |
| Delaware Sands                   | 6,287'  | Oil         |
| 1 <sup>st</sup> Bone Spring Sand | 9,280'  | Oil         |
| 2 <sup>nd</sup> Bone Spring Carb | 9,557'  | Oil         |
| 2 <sup>nd</sup> Bone Spring Sand | 9,808'  | Oil         |
| 3 <sup>rd</sup> Bone Spring Sand | 10,305' | Oil         |
| Wolfcamp                         | 10,458' | Oil         |
| Wolfcamp B                       | N/A     | 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 1,937' and circulating cement back to surface.

4. **Casing Program:**

All casing strings will be run new.



| Casing string       | Weight | Grade   | Burst | Collapse | Tension | Conn         | Length           | API design factor |          |         |              |
|---------------------|--------|---------|-------|----------|---------|--------------|------------------|-------------------|----------|---------|--------------|
|                     |        |         |       |          |         |              |                  | Burst             | Collapse | Tension | Coupling     |
| Surface 13 3/8"     | 54.5   | J-55    | 2730  | 1130     | 853     | BTC 909      | 1,937            | 1.01              | 1.12     | 4.15    | 4.42         |
| Intermediate 9 5/8" | 40     | HCL-80  | 7430  | 4230     | 916     | BTC 1042     | 4,112            | 2.04              | 2.20     | 3.46    | 3.94         |
| Production 7"       | 32     | HCP-110 | 12460 | 10760    | 1025    | CDC-HTQ 1053 | 10,308           | 1.82              | 2.23     | 2.38    | 2.45         |
| Production 5 1/2"   | 20     | HCP-110 | 12640 | 12200    | 641     | CDC-HTQ 667  | 10,701<br>10,794 | 1.15              | 2.44     | 2.04    | 2.12<br>2.11 |

Tapered production string will be ran with a X-over installed at the KOP of 10,308'.

### 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, Intermediate, and Production strings to further optimization of drilling process and reduction of disturbance.

| String Type | Hole Size | Casing |               | Sacks | Type of cmt   | Lead                      |              |        | Sacks | Type of cmt  | Tail                      |              |        | TOC  | Excess |
|-------------|-----------|--------|---------------|-------|---|---------------------------|--------------|--------|-------|--|---------------------------|--------------|--------|------|--------|
|             |           | Size   | Setting Depth |       |   | Yield ft <sup>3</sup> /sk | Water gal/sk | TOC ft |       |  | Yield ft <sup>3</sup> /sk | Water gal/sk | TOC    |      |        |
| Surf        | 17.5      | 13.375 | 1,937         | 1042  | 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%CaCl <sub>2</sub> , 0.1% | 1.34                      | 6.35         | 1,537  | 100% |        |
| Int1        | 12.25     | 9.625  | 4,112         | 662   | 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         | 3,712  | 100% |        |
| Prod        | 8.75      | 7      | 10,308        | 507   | HSLD 9420, 10.5 ppg, Class C, 1#/sk Salt, 4% STE 1% C-45                  | 3.99                      | 25.51        | 3,112  |       |  |                           |              |        |      | 100%   |
| Prod        | 8.75      | 5.5    | 21,009        |       |   |                           |              |        | 2671  | HSLD 80, 13.ppg, 32#/sk Salt, 4% STE, 1#/sk Gyp Seal     | 1.52                      | 7.59         | 10,308 | 50%  |        |

### 5. Minimum Specifications for Pressure Control:





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

Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5,000/250 psig and the annular preventer to 3,500/250 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 3,500/250 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 – 1,937'                | Fresh - Gel | 8.6-8.8      | 28-34     | N/c        |
| 1,937' – 4,112'           | Brine       | 8.8-10.2     | 28-34     | N/c        |
| 4,112' – 11,208'          | Brine       | 8.8-10.2     | 28-34     | N/c        |
| 11,208' – 21,009' Lateral | Oil Base    | 9.0-12       | 58-68     | 3 - 6      |

The highest mud weight needed to balance formation is expected to be 9-12 ppg. In order to maintain hole stability, mud weights up to 12 ppg may be utilized.

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

#### 7. Auxiliary well control and monitoring equipment:

(A) A kelly cock will be kept in the drill string at all times.

(B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be kept on the rig floor at all times.

(C) H<sub>2</sub>S monitoring and detection equipment will be utilized from surface casing point to TD.

(D) A wear bushing will be installed in the wellhead prior to drilling out of the surface casing.

#### 8. Logging, testing and coring program:

GR-CCL-CNL Will be run in cased hole during completions phase of operations.

Open-hole logs are not planned for this well.

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



The estimated bottom-hole temperature at 10,794' TVD (deepest point of the well) is 190F with an estimated maximum bottom-hole pressure (BHP) at the same point of 6,735' 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/Escapes packs – 4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity
      - 3. Emergency Escape Packs – 4 packs shall be stored in the doghouse for emergency evacuation.
    - ii. Auxiliary Rescue Equipment
      - 1. Stretcher
      - 2. Two OSHA full body harnesses
      - 3. 100 feet of 5/8 inches OSHA approved rope
      - 4. 1-20# class ABC fire extinguisher
  - c. H2S Detection and Monitoring Equipment
    - i. A stationary detector with three sensors will be placed in the doghouse if equipped, set to visually alarm at 10 ppm and audible at 14 ppm. The detector will be calibrated a minimum of every 30 days or as needed. The sensors will be placed in the following places:
      - 1. Rig Floor
      - 2. Below Rig Floor / Near BOPs
      - 3. End of flow line or where well bore fluid is being discharged (near shakers)
    - ii. If H2S is encountered, measured values and formations will be provided to the BLM.
  - d. Visual Warning Systems
    - i. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
    - ii. A colored condition flag will be on display, reflecting the current condition at the site at the time.
    - iii. Two windsocks will be placed in strategic locations, visible from all angles.
  - e. Mud Program
    - i. The Mud program will be designed to minimize the volume of H2S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H2S bearing zones.



- f. Metallurgy
  - i. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H<sub>2</sub>S 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 H<sub>2</sub>S contingency plan. This will be reevaluated during wellbore construction if H<sub>2</sub>S 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 30 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 ¾" hole.



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

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |   |   |
|---|---|---|
| <sup>1</sup> API Number<br>30-025-52407 | <sup>2</sup> Pool Code<br>55610                               | <sup>3</sup> Pool Name<br>SCHARB; BONE SPRING |
| <sup>4</sup> Property Code<br>334693    | <sup>5</sup> Property Name<br>ALPHA STATE COM                 | <sup>6</sup> Well Number<br>503H              |
| <sup>7</sup> OGRID No.<br>331595        | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC | <sup>9</sup> Elevation<br>3890.8'             |

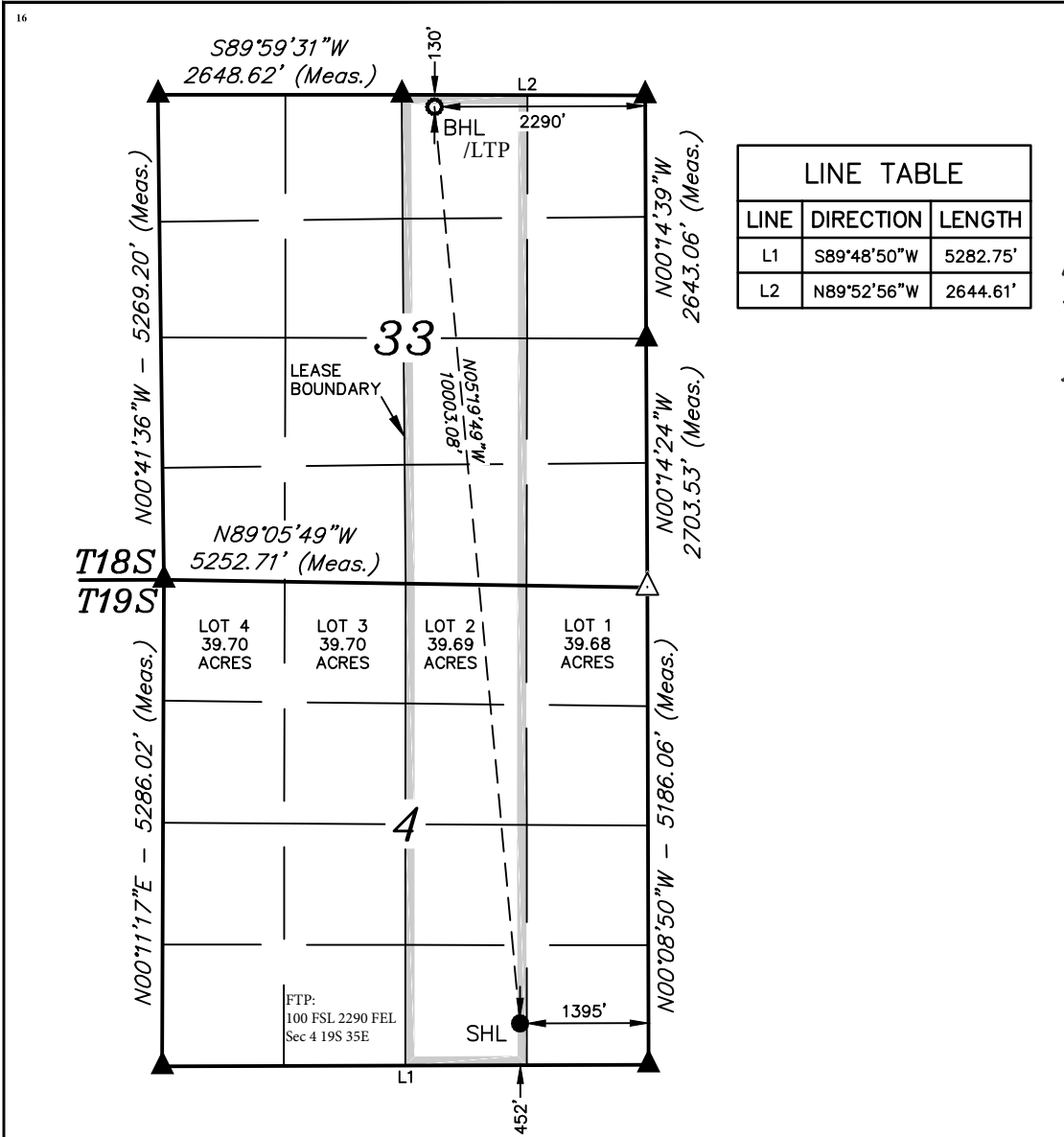
<sup>10</sup> Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>O | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>452 | North/South line<br>SOUTH | Feet from the<br>1395 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|   |                               |                                  |                         |         |                      |                           |                       |                        |               |
|---|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>B                      | Section<br>33                 | Township<br>18S                  | Range<br>35E            | Lot Idn | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>2290 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.69 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |                      |                           |                       |                        |               |

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



<sup>17</sup> 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: *Rachael Overbey* Date: 5/2/2024

Printed Name: Rachael Overbey

E-mail Address: roverbey@fmellc.com

<sup>18</sup> 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.

August 23, 2023

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:

- 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.



SCALE  
DRAWN BY: T.J.S. 09-08-23  
REV. 01 05-02-24 L.K. SHL MOVE

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

|  |
|--|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b><br>LATITUDE = 32°41'01.08" (32.683632°)<br>LONGITUDE = -103°27'30.06" (-103.458349°) |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b><br>LATITUDE = 32°41'00.63" (32.683509°)<br>LONGITUDE = -103°27'28.29" (-103.457858°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b><br>N: 613546.56' E: 810544.73'   |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b><br>N: 613482.87' E: 769364.56'   |
| <b>NAD 83 (BOTTOM HOLE LOCATION)</b><br>LATITUDE = 32°42'39.64" (32.711012°)<br>LONGITUDE = -103°27'40.46" (-103.461240°)  |
| <b>NAD 27 (BOTTOM HOLE LOCATION)</b><br>LATITUDE = 32°42'39.20" (32.710889°)<br>LONGITUDE = -103°27'38.69" (-103.460748°)  |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b><br>N: 623500.74' E: 809573.41'   |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b><br>N: 623436.74' E: 768393.57'   |

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

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

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |   |                                 |   |                                   |
|---|---|---------------------------------|---|-----------------------------------|
| <sup>1</sup> API Number<br>30-025-52408 |   | <sup>2</sup> Pool Code<br>55610 | <sup>3</sup> Pool Name<br>SCHARB; BONE SPRING |                                   |
| <sup>4</sup> Property Code<br>334693    | <sup>5</sup> Property Name<br>ALPHA STATE COM                 |                                 |   | <sup>6</sup> Well Number<br>504H  |
| <sup>7</sup> OGRID No.<br>331595        | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC |                                 |   | <sup>9</sup> Elevation<br>3891.2' |

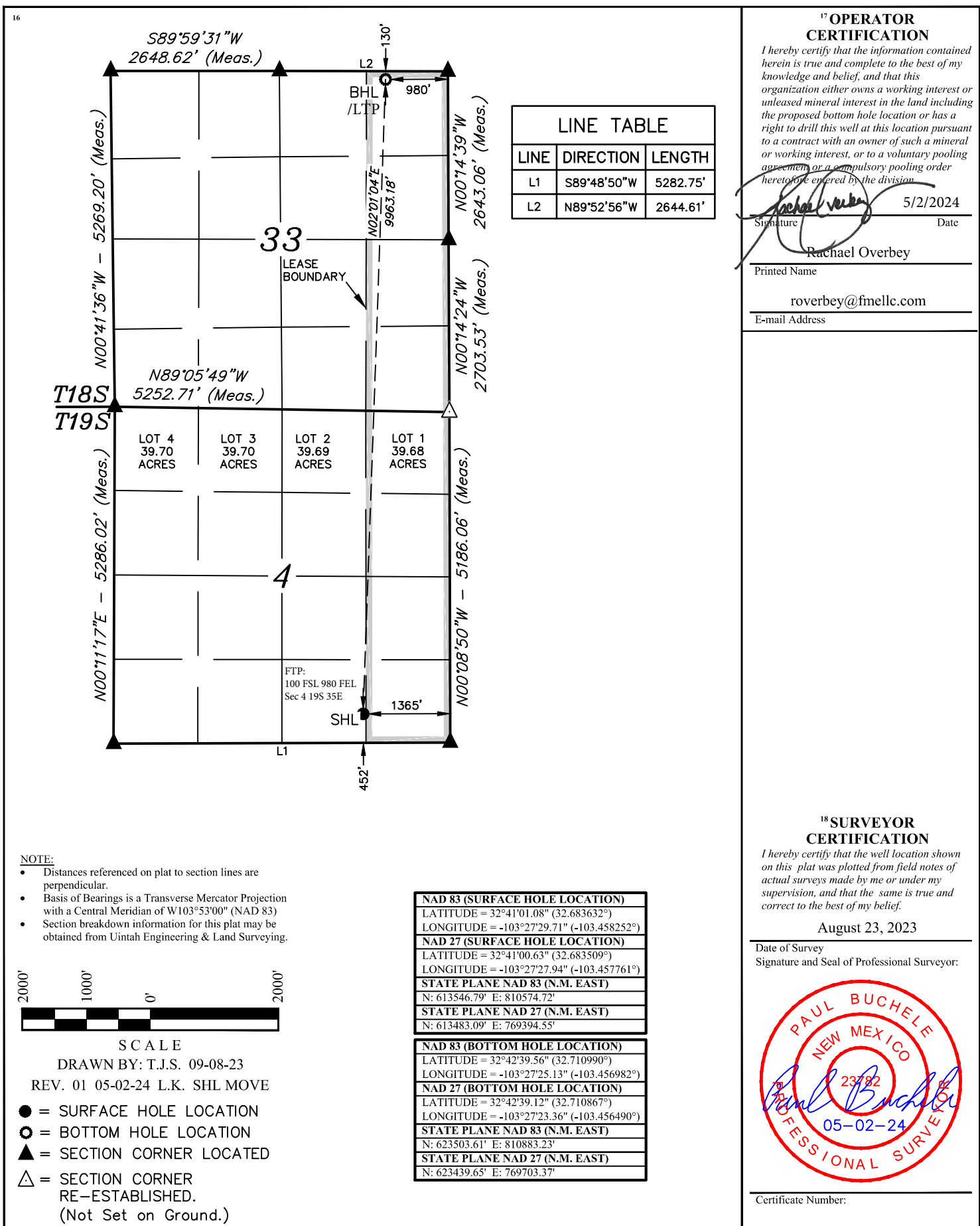
<sup>10</sup>Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>O | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>452 | North/South line<br>SOUTH | Feet from the<br>1365 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

## " Bottom Hole Location If Different From Surface

|   |               |                               |              |                                  |                      |                           |                      |                        |               |
|---|---------------|-------------------------------|--------------|----------------------------------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>A                      | Section<br>33 | Township<br>18S               | Range<br>35E | Lot Idn                          | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>980 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.68 |               | <sup>13</sup> Joint or Infill |              | <sup>14</sup> Consolidation Code |                      | <sup>15</sup> Order No.   |                      |                        |               |

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





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

|   |   |   |
|---|---|---|
| <sup>1</sup> API Number<br>30-025-52411 | <sup>2</sup> Pool Code<br>55640                               | <sup>3</sup> Pool Name<br>SCHARB;WOLFCAMP |
| <sup>4</sup> Property Code<br>334693    | <sup>5</sup> Property Name<br>ALPHA STATE COM                 | <sup>6</sup> Well Number<br>703H          |
| <sup>7</sup> OGRID No.<br>331595        | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC | <sup>9</sup> Elevation<br>3891.5'         |

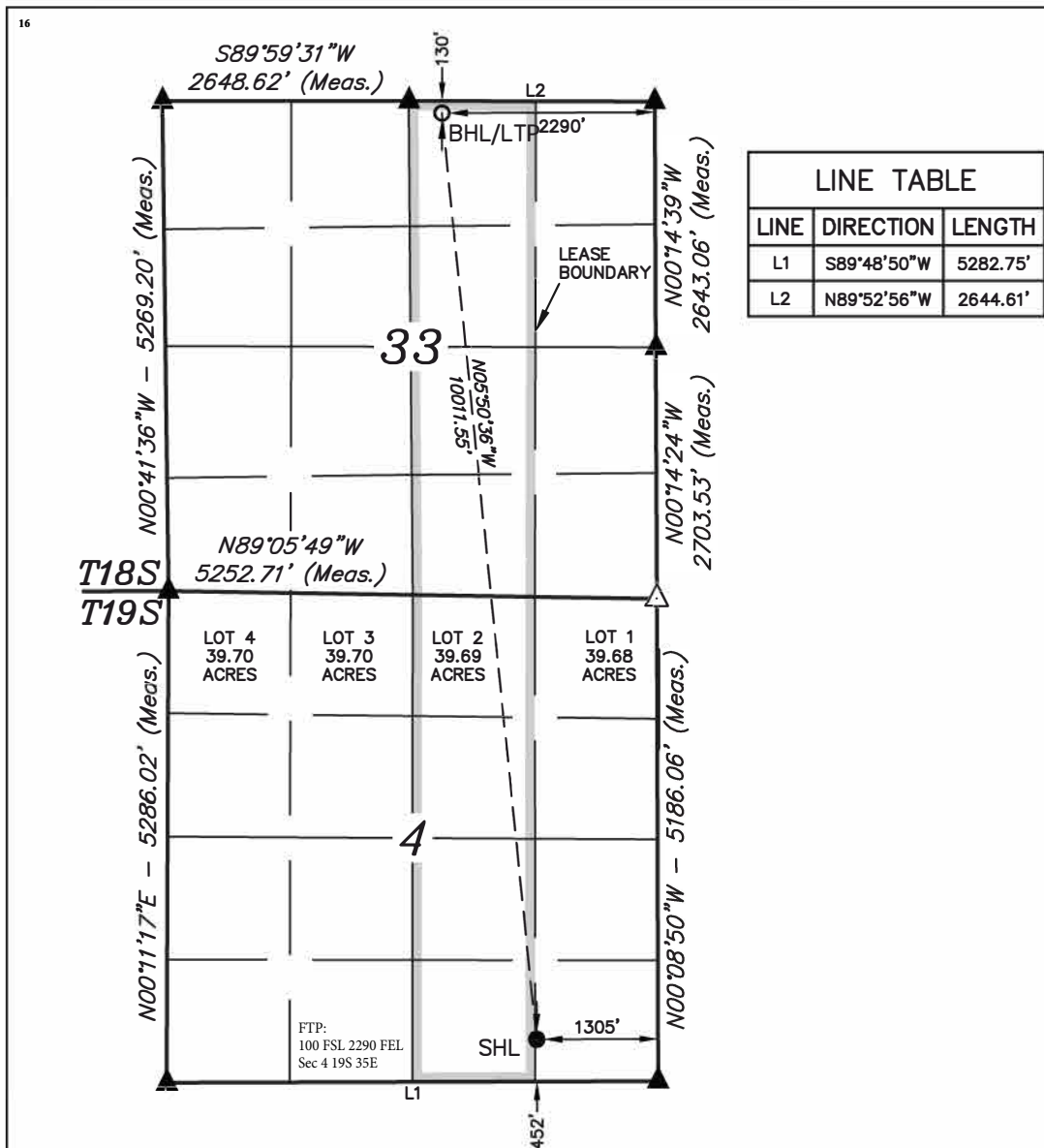
## <sup>10</sup>Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>P | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>452 | North/South line<br>SOUTH | Feet from the<br>1305 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|   |               |                               |              |                                  |                      |                           |                       |                        |               |
|---|---------------|-------------------------------|--------------|----------------------------------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>B                      | Section<br>33 | Township<br>18S               | Range<br>35E | Lot Idn                          | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>2290 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.69 |               | <sup>13</sup> Joint or Infill |              | <sup>14</sup> Consolidation Code |                      | <sup>15</sup> Order No.   |                       |                        |               |

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



- 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.



SCALE

DRAWN BY: T.J.S. 09-08-23

REV. 01 05-02-24 L.K. SHL MOVE

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

|  |
|--|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b>            |
| <b>LATITUDE = 32°41'01.07" (32.683632°)</b>      |
| <b>LONGITUDE = -103°27'29.00" (-103.458057°)</b> |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b>            |
| <b>LATITUDE = 32°41'00.63" (32.683509°)</b>      |
| <b>LONGITUDE = -103°27'27.24" (-103.457566°)</b> |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>            |
| <b>N: 613547.24' E: 810634.71'</b>               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>            |
| <b>N: 613483.54' E: 769454.54'</b>               |
| <b>NAD 83 (BOTTOM HOLE LOCATION)</b>             |
| <b>LATITUDE = 32°42'39.64" (32.711012°)</b>      |
| <b>LONGITUDE = -103°27'40.46" (-103.461240°)</b> |
| <b>NAD 27 (BOTTOM HOLE LOCATION)</b>             |
| <b>LATITUDE = 32°42'39.20" (32.710889°)</b>      |
| <b>LONGITUDE = -103°27'38.69" (-103.460748°)</b> |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>            |
| <b>N: 623500.74' E: 809573.41'</b>               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>            |
| <b>N: 623436.74' E: 768393.57'</b>               |

## 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 \_\_\_\_\_ Date 5/2/2024

~~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.*

August 23, 2023

Date of Survey \_\_\_\_\_

Signature and Seal of Professional Surveyor:



Certificate Number:



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

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                  |   |   |
|----------------------------------|---|---|
| <sup>1</sup> API Number          | <sup>2</sup> Pool Code<br>55610                               | <sup>3</sup> Pool Name<br>SCHARB; BONE SPRING |
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>ALPHA STATE COM                 | <sup>6</sup> Well Number<br>304H              |
| <sup>7</sup> OGRID No.<br>331595 | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC | <sup>9</sup> Elevation<br>3891.2'             |

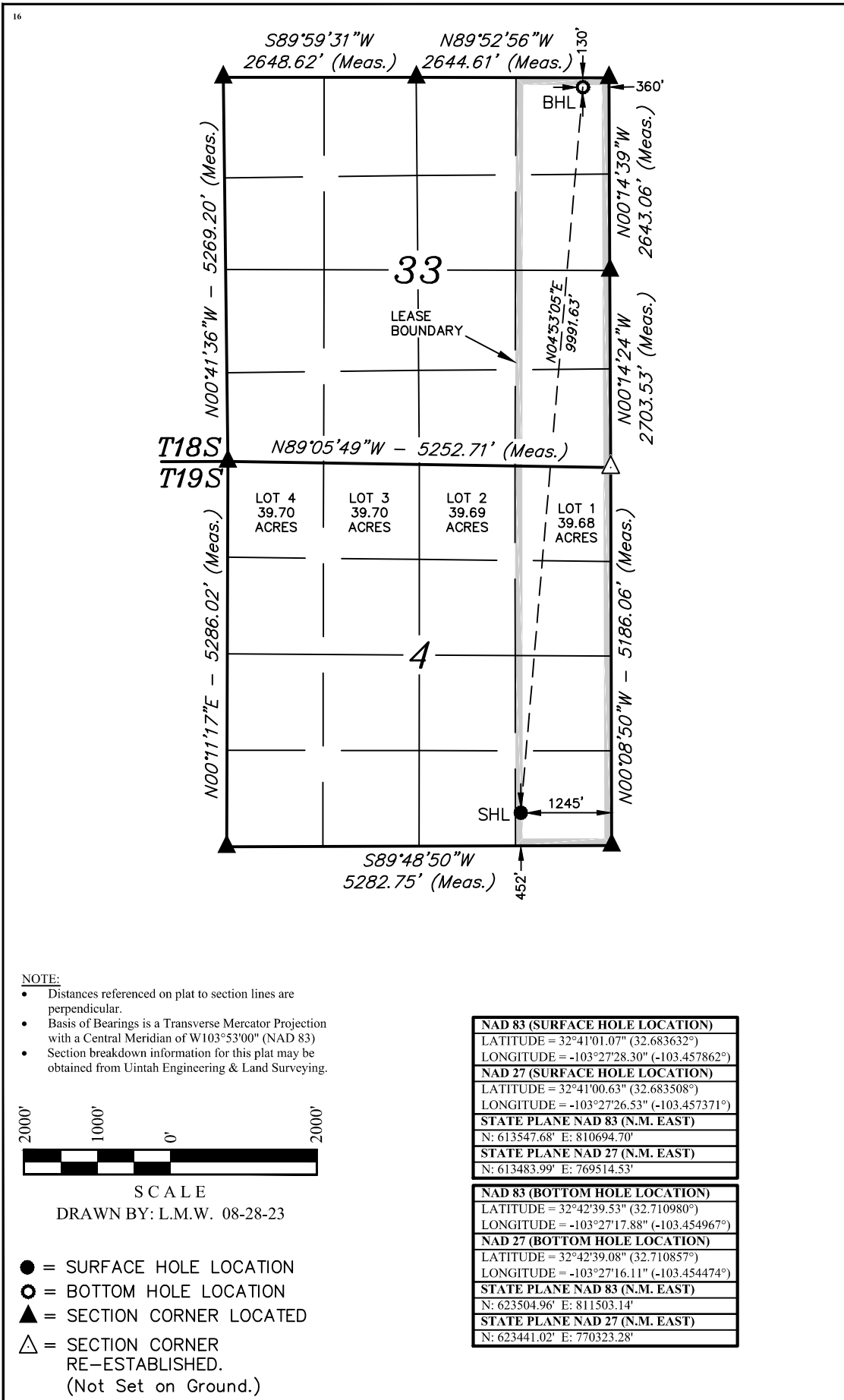
<sup>10</sup> Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>P | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>452 | North/South line<br>SOUTH | Feet from the<br>1245 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|                                      |                               |                                  |                         |         |                      |                           |                      |                        |               |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>A                   | Section<br>33                 | Township<br>18S                  | Range<br>35E            | Lot Idn | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>360 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>320 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |                      |                           |                      |                        |               |

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



**<sup>17</sup> 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: *Rachael Overbey* Date: 8/30/2023

Printed Name: Rachael Overbey

E-mail Address: roverbey@fmllc.com

**<sup>18</sup> 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.

August 23, 2023

Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE  
NEW MEXICO  
23782  
08-28-23  
PROFESSIONAL SURVEYOR

Certificate Number:

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

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                  |   |   |
|----------------------------------|---|---|
| <sup>1</sup> API Number          | <sup>2</sup> Pool Code<br>55610                               | <sup>3</sup> Pool Name<br>SCHARB; BONE SPRING |
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>ALPHA STATE COM                 | <sup>6</sup> Well Number<br>603H              |
| <sup>7</sup> OGRID No.<br>331595 | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC | <sup>9</sup> Elevation<br>3894.8'             |

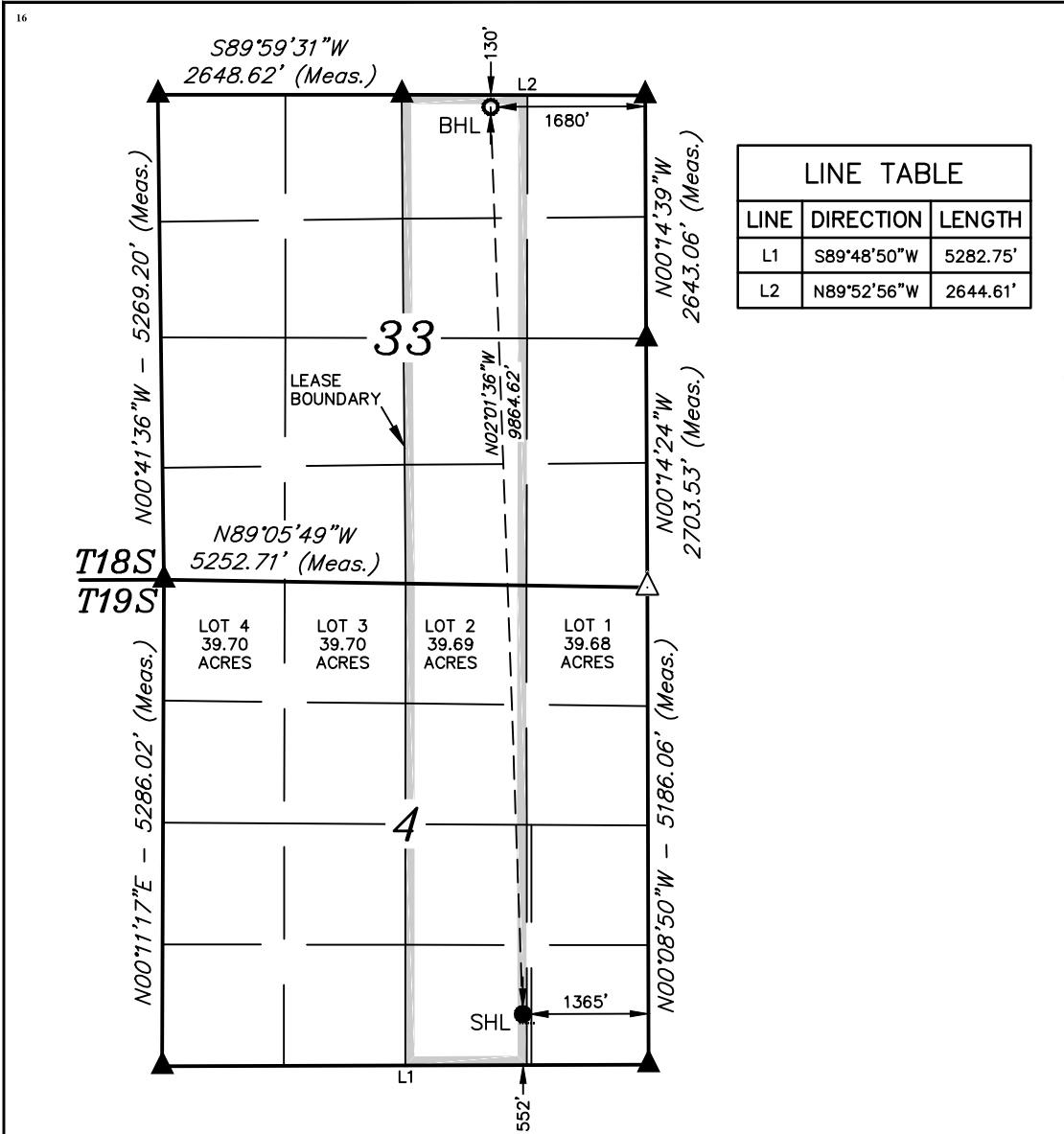
<sup>10</sup> Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>O | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>552 | North/South line<br>SOUTH | Feet from the<br>1365 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|   |                               |                                  |                         |         |                      |                           |                       |                        |               |
|---|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>B                      | Section<br>33                 | Township<br>18S                  | Range<br>35E            | Lot Idn | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>1680 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.69 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |                      |                           |                       |                        |               |

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



<sup>17</sup> OPERATOR  
CERTIFICATION

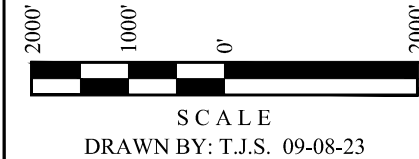
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this 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.

*Rachael Overbey* 9/27/2023  
Signature Date

Rachael Overbey  
Printed Name

roverbey@fmellc.com  
E-mail Address

- 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.)

|   |
|---|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°41'02.06" (32.683907°)      |
| LONGITUDE = -103°27'29.71" (-103.458252°) |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°41'01.62" (32.683783°)      |
| LONGITUDE = -103°27'27.94" (-103.457760°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 613646.77' E: 810573.97'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 613583.07' E: 769393.81'               |
| <b>NAD 83 (BOTTOM HOLE LOCATION)</b>      |
| LATITUDE = 32°42'39.61" (32.711002°)      |
| LONGITUDE = -103°27'33.33" (-103.459257°) |
| <b>NAD 27 (BOTTOM HOLE LOCATION)</b>      |
| LATITUDE = 32°42'39.16" (32.710878°)      |
| LONGITUDE = -103°27'31.55" (-103.458765°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 623502.07' E: 810183.33'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 623438.09' E: 769003.48'               |

<sup>18</sup> 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.

August 23, 2023  
Date of Survey

Signature and Seal of Professional Surveyor:

*Paul Buchele*  
23782  
09-08-23  
PROFESSIONAL SURVEYOR

Certificate Number:

Released to Imaging: 6/21/2024 9:15:01 AM

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

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                  |   |   |
|----------------------------------|---|---|
| <sup>1</sup> API Number          | <sup>2</sup> Pool Code<br>55640                               | <sup>3</sup> Pool Name<br>SCHARB;WOLFCAMP |
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>ALPHA STATE COM                 | <sup>6</sup> Well Number<br>704H          |
| <sup>7</sup> OGRID No.<br>331595 | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC | <sup>9</sup> Elevation<br>3891.4'         |

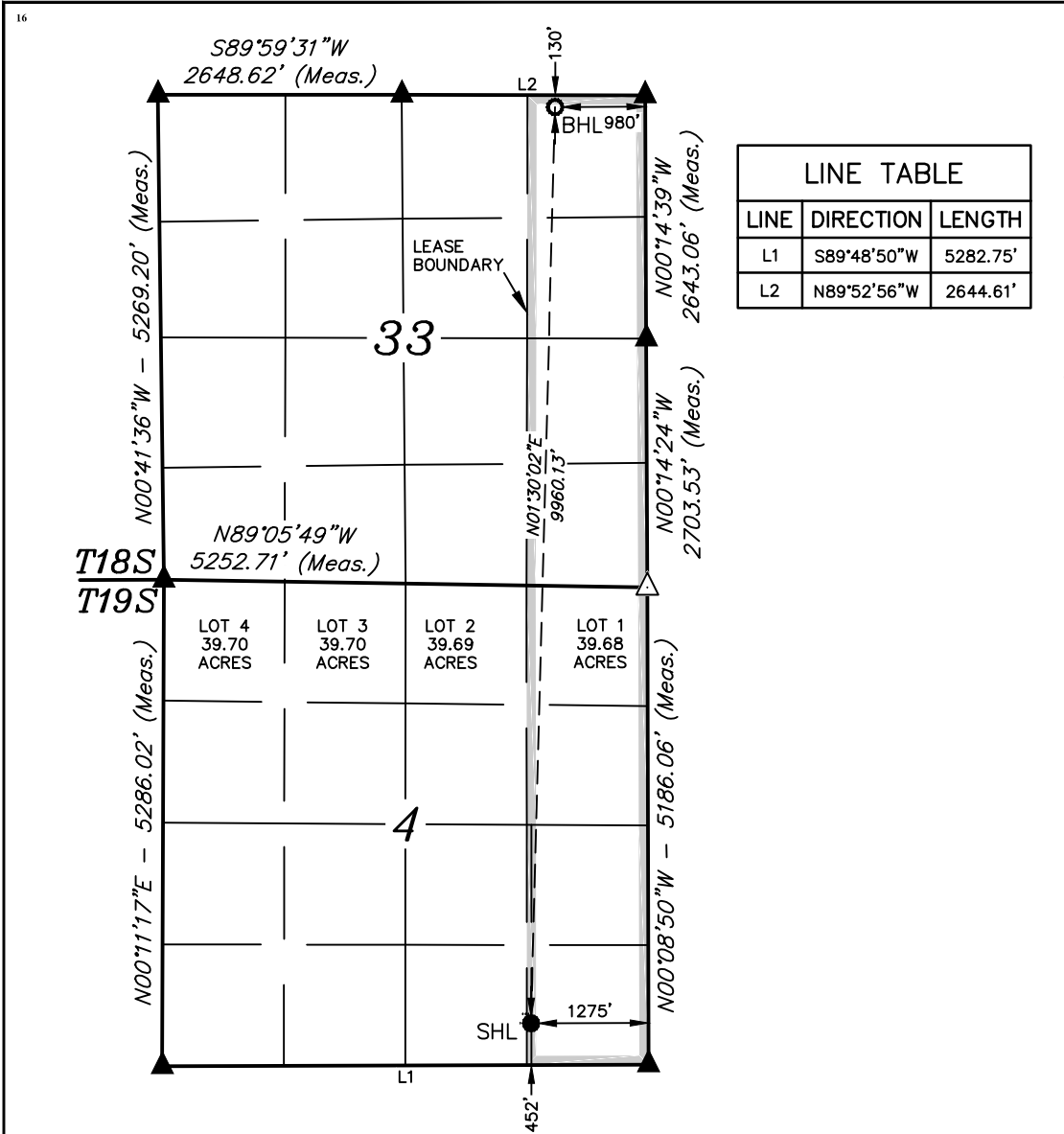
<sup>10</sup> Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>P | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>452 | North/South line<br>SOUTH | Feet from the<br>1275 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|   |                               |                                  |                         |         |                      |                           |                      |                        |               |
|---|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>A                      | Section<br>33                 | Township<br>18S                  | Range<br>35E            | Lot Idn | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>980 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.68 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |                      |                           |                      |                        |               |

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



<sup>17</sup> 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.

*Rachael Overbey* 9/27/2023  
Signature Date

Rachael Overbey  
Printed Name

roverbey@fmellc.com  
E-mail Address

<sup>18</sup> 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.

August 23, 2023

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:

- 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.



SCALE  
DRAWN BY: T.J.S. 09-08-23

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

|   |
|---|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°41'01.07" (32.683632°)      |
| LONGITUDE = -103°27'28.65" (-103.457959°) |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°41'00.63" (32.683508°)      |
| LONGITUDE = -103°27'26.89" (-103.457468°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 613547.46' E: 810664.70'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 613483.77' E: 769484.53'               |
| <b>NAD 83 (BOTTOM HOLE LOCATION)</b>      |
| LATITUDE = 32°42'39.56" (32.710990°)      |
| LONGITUDE = -103°27'25.13" (-103.456982°) |
| <b>NAD 27 (BOTTOM HOLE LOCATION)</b>      |
| LATITUDE = 32°42'39.12" (32.710867°)      |
| LONGITUDE = -103°27'23.36" (-103.456490°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 623503.61' E: 810883.23'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 623439.65' E: 769703.37'               |



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

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                  |   |   |
|----------------------------------|---|---|
| <sup>1</sup> API Number          | <sup>2</sup> Pool Code<br>55640                               | <sup>3</sup> Pool Name<br>SCHARB;WOLFCAMP |
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>ALPHA STATE COM                 | <sup>6</sup> Well Number<br>803H          |
| <sup>7</sup> OGRID No.<br>331595 | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC | <sup>9</sup> Elevation<br>3894.7'         |

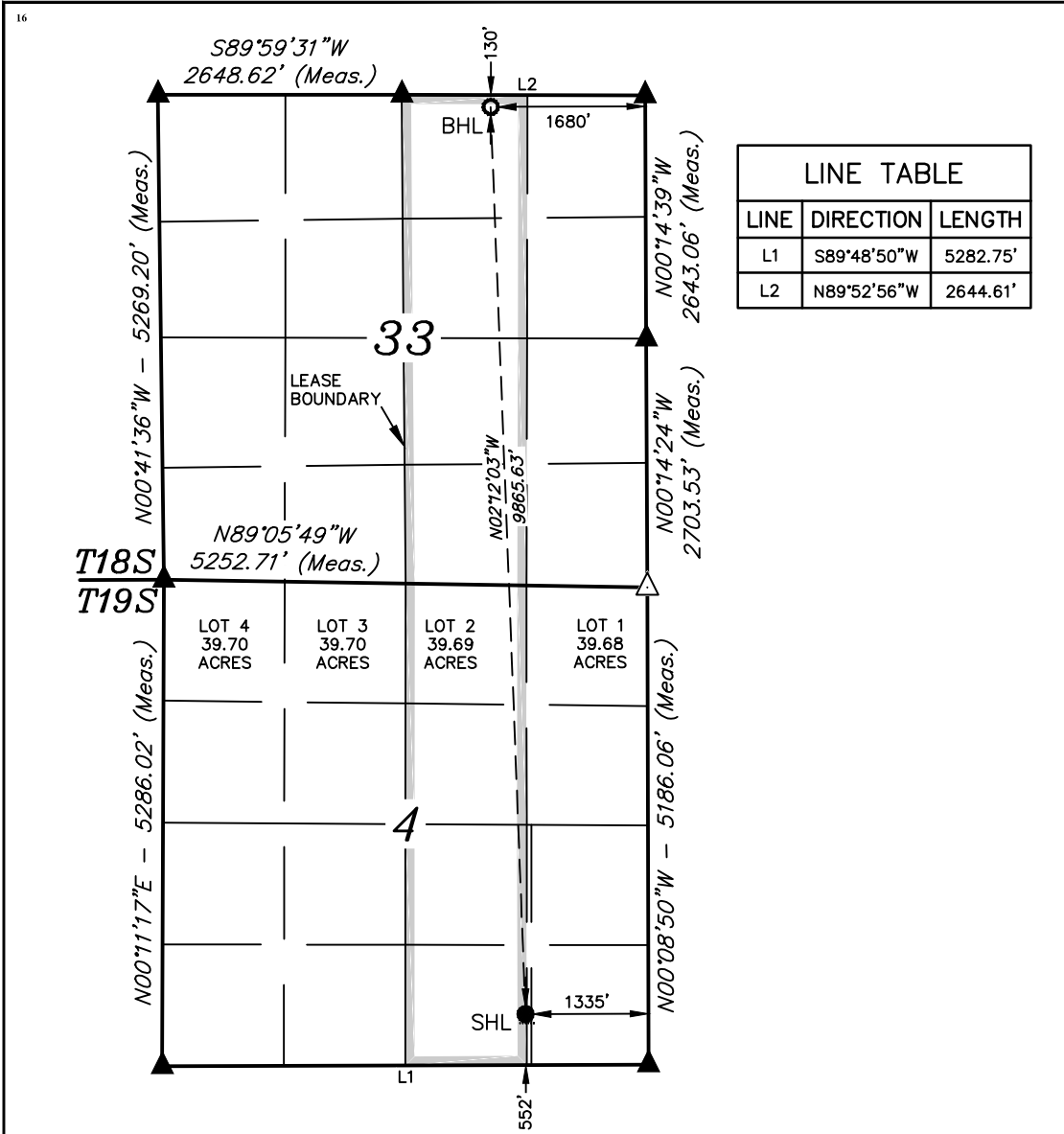
<sup>10</sup> Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>O | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>552 | North/South line<br>SOUTH | Feet from the<br>1335 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|   |                               |                                  |                         |         |                      |                           |                       |                        |               |
|---|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>B                      | Section<br>33                 | Township<br>18S                  | Range<br>35E            | Lot Idn | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>1680 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.69 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |                      |                           |                       |                        |               |

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



<sup>17</sup> 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: *Rachael Overbey* Date: 9/27/2023

Printed Name: Rachael Overbey

E-mail Address: roverbey@fmellc.com

<sup>18</sup> 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.

August 23, 2023

Date of Survey  
Signature and Seal of Professional Surveyor:



Certificate Number:

- 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.



SCALE  
DRAWN BY: T.J.S. 09-08-23

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

|   |
|---|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°41'02.06" (32.683907°)      |
| LONGITUDE = -103°27'29.35" (-103.458154°) |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b>     |
| LATITUDE = 32°41'01.62" (32.683783°)      |
| LONGITUDE = -103°27'27.59" (-103.457663°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 613646.99' E: 810603.97'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 613583.30' E: 769423.80'               |
| <b>NAD 83 (BOTTOM HOLE LOCATION)</b>      |
| LATITUDE = 32°42'39.61" (32.711002°)      |
| LONGITUDE = -103°27'33.33" (-103.459257°) |
| <b>NAD 27 (BOTTOM HOLE LOCATION)</b>      |
| LATITUDE = 32°42'39.16" (32.710878°)      |
| LONGITUDE = -103°27'31.55" (-103.458765°) |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |
| N: 623502.07' E: 810183.33'               |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |
| N: 623438.09' E: 769003.48'               |

☐ AMENDED REPORT

|                                  |   |                                 |   |
|----------------------------------|---|---------------------------------|---|
| <sup>1</sup> API Number          |   | <sup>2</sup> Pool Code<br>55640 | <sup>3</sup> Pool Name<br>SCHARB;WOLFCAMP |
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>ALPHA STATE COM                 |                                 | <sup>6</sup> Well Number<br>804H          |
| <sup>7</sup> OGRID No.<br>331595 | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY 3, LLC |                                 | <sup>9</sup> Elevation<br>3894.4'         |

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>P | Section<br>4 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>552 | North/South line<br>SOUTH | Feet from the<br>1275 | East/West line<br>EAST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

|   |               |                               |              |                                  |                      |                           |                      |                        |               |
|---|---------------|-------------------------------|--------------|----------------------------------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>A                      | Section<br>33 | Township<br>18S               | Range<br>35E | Lot Idn                          | Feet from the<br>130 | North/South line<br>NORTH | Feet from the<br>360 | East/West line<br>EAST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>319.68 |               | <sup>13</sup> Joint or Infill |              | <sup>14</sup> Consolidation Code |                      | <sup>15</sup> Order No.   |                      |                        |               |

16

**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.

**SCALE**

DRAWN BY: T.J.S. 09-08-23

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

| LINE TABLE |             |          |
|------------|-------------|----------|
| LINE       | DIRECTION   | LENGTH   |
| L1         | S89°48'50"W | 5282.75' |
| L2         | N89°52'56"W | 2644.61' |

# 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: *Rachael Overbey* Date: 9/27/2023

Printed Name: Rachael Overbey

roverbey@fmlc.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.

August 23, 2023

Date of Survey  
Signature and Seal of Professional Surveyor:

Certificate Number:

|   |  |
|---|--|
| <b>NAD 83 (SURFACE HOLE LOCATION)</b>     |  |
| LATITUDE = 32°41'02.06" (32.683907°)      |  |
| LONGITUDE = -103°27'28.65" (-103.457959°) |  |
| <b>NAD 27 (SURFACE HOLE LOCATION)</b>     |  |
| LATITUDE = 32°41'01.62" (32.683783°)      |  |
| LONGITUDE = -103°27'26.88" (-103.457468°) |  |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |  |
| N: 613647.44' E: 810663.96'               |  |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |  |
| N: 613583.75' E: 769483.79'               |  |
| <b>NAD 83 (BOTTOM HOLE LOCATION)</b>      |  |
| LATITUDE = 32°42'39.53" (32.710980°)      |  |
| LONGITUDE = -103°27'17.88" (-103.454967°) |  |
| <b>NAD 27 (BOTTOM HOLE LOCATION)</b>      |  |
| LATITUDE = 32°42'39.08" (32.710857°)      |  |
| LONGITUDE = -103°27'16.11" (-103.454474°) |  |
| <b>STATE PLANE NAD 83 (N.M. EAST)</b>     |  |
| N: 623504.96' E: 811503.14'               |  |
| <b>STATE PLANE NAD 27 (N.M. EAST)</b>     |  |
| N: 623441.02' E: 770323.28'               |  |

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 Richard Veley Date 9/27/2023

Rachael Overbey

---

Printed Name

roverbey@fmellc.com

E-mail Address

*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.*

August 23, 2023

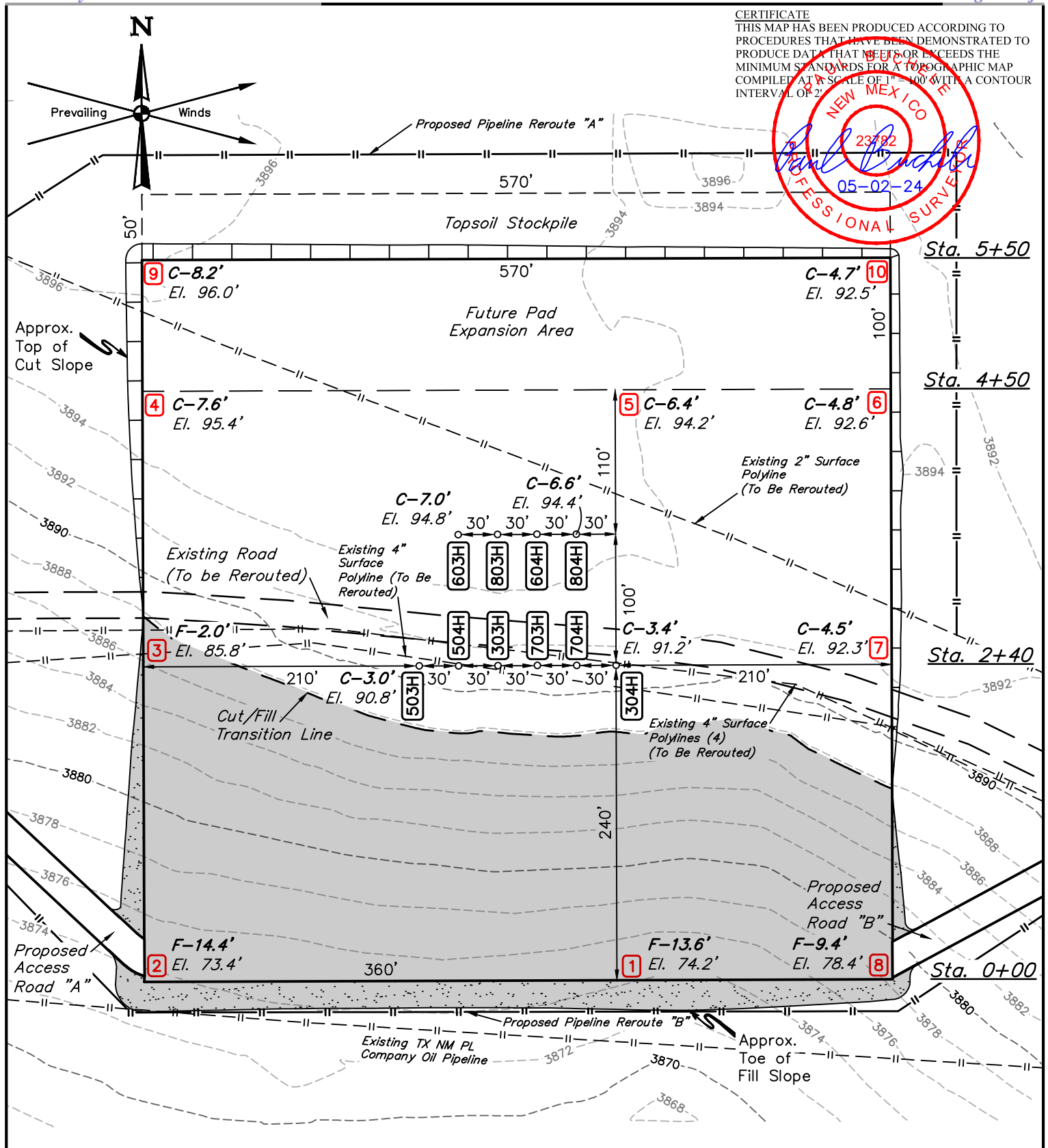
Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:

Released to Imaging: 6/21/2024 9:15:01 AM



FINISHED GRADE ELEVATION = 3887.8

REV: 2 05-02-24 L.K. (SURFACE HOLE MOVES)

**NOTES:**

- Contours shown at 2' intervals.
- Cut/Fill Slopes 1 1/2:1 (Typ.)
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

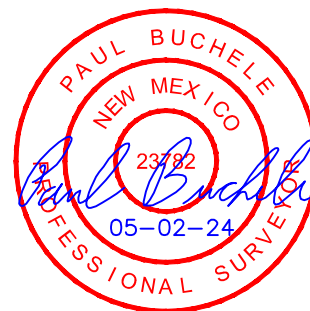
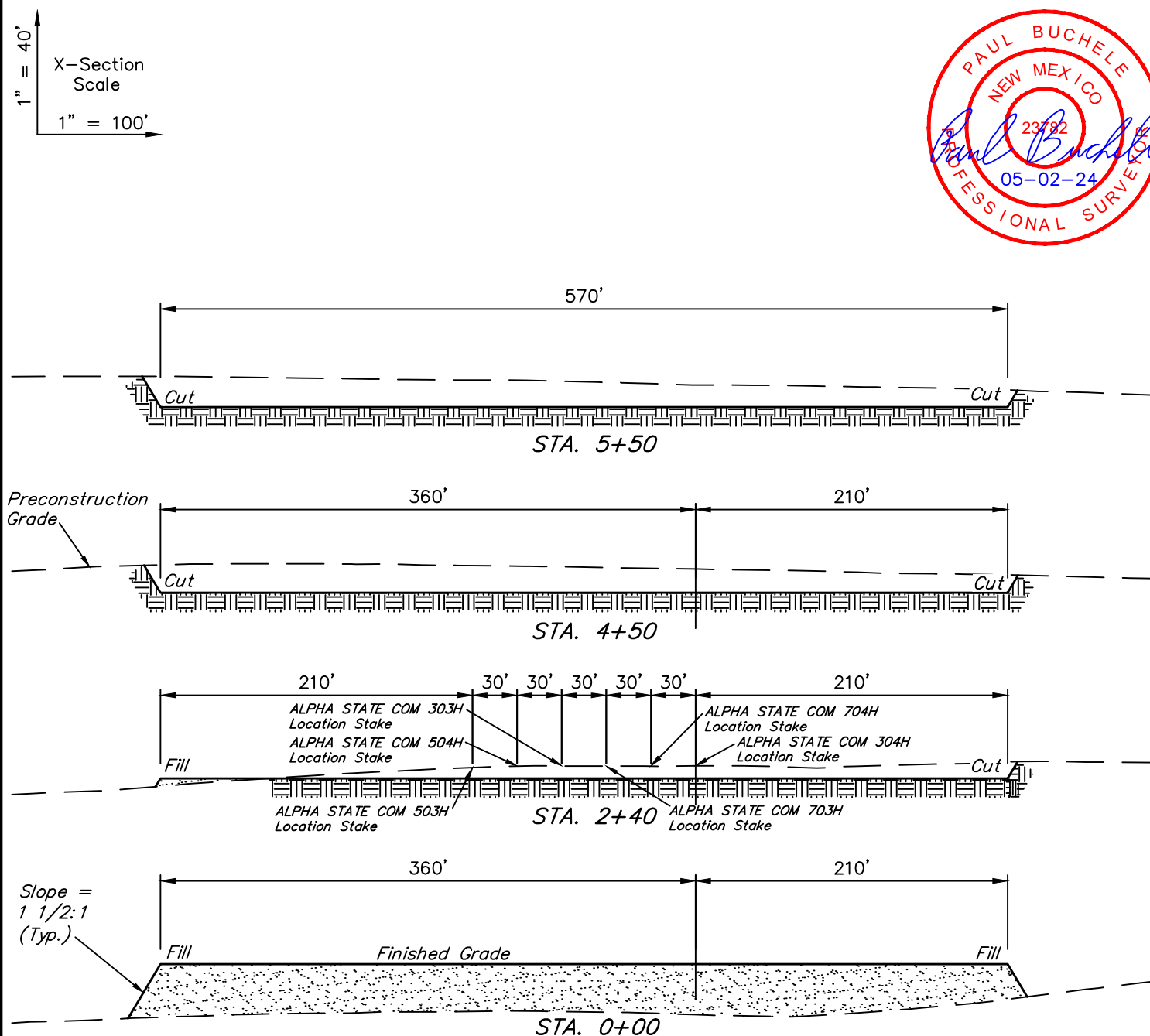
**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD**  
S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

|                        |            |          |           |
|------------------------|------------|----------|-----------|
| SURVEYED BY            | C.H., H.F. | 08-23-23 | SCALE     |
| DRAWN BY               | L.M.W.     | 08-28-23 | 1" = 100' |
| <b>LOCATION LAYOUT</b> |            |          |           |



| APPROXIMATE EARTHWORK QUANTITIES                          |                        |
|---|------------------------|
| (6") TOPSOIL STRIPPING                                    | 6,320 Cu. Yds.         |
| REMAINING LOCATION  | 37,590 Cu. Yds.        |
| <b>TOTAL CUT</b>  | <b>43,910 Cu. Yds.</b> |
| <b>FILL</b>   | <b>37,590 Cu. Yds.</b> |
| EXCESS MATERIAL   | 6,320 Cu. Yds.         |
| TOPSOIL   | 6,320 Cu. Yds.         |
| <b>EXCESS UNBALANCE</b><br>(After Interim Rehabilitation) | <b>0 Cu. Yds.</b>      |

| APPROXIMATE SURFACE DISTURBANCE AREAS            |           |                |
|--|-----------|----------------|
|  | DISTANCE  | ACRES          |
| WELL SITE DISTURBANCE                            | NA        | ±8.352         |
| 30' WIDE ACCESS ROAD "A" R-O-W DISTURBANCE       | ±375.86'  | ±0.259         |
| 30' WIDE ACCESS ROAD "B" R-O-W DISTURBANCE       | ±212.26'  | ±0.146         |
| 30' WIDE FLOW LINE REROUTE "A" R-O-W DISTURBANCE | ±1138.86' | ±0.785         |
| 30' WIDE FLOW LINE REROUTE "B" R-O-W DISTURBANCE | ±1218.96' | ±0.840         |
| 30' WIDE FLOW LINE R-O-W DISTURBANCE             | ±2271.25' | ±1.564         |
| 30' WIDE POWER LINE R-O-W DISTURBANCE            | ±588.98'  | ±0.406         |
| <b>TOTAL SURFACE USE AREA</b>                    |           | <b>±12.352</b> |

REV: 2 05-02-24 L.K. (SURFACE HOLE MOVES)

**NOTES:**

- Fill quantity includes 5% for compaction.

**FRANKLIN MOUNTAIN ENERGY 3, LLC**

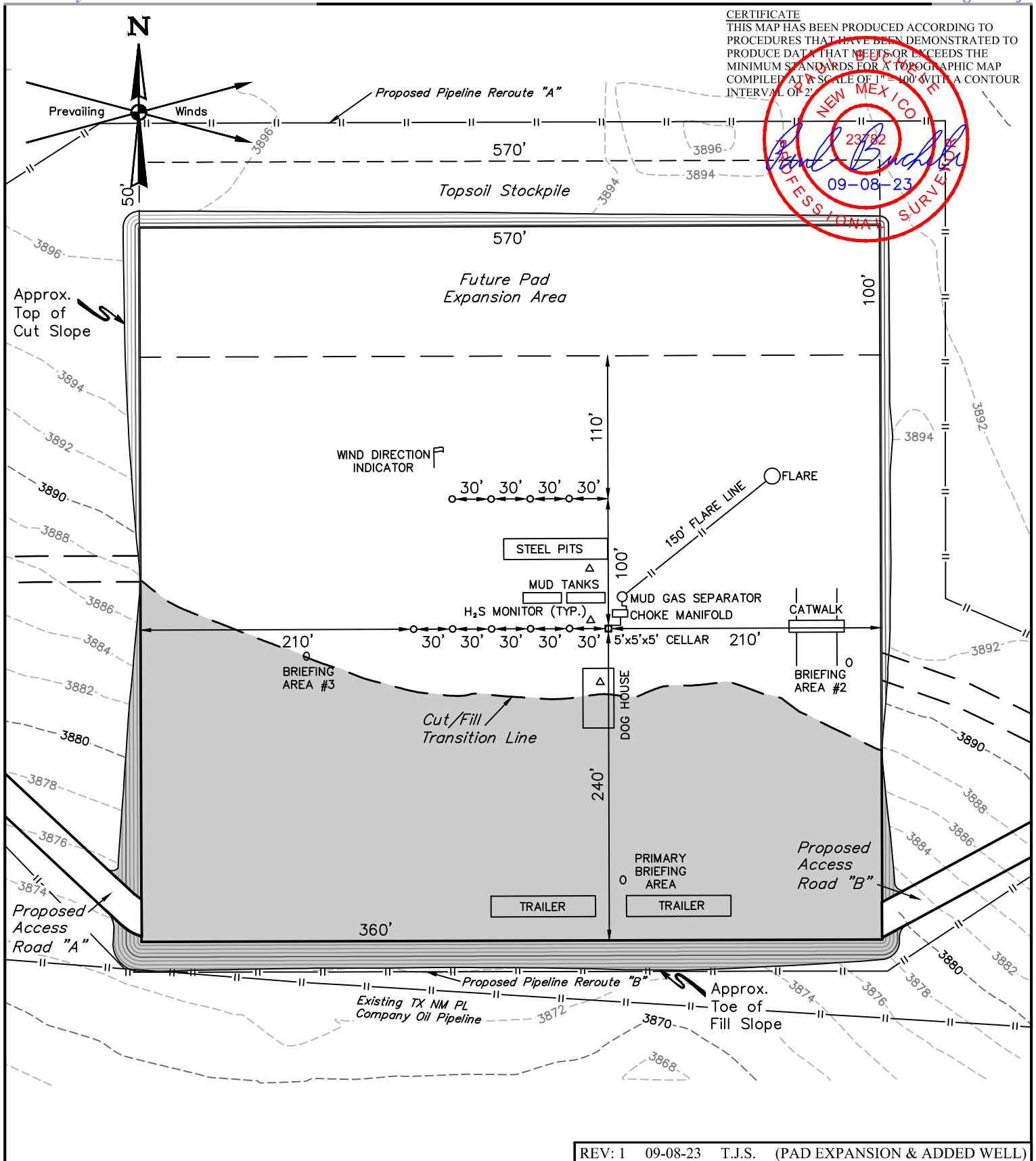
ALPHA EAST PAD  
S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

|                               |            |          |          |
|-------------------------------|------------|----------|----------|
| SURVEYED BY                   | C.H., H.F. | 08-23-23 | SCALE    |
| DRAWN BY                      | L.M.W.     | 08-28-23 | AS SHOWN |
| <b>TYPICAL CROSS SECTIONS</b> |            |          |          |



**NOTES:**

- Contours shown at 2' intervals.
- May have different number of Pump Houses and Combination Buildings.

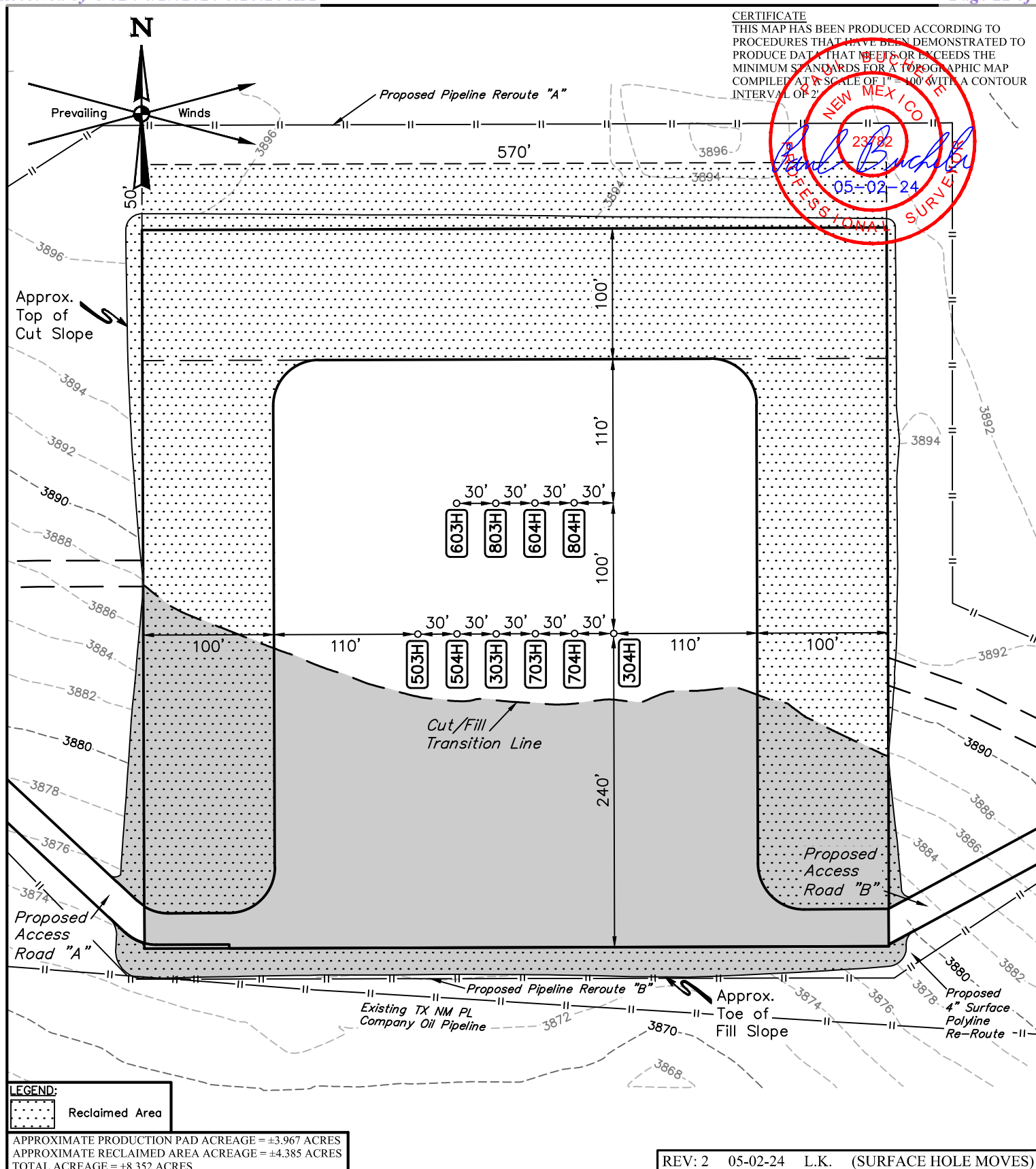
**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD**  
**S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.**  
**LEA COUNTY, NEW MEXICO**

|                           |            |          |              |
|---------------------------|------------|----------|--------------|
| <b>SURVEYED BY</b>        | C.H., H.F. | 08-23-23 | <b>SCALE</b> |
| <b>DRAWN BY</b>           | L.M.W.     | 08-28-23 | 1" = 100'    |
| <b>TYPICAL RIG LAYOUT</b> |            |          |              |



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

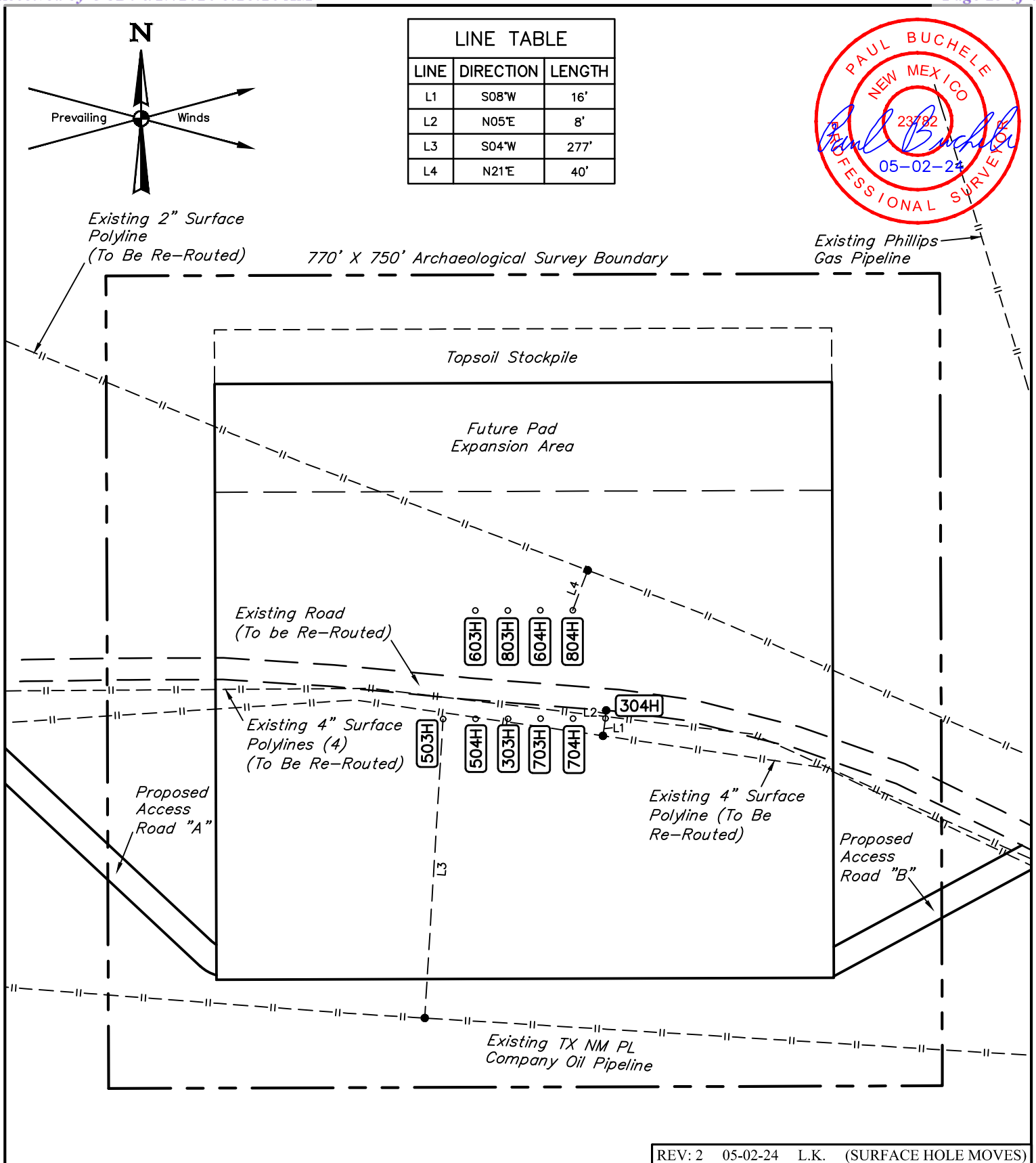
**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD**  
S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

|                            |            |          |           |
|----------------------------|------------|----------|-----------|
| SURVEYED BY                | C.H., H.F. | 08-23-23 | SCALE     |
| DRAWN BY                   | L.M.W.     | 08-28-23 | 1" = 100' |
| <b>RECLAMATION DIAGRAM</b> |            |          |           |



REV: 2 05-02-24 L.K. (SURFACE HOLE MOVES)

**NOTES:**

- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD**  
**S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.**  
**LEA COUNTY, NEW MEXICO**



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

|                                       |            |          |           |
|---------------------------------------|------------|----------|-----------|
| SURVEYED BY                           | C.H., H.F. | 08-23-23 | SCALE     |
| DRAWN BY                              | L.M.W.     | 08-28-23 | 1" = 120' |
| <b>ARCHAEOLOGICAL SURVEY BOUNDARY</b> |            |          |           |

BEGINNING AT THE INTERSECTION OF U.S. HIGHWAY 62/180 AND STATE HIGHWAY 18 IN HOBBS, NEW MEXICO, PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION ALONG U.S. HIGHWAY 62/180 APPROXIMATELY 15.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 529 TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND PEARL VALLEY ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD "A" TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 376' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM U.S. HIGHWAY 62/180 AND STATE HIGHWAY 18 IN HOBBS, NEW MEXICO TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 21.8 MILES.

REV: 1 09-08-23 T.J.S. (ROAD DESCRIPTION REVISION)

### FRANKLIN MOUNTAIN ENERGY 3, LLC

ALPHA EAST PAD  
S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

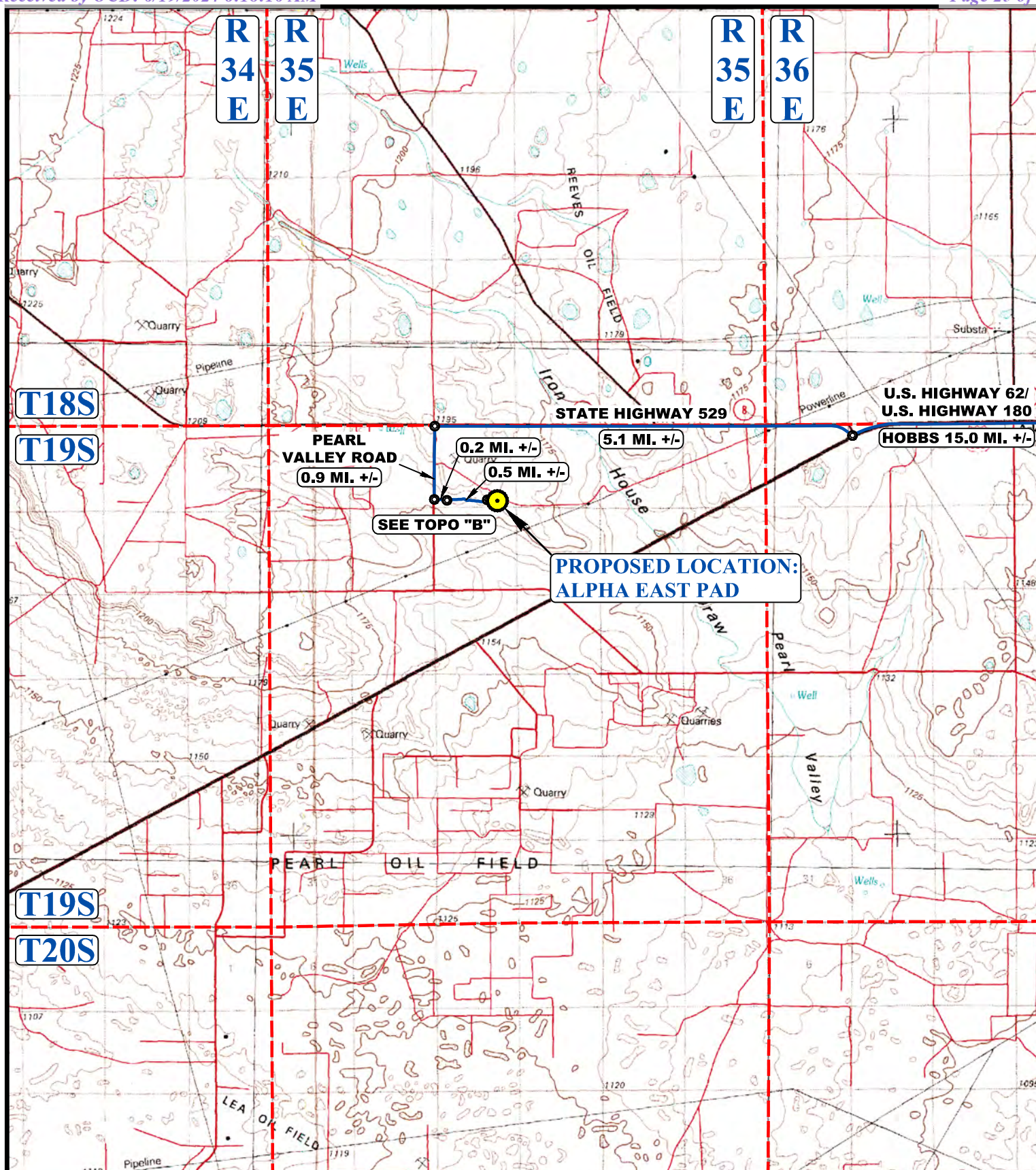
UELS, LLC

Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

|                  |            |          |  |
|------------------|------------|----------|--|
| SURVEYED BY      | C.H., H.F. | 08-23-23 |  |
| DRAWN BY         | D.M.C.     | 08-28-23 |  |
| ROAD DESCRIPTION |            |          |  |







**LEGEND:**



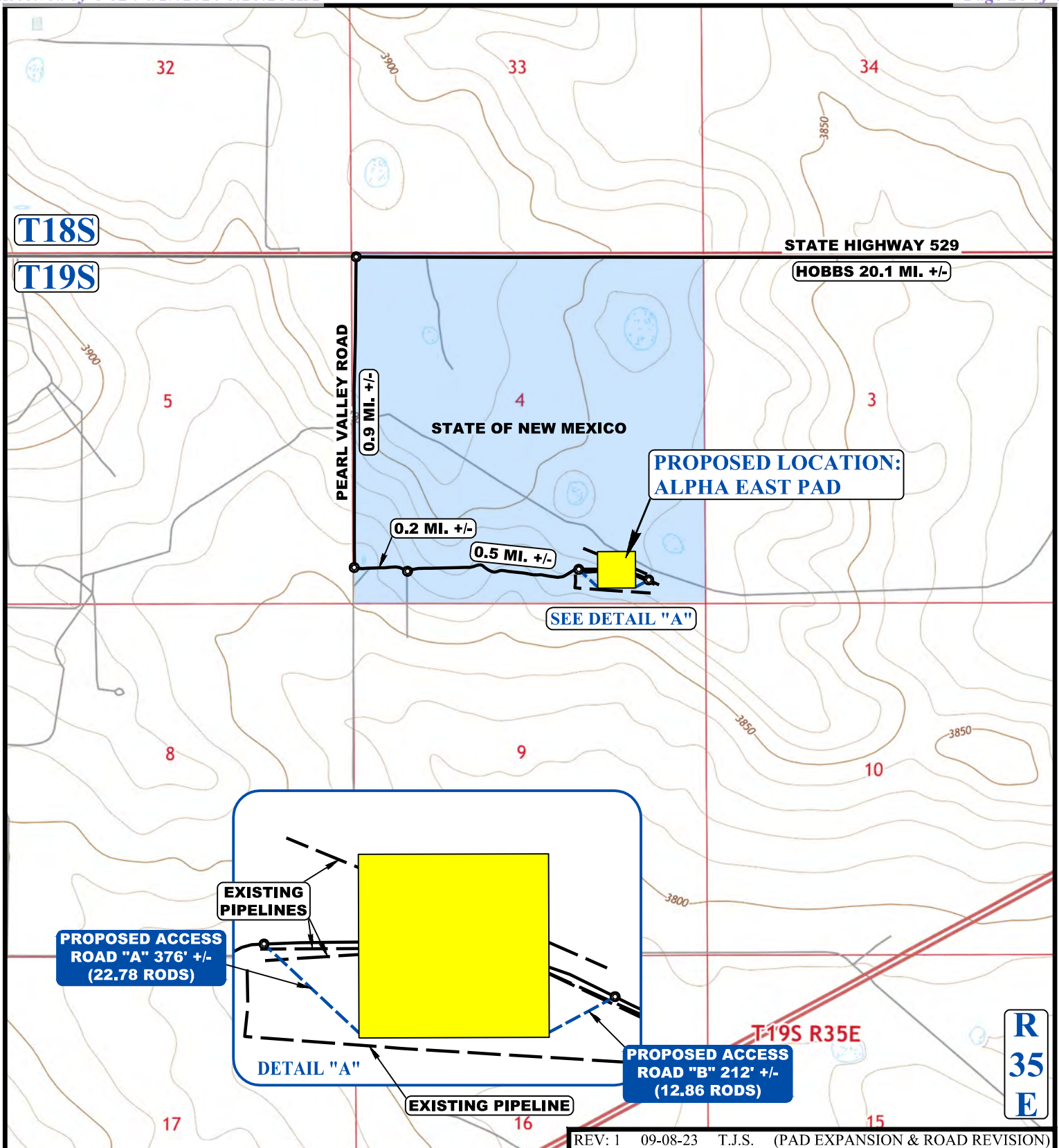
**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD  
S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO**

|                        |            |          |               |
|------------------------|------------|----------|---------------|
| <b>SURVEYED BY</b>     | C.H., H.F. | 08-23-23 | <b>SCALE</b>  |
| <b>DRAWN BY</b>        | D.M.C.     | 08-28-23 | 1 : 100,000   |
| <b>ACCESS ROAD MAP</b> |            |          | <b>TOPO A</b> |





REV: 1 09-08-23 T.J.S. (PAD EXPANSION &amp; ROAD REVISION)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

- EXISTING ROAD
- - - PROPOSED ROAD
- - - EXISTING PIPELINE
- - - PROPOSED PIPELINE
- - - PROPOSED POWER LINE



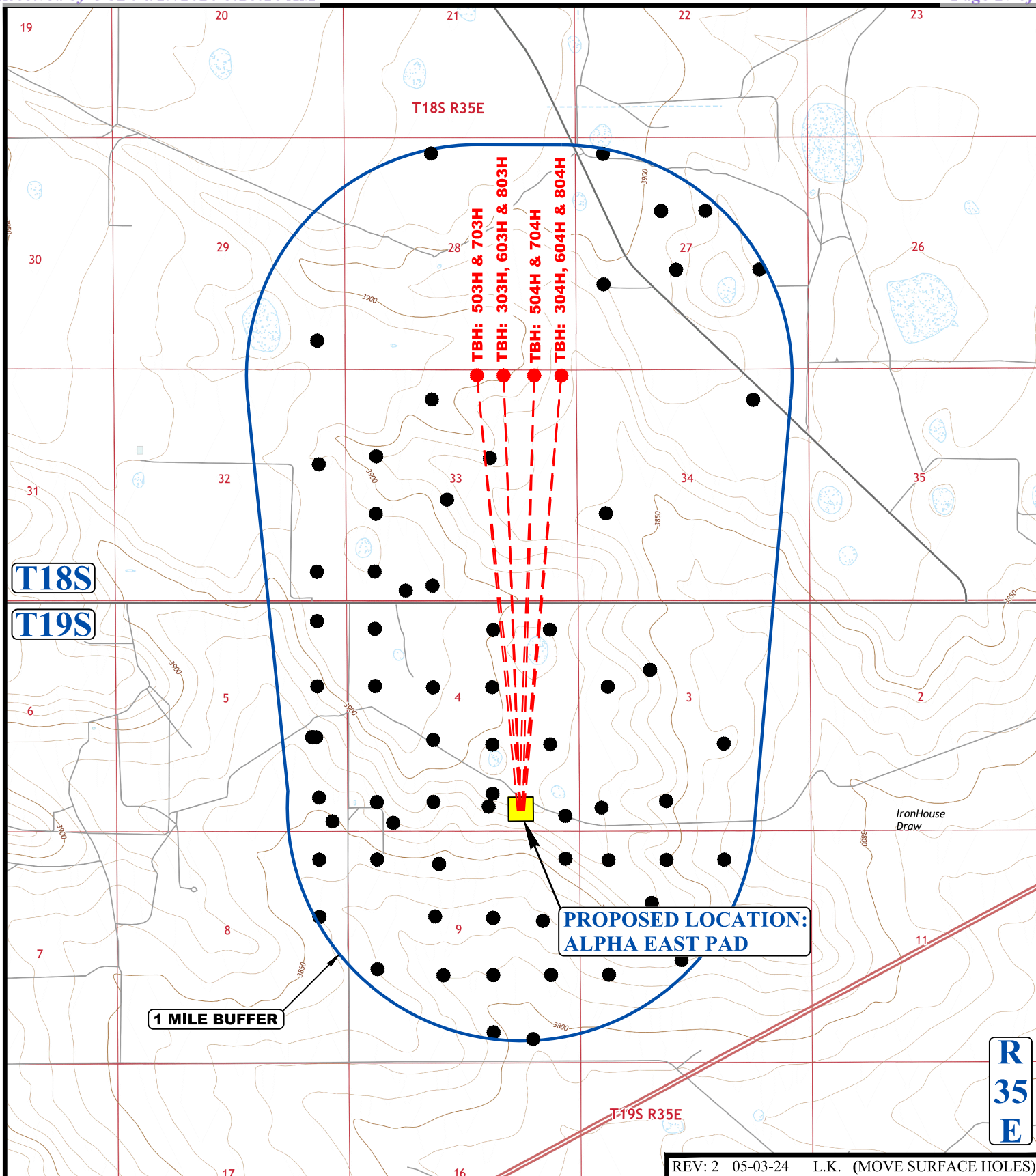
UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

**FRANKLIN MOUNTAIN ENERGY 3, LLC**

ALPHA EAST PAD  
S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

|                 |            |          |            |
|-----------------|------------|----------|------------|
| SURVEYED BY     | C.H., H.F. | 08-23-23 | SCALE      |
| DRAWN BY        | D.M.C.     | 08-28-23 | 1 : 24,000 |
| ACCESS ROAD MAP |            |          | TOPO B     |



**LEGEND:**

- EXISTING WELLS

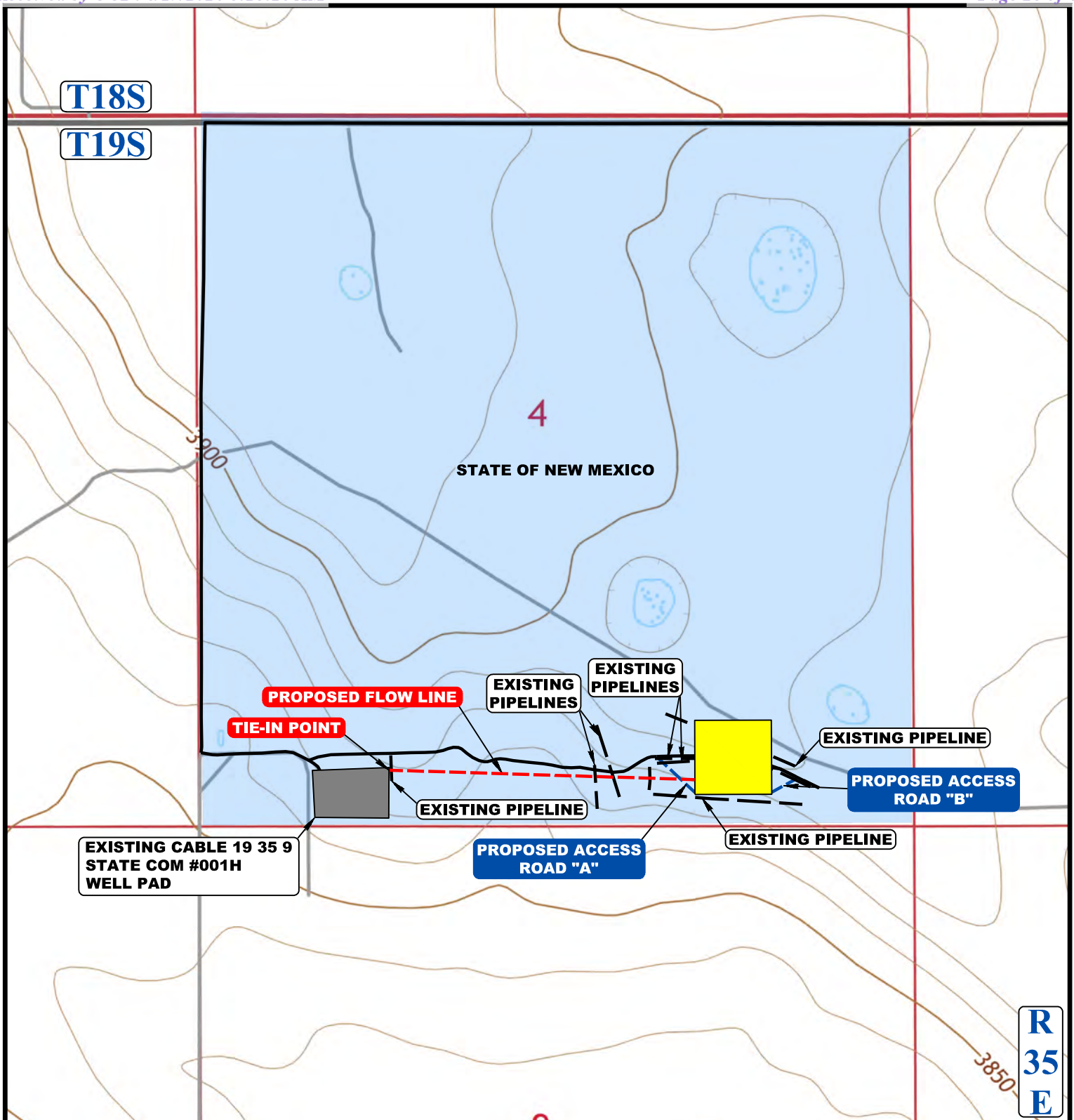
**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD**  
**S 1/2, SECTION 4, T19S, R35E, N.M.P.M.**  
**LEA COUNTY, NEW MEXICO**

|                           |            |          |               |
|---------------------------|------------|----------|---------------|
| SURVEYED BY               | C.H., H.F. | 08-23-23 | SCALE         |
| DRAWN BY                  | D.M.C.     | 08-28-23 | 1 : 36,000    |
| <b>WELL PROXIMITY MAP</b> |            |          | <b>TOPO C</b> |



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



**APPROXIMATE TOTAL FLOW LINE DISTANCE = 2271' +/-**

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

- EXISTING ROAD
- PROPOSED ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



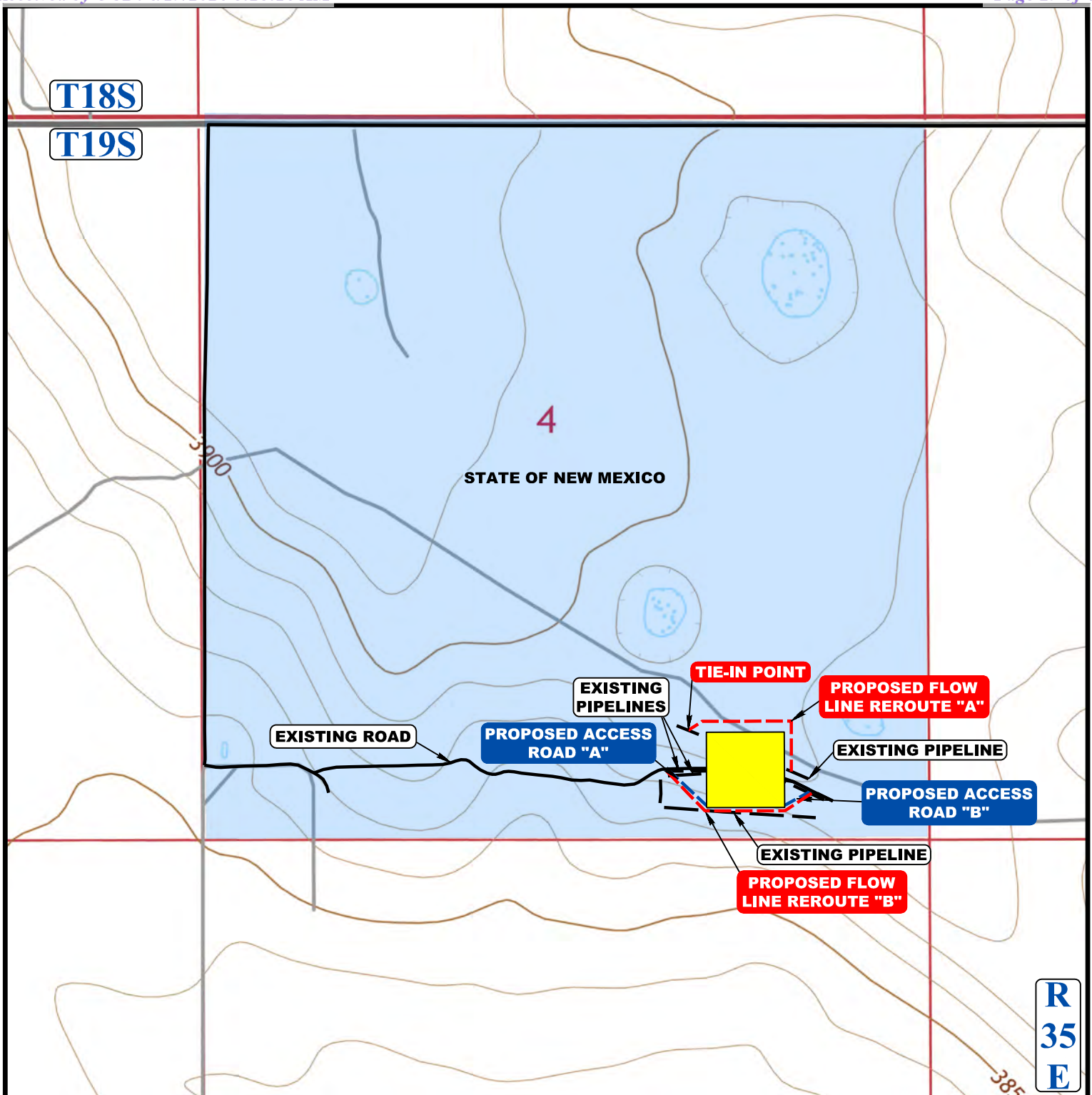
**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD**  
**S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.**  
**LEA COUNTY, NEW MEXICO**

|                      |            |          |                |
|----------------------|------------|----------|----------------|
| SURVEYED BY          | C.H., H.F. | 08-23-23 | SCALE          |
| DRAWN BY             | T.J.S.     | 09-08-23 | 1 : 12,000     |
| <b>FLOW LINE MAP</b> |            |          | <b>TOPO D1</b> |



**APPROXIMATE FLOW LINE REROUTE "A" DISTANCE = 1139' +/-**

**APPROXIMATE FLOW LINE REROUTE "B" DISTANCE = 1219' +/-**

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

#### LEGEND:

- EXISTING ROAD
- - - PROPOSED ROAD
- - - EXISTING PIPELINE
- - - PROPOSED PIPELINE



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

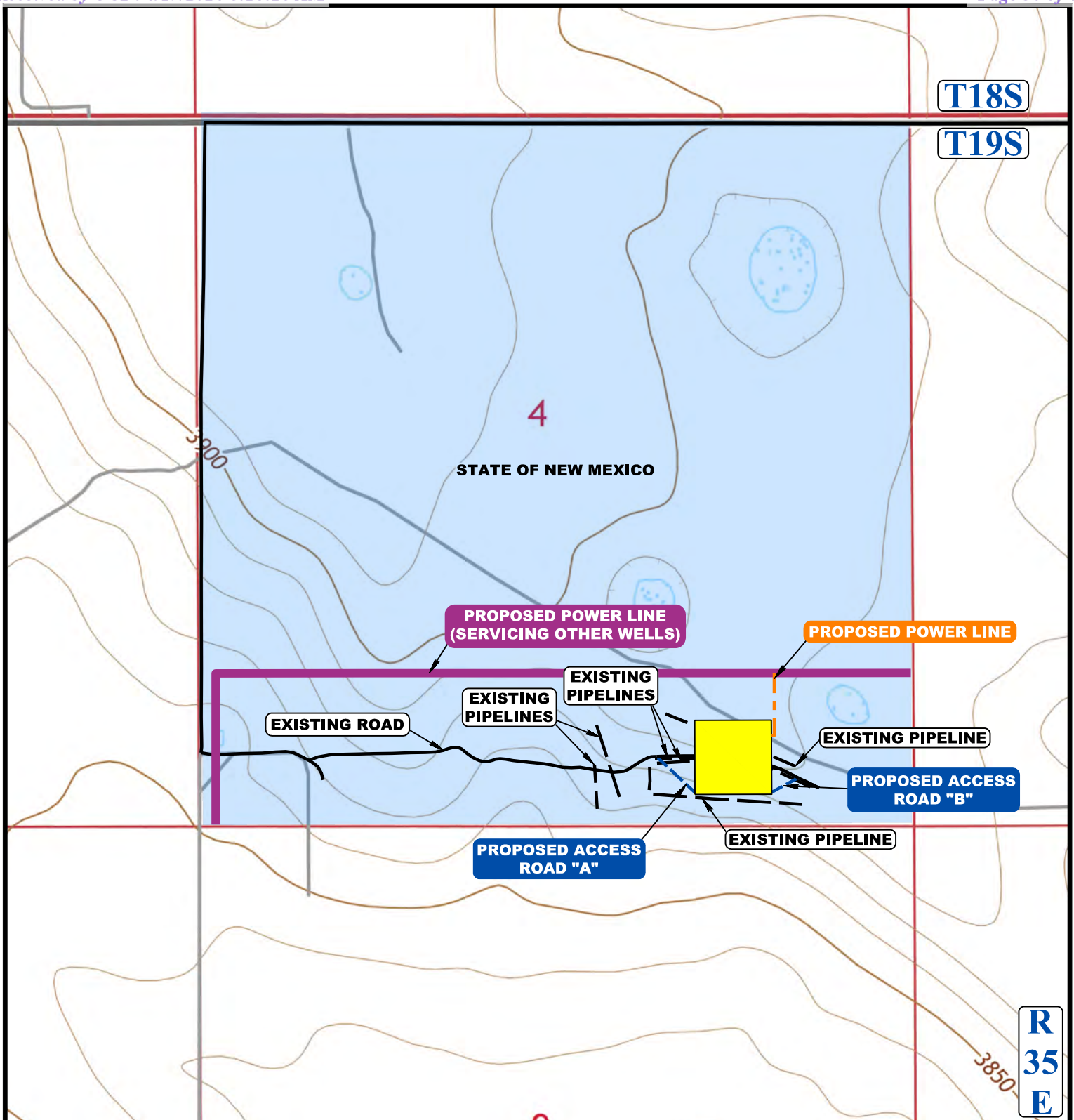


#### FRANKLIN MOUNTAIN ENERGY 3, LLC

**ALPHA EAST PAD**  
S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

|                              |            |          |                |
|------------------------------|------------|----------|----------------|
| SURVEYED BY                  | C.H., H.F. | 08-23-23 | SCALE          |
| DRAWN BY                     | T.J.S.     | 09-08-23 | 1 : 12,000     |
| <b>FLOW LINE REROUTE MAP</b> |            |          | <b>TOPO D2</b> |





**APPROXIMATE TOTAL POWER LINE DISTANCE = 484' +/-**

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

- EXISTING ROAD
- - - PROPOSED ROAD
- - - EXISTING PIPELINE
- - - PROPOSED POWER LINE
- - - PROPOSED POWER LINE (SERVICING OTHER WELLS)



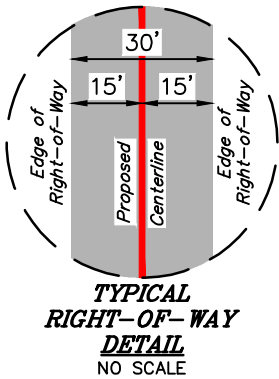
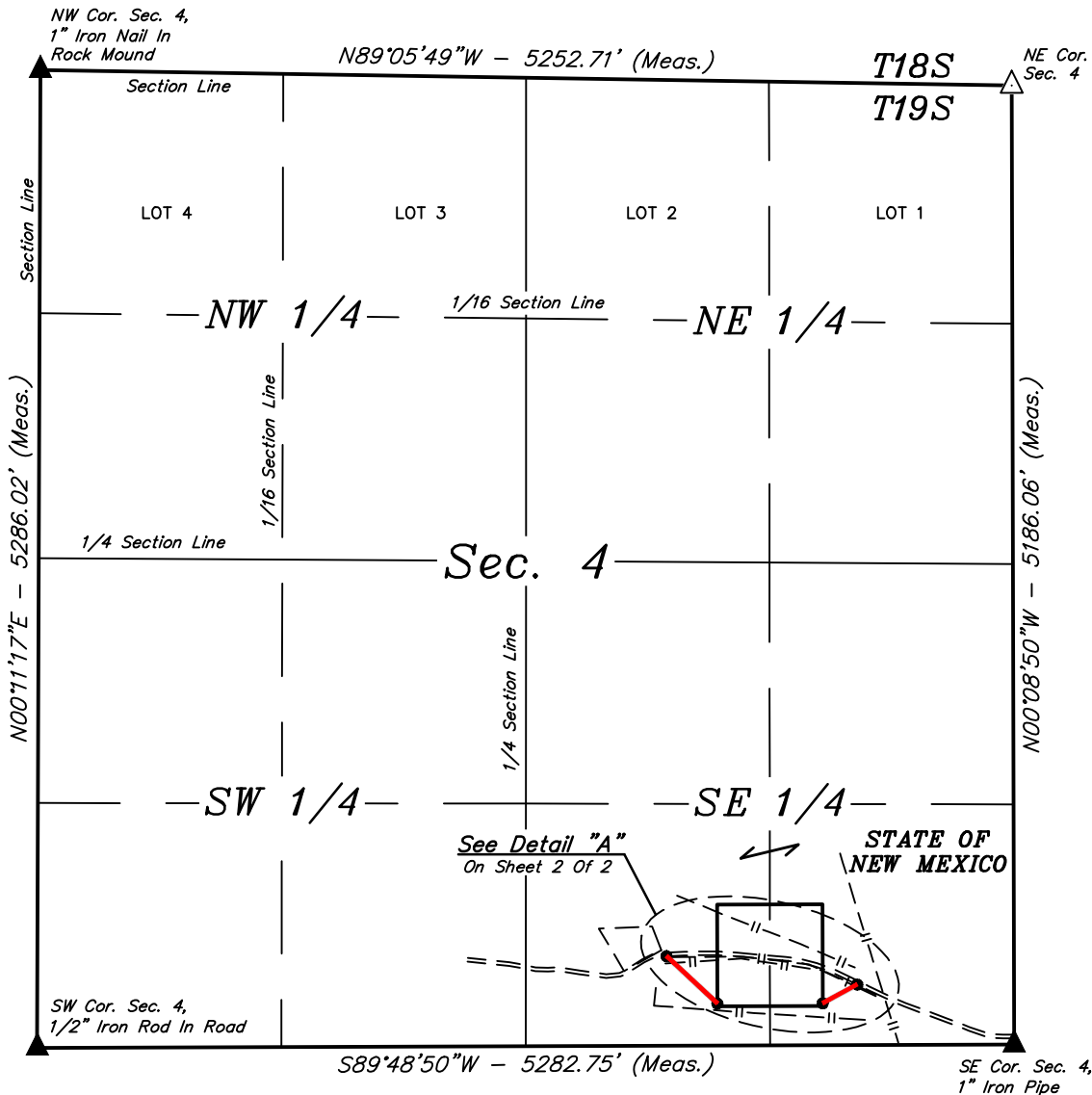
**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



**FRANKLIN MOUNTAIN ENERGY 3, LLC**

**ALPHA EAST PAD**  
**S 1/2 SE 1/4, SECTION 4, T19S, R35E, N.M.P.M.**  
**LEA COUNTY, NEW MEXICO**

|                       |            |                |            |
|-----------------------|------------|----------------|------------|
| SURVEYED BY           | C.H., H.F. | 08-23-23       | SCALE      |
| DRAWN BY              | T.J.S.     | 09-08-23       | 1 : 12,000 |
| <b>POWER LINE MAP</b> |            | <b>TOPO D3</b> |            |



| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | DIRECTION   | LENGTH  |
| L1         | S46°56'58"E | 375.86' |
| L2         | S61°37'36"W | 212.26' |

POINT OF BEGINNING "A" BEARS N75°43'27"W 1940.02' FROM THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "A" BEARS N82°08'01"W 1620.70' FROM THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

POINT OF BEGINNING "B" BEARS N69°04'27"W 908.62' FROM THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "B" BEARS N77°48'41"W 1059.33' FROM THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

| ACREAGE / LENGTH TABLE "A" |        |       |       |
|----------------------------|--------|-------|-------|
| LOCATION                   | FEET   | RODS  | ACRES |
| SEC. 4 (SW 1/4 SE 1/4)     | 375.86 | 22.78 | 0.259 |

| ACREAGE / LENGTH TABLE "B" |        |       |       |
|----------------------------|--------|-------|-------|
| LOCATION                   | FEET   | RODS  | ACRES |
| SEC. 4 (SE 1/4 SE 1/4)     | 212.26 | 12.86 | 0.146 |

CERTIFICATE  
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



▲ = SECTION CORNERS LOCATED.  
△ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.)

- NOTES:
- The maximum grade of existing ground for the proposed access road "A" is 2.1±%.
  - The maximum grade of existing ground for the proposed access road "B" is 5.7±%.
  - Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)
  - Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



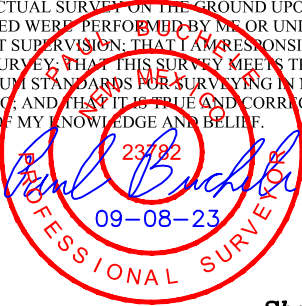
FRANKLIN MOUNTAIN ENERGY 3, LLC  
ALPHA EAST PAD  
ON STATE OF NEW MEXICO LANDS IN  
SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

|             |            |          |            |
|-------------|------------|----------|------------|
| SURVEYED BY | C.H., H.F. | 08-23-23 | SCALE      |
| DRAWN BY    | S.O.       | 08-24-23 | 1" = 1000' |
| FILE        | F-591-A1   |          |            |

ACCESS ROAD R-O-W

REV: 1 09-08-23 T.J.S. (ROAD "A" RE-ROUTE)

Sheet 1 of 2





ROAD "A" RIGHT-OF-WAY DESCRIPTION

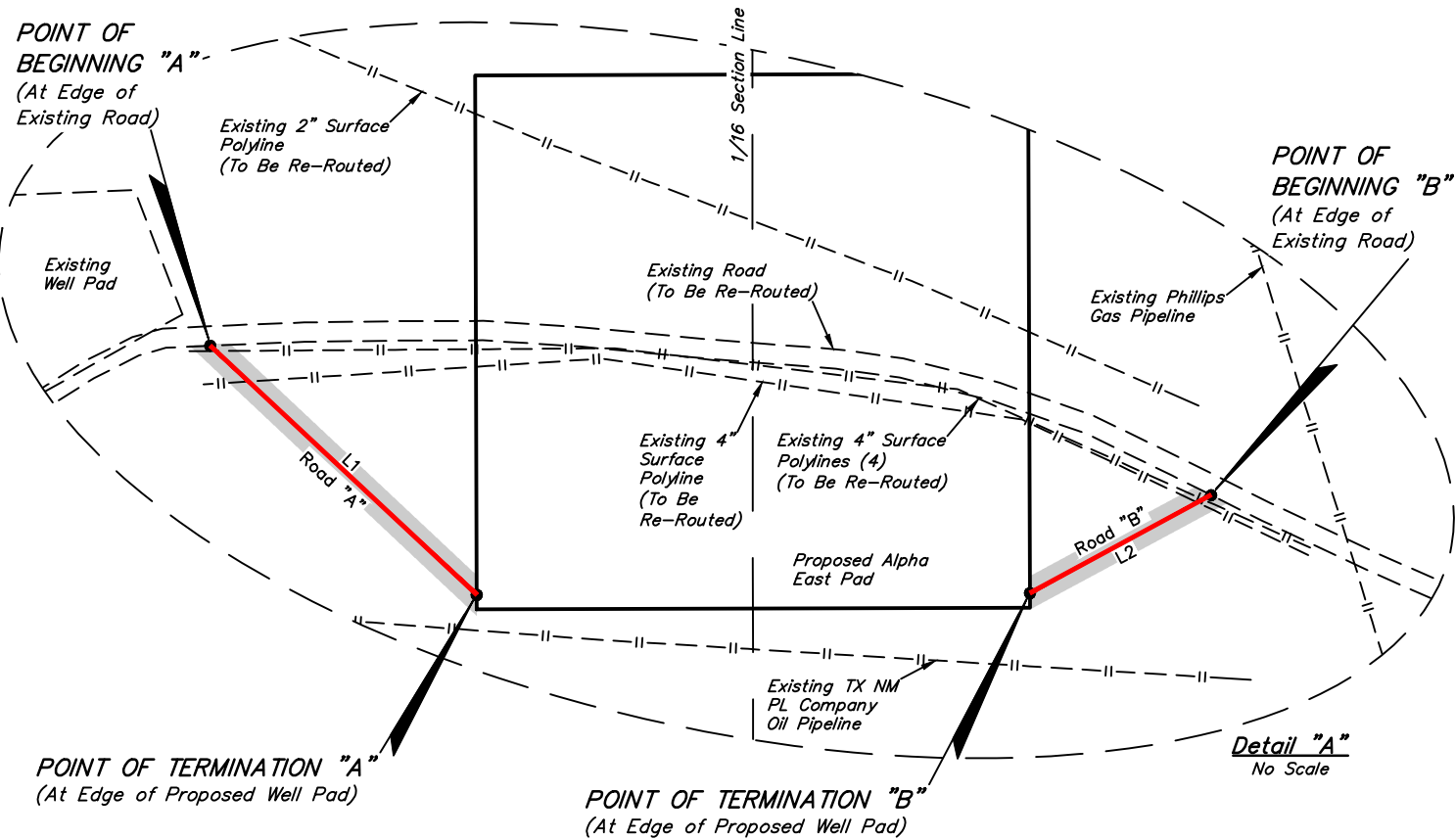
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75, THENCE N75°43'27"W 1940.02' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE S46°56'58"E 375.86' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N82°08'01"W 1620.70' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.259 ACRES MORE OR LESS.

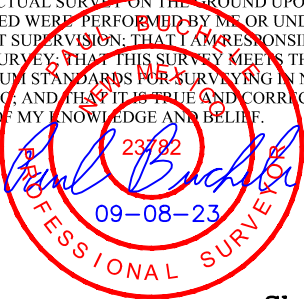
ROAD "B" RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75, THENCE N69°04'27"W 908.62' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE S61°37'36"W 212.26' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N77°48'41"W 1059.33' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.146 ACRES MORE OR LESS.



CERTIFICATE  
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Sheet 2 of 2

REV: 1 09-08-23 T.J.S. (ROAD "A" RE-ROUTE)

- NOTES:
- The maximum grade of existing ground for the proposed access road "A" is 2.1±%.
  - The maximum grade of existing ground for the proposed access road "B" is 5.7±%.
  - Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)
  - Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.



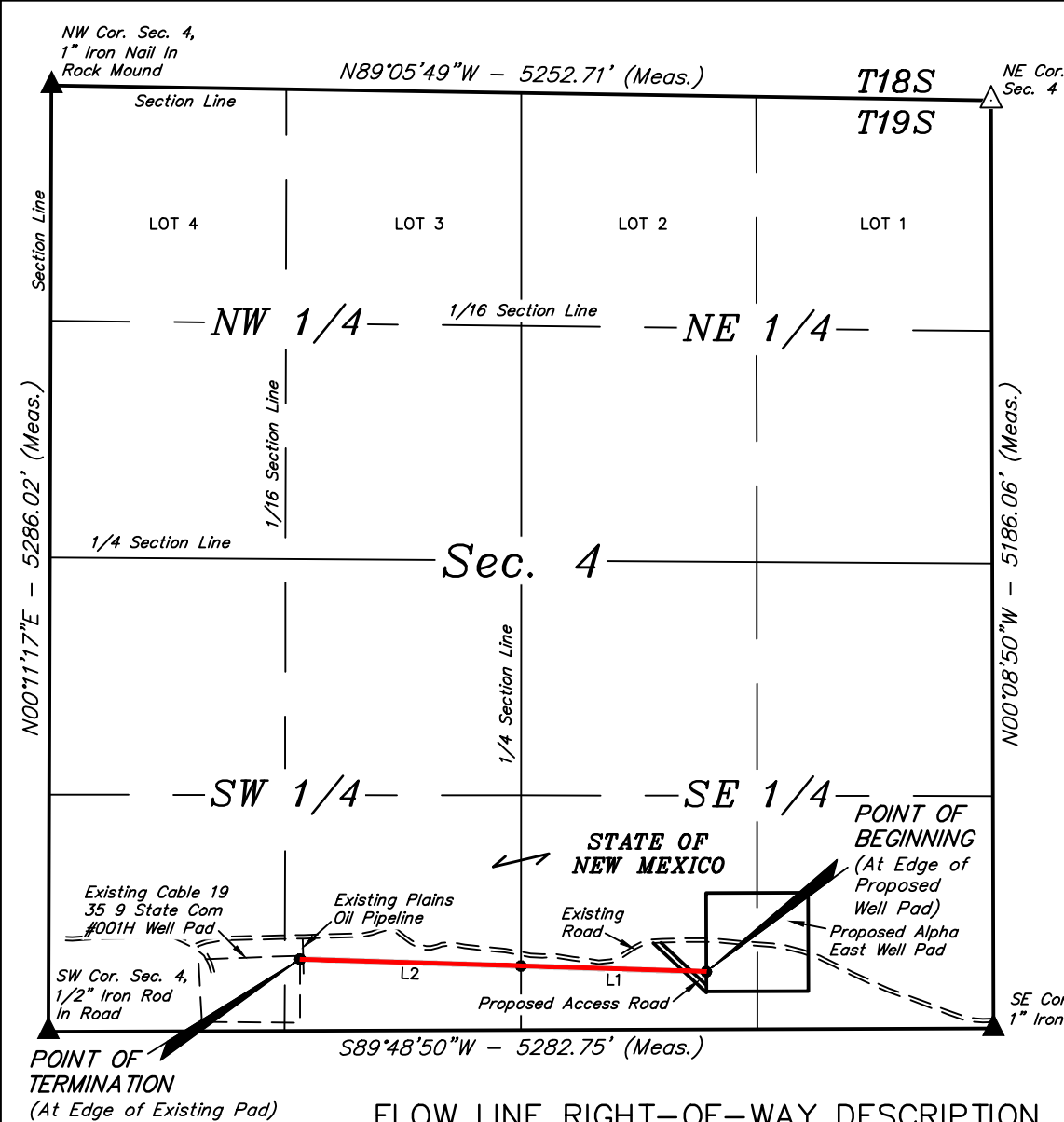
FRANKLIN MOUNTAIN ENERGY 3, LLC

ALPHA EAST PAD  
ON STATE OF NEW MEXICO LANDS IN  
SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

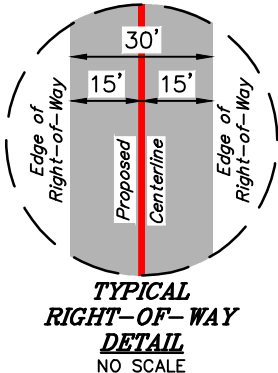
|                   |            |          |       |
|-------------------|------------|----------|-------|
| SURVEYED BY       | C.H., H.F. | 08-23-23 | SCALE |
| DRAWN BY          | S.O.       | 08-24-23 | N/A   |
| FILE              | F-591-A2   |          |       |
| ACCESS ROAD R-O-W |            |          |       |



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



| LINE TABLE |             |          |
|------------|-------------|----------|
| LINE       | DIRECTION   | LENGTH   |
| L1         | N88°14'07"W | 1035.95' |
| L2         | N88°14'07"W | 1235.30' |



FLOW LINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75', THENCE N78°49'15"W 1636.82' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE N88°14'07"W 1035.95' TO A POINT ON THE WEST LINE OF THE SW 1/4 SE 1/4 OF SAID SECTION 4; THENCE CONTINUING N88°14'07"W 1235.30' TO A POINT IN THE SE 1/4 SW 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N73°57'37"E 1463.77' FROM THE SOUTHWEST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 1.564 ACRES MORE OR LESS.

POINT OF BEGINNING BEARS N78°49'15"W 1636.82' FROM THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION BEARS N73°57'37"E 1463.77' FROM THE SOUTHWEST CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

| ACREAGE / LENGTH TABLE |         |        |       |
|------------------------|---------|--------|-------|
| LOCATION               | FEET    | RODS   | ACRES |
| SEC. 4 (SW 1/4 SE 1/4) | 1035.95 | 62.78  | 0.713 |
| SEC. 4 (SE 1/4 SW 1/4) | 1235.30 | 74.87  | 0.851 |
| TOTAL                  | 2271.25 | 137.65 | 1.564 |

CERTIFICATE  
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

- NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)
  - Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.



FRANKLIN MOUNTAIN ENERGY 3, LLC

ALPHA EAST PAD

ON STATE OF NEW MEXICO LANDS IN

SECTION 4, T19S, R35E, N.M.P.M.

LEA COUNTY, NEW MEXICO

|             |            |          |            |
|-------------|------------|----------|------------|
| SURVEYED BY | C.H., H.F. | 08-23-23 | SCALE      |
| DRAWN BY    | T.J.S.     | 09-08-23 | 1" = 1000' |
| FILE        | F-591-A1   |          |            |

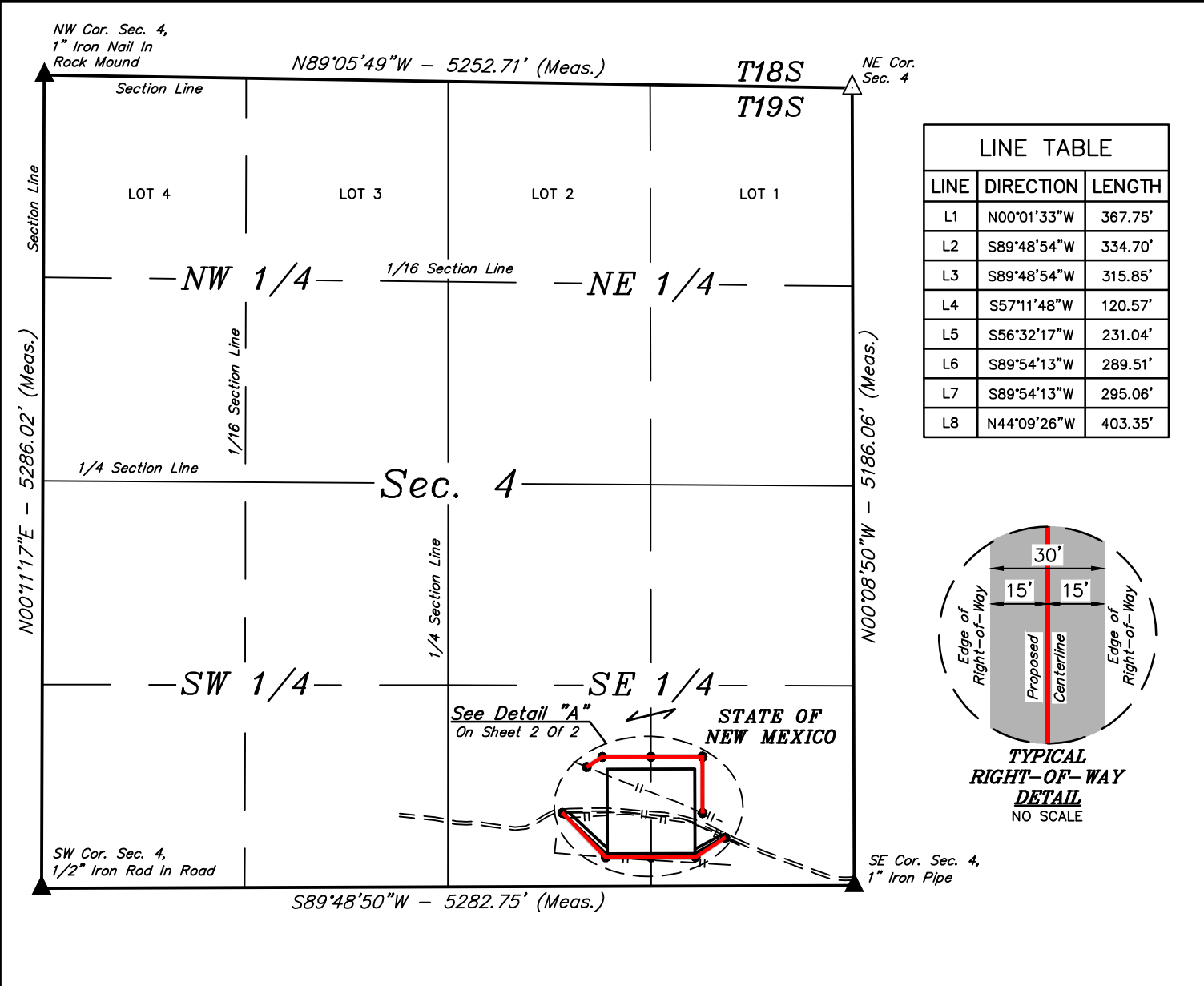
FLOW LINE R-O-W



UELS, LLC

Corporate Office \* 85 South 200 East

Vernal, UT 84078 \* (435) 789-1017



POINT OF BEGINNING "A" BEARS N64°28'48"W  
1093.41' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "A" BEARS N66°04'34"W  
1902.21' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

POINT OF BEGINNING "B" BEARS N69°36'20"W  
894.71' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "B" BEARS N76°00'17"W  
1954.96' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

ACREAGE / LENGTH TABLE "A"

| LOCATION               | FEET    | RODS  | ACRES |
|------------------------|---------|-------|-------|
| SEC. 4 (SE 1/4 SE 1/4) | 702.45  | 42.57 | 0.484 |
| SEC. 4 (SW 1/4 SE 1/4) | 436.42  | 26.45 | 0.301 |
| TOTAL                  | 1138.87 | 69.02 | 0.785 |

ACREAGE / LENGTH TABLE "B"

| LOCATION               | FEET    | RODS  | ACRES |
|------------------------|---------|-------|-------|
| SEC. 4 (SE 1/4 SE 1/4) | 520.55  | 31.55 | 0.359 |
| SEC. 4 (SW 1/4 SE 1/4) | 698.41  | 42.33 | 0.481 |
| TOTAL                  | 1218.96 | 73.88 | 0.840 |

CERTIFICATE  
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND  
THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT  
IS BASED WERE PERFORMED BY ME OR UNDER MY  
DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR  
THIS SURVEY; THAT THIS SURVEY MEETS THE  
MINIMUM STANDARDS FOR SURVEYING IN NEW  
MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

23782  
09-08-23  
PROFESSIONAL SURVEYOR



▲ = SECTION CORNERS LOCATED.  
△ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.)

- NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)
  - Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.



FRANKLIN MOUNTAIN ENERGY 3, LLC

ALPHA EAST PAD  
ON STATE OF NEW MEXICO LANDS IN  
SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

|             |            |          |            |
|-------------|------------|----------|------------|
| SURVEYED BY | C.H., H.F. | 08-23-23 | SCALE      |
| DRAWN BY    | T.J.S.     | 09-08-23 | 1" = 1000' |
| FILE        | F-591-A1   |          |            |

FLOW LINE REROUTE R-O-W



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

FLOW LINE REROUTE "A" RIGHT-OF-WAY DESCRIPTION

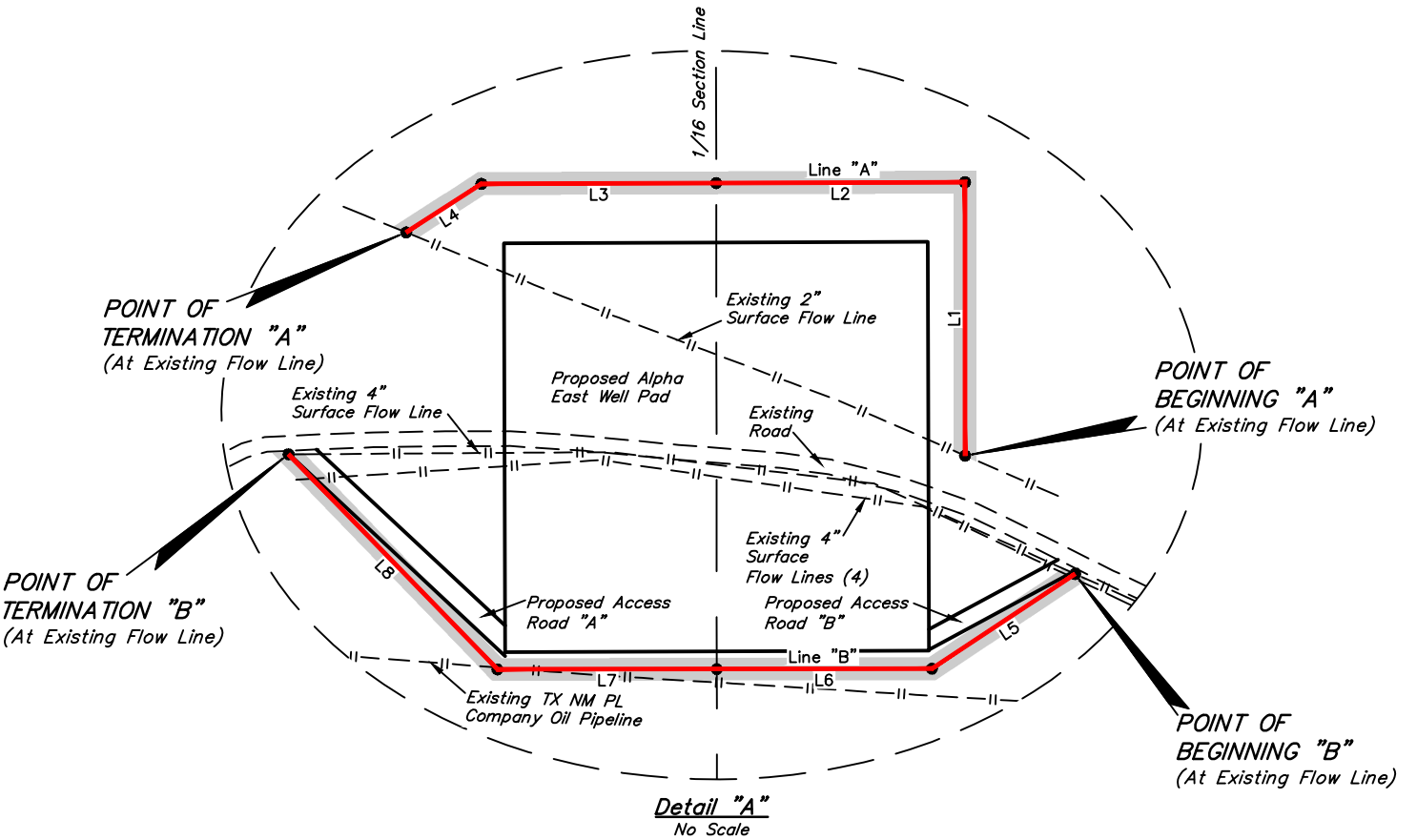
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75', THENCE N64°28'48"W 1093.41' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE N00°01'33"W 367.75'; THENCE S89°48'54"W 334.70' TO A POINT ON THE WEST LINE OF THE SE 1/4 SE 1/4 OF SAID SECTION 4; THENCE CONTINUING S89°48'54"W 315.85'; THENCE S57°11'48"W 120.57' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N66°04'34"W 1902.21' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.785 ACRES MORE OR LESS.

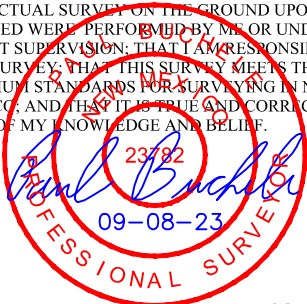
FLOW LINE REROUTE "B" RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75', THENCE N69°36'20"W 894.71' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE S56°32'17"W 231.04'; THENCE S89°54'13"W 289.51' TO A POINT ON THE WEST LINE OF THE SE 1/4 SE 1/4 OF SAID SECTION 4; THENCE CONTINUING S89°54'13"W 295.06'; THENCE N44°09'26"W 403.35' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N76°00'17"W 1954.96' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.840 ACRES MORE OR LESS.



CERTIFICATE  
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Sheet 2 of 2

- NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)
  - Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.



FRANKLIN MOUNTAIN ENERGY 3, LLC

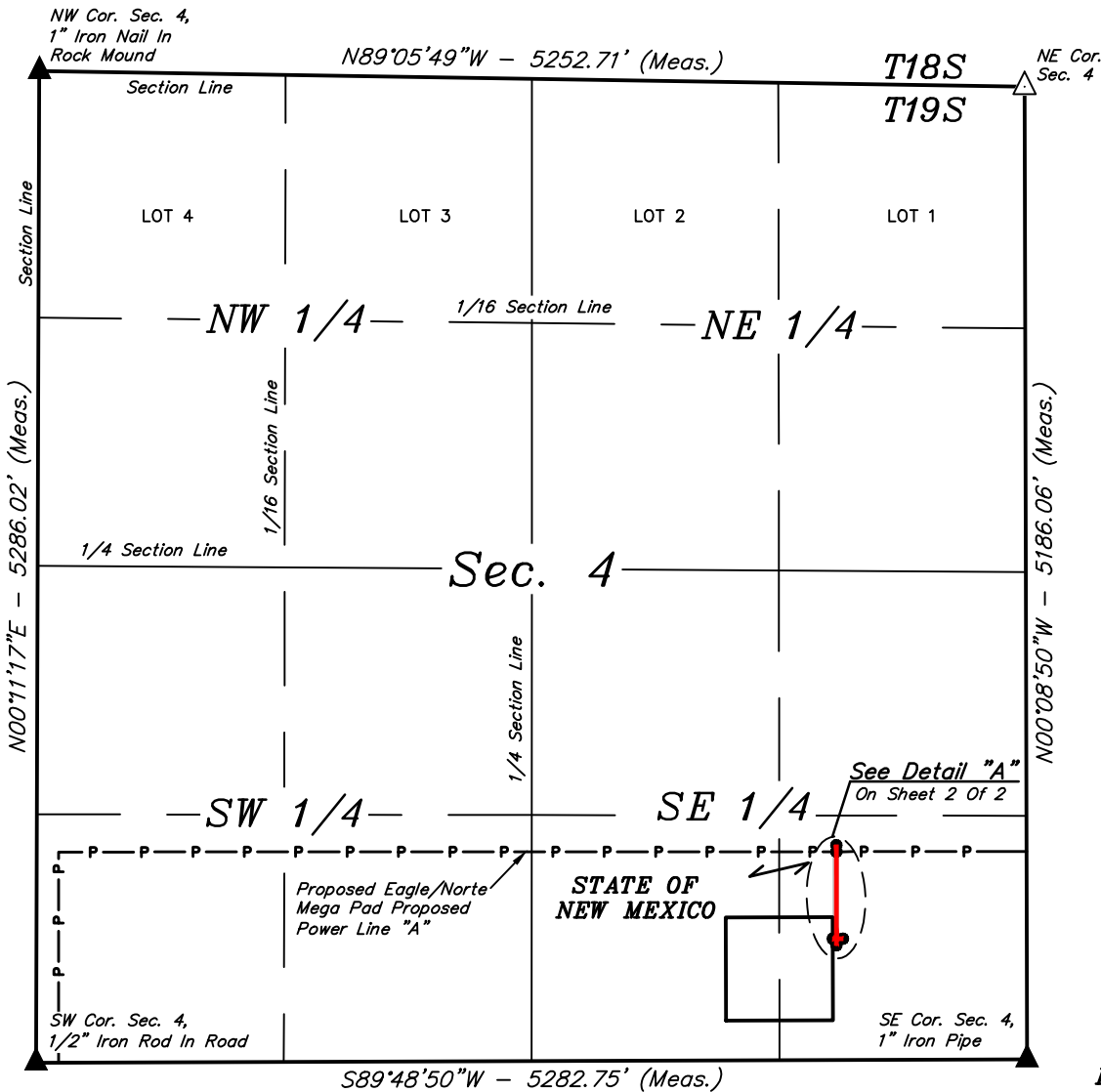
ALPHA EAST PAD  
ON STATE OF NEW MEXICO LANDS IN  
SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

|             |            |          |       |
|-------------|------------|----------|-------|
| SURVEYED BY | C.H., H.F. | 08-23-23 | SCALE |
| DRAWN BY    | T.J.S.     | 09-08-23 | N/A   |
| FILE        | F-591-A2   |          |       |

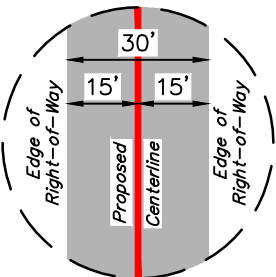
FLOW LINE REROUTE R-O-W



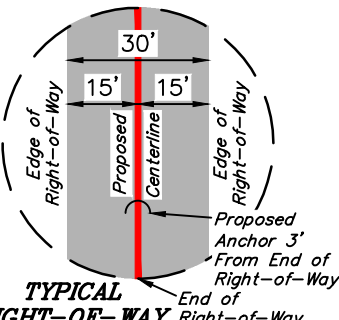
UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | DIRECTION   | LENGTH  |
| L1         | S00°01'33"E | 463.98' |
| L2         | S89°48'54"W | 20.00'  |
| L3         | N00°01'33"W | 35.00'  |
| L4         | S90°00'00"E | 35.00'  |
| L5         | S00°01'33"E | 35.00'  |



TYPICAL  
RIGHT-OF-WAY  
DETAIL FOR L1-L2  
NO SCALE



TYPICAL  
RIGHT-OF-WAY  
DETAIL L3-L5  
NO SCALE

POINT OF BEGINNING "A" BEARS N42°33'22"W  
1503.77' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "A" BEARS  
N58°10'05"W 1220.36' FROM THE SOUTHEAST  
CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

POINT OF BEGINNING "B" BEARS N42°33'22"W  
1503.77' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "B" BEARS  
N41°40'12"W 1529.75' FROM THE SOUTHEAST  
CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

POINT OF BEGINNING "C" BEARS N57°39'47"W  
1203.44' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "C" BEARS  
N56°44'58"W 1174.02' FROM THE SOUTHEAST  
CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

POINT OF BEGINNING "D" BEARS N57°39'47"W  
1203.44' FROM THE SOUTHEAST CORNER OF  
SECTION 4, T19S, R35E, N.M.P.M.

POINT OF TERMINATION "D" BEARS  
N59°05'33"W 1185.08' FROM THE SOUTHEAST  
CORNER OF SECTION 4, T19S, R35E, N.M.P.M.

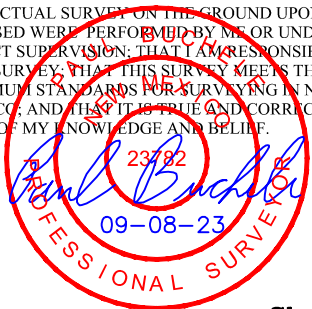
| ACREAGE / LENGTH<br>TABLE "A" |        |       |       |
|-------------------------------|--------|-------|-------|
| LOCATION                      | FEET   | RODS  | ACRES |
| SEC. 4 (SE 1/4 SE 1/4)        | 483.98 | 29.33 | 0.333 |

| ACREAGE / LENGTH<br>TABLE "C" |       |      |       |
|-------------------------------|-------|------|-------|
| LOCATION                      | FEET  | RODS | ACRES |
| SEC. 4 (SE 1/4 SE 1/4)        | 35.00 | 2.12 | 0.024 |

| ACREAGE / LENGTH<br>TABLE "B" |       |      |       |
|-------------------------------|-------|------|-------|
| LOCATION                      | FEET  | RODS | ACRES |
| SEC. 4 (SE 1/4 SE 1/4)        | 35.00 | 2.12 | 0.024 |

| ACREAGE / LENGTH<br>TABLE "D" |       |      |       |
|-------------------------------|-------|------|-------|
| LOCATION                      | FEET  | RODS | ACRES |
| SEC. 4 (SE 1/4 SE 1/4)        | 35.00 | 2.12 | 0.024 |

CERTIFICATE  
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND  
THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT  
IS BASED WERE PERFORMED BY ME OR UNDER MY  
DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR  
THIS SURVEY; THAT THIS SURVEY MEETS THE  
MINIMUM STANDARDS FOR SURVEYING IN NEW  
MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.



▲ = SECTION CORNERS LOCATED.  
△ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.)

- NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)
  - Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.



FRANKLIN MOUNTAIN ENERGY 3, LLC

ALPHA EAST PAD  
ON STATE OF NEW MEXICO LANDS IN  
SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

|             |            |          |            |
|-------------|------------|----------|------------|
| SURVEYED BY | C.H., H.F. | 08-23-23 | SCALE      |
| DRAWN BY    | T.J.S.     | 09-08-23 | 1" = 1000' |
| FILE        | F-591-A1   |          |            |

POWER LINE R-O-W



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



POWER LINE "A" RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75', THENCE N42°33'22"W 1503.77' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE S00°01'33"E 463.98'; THENCE S89°48'54"W 20.00' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N58°10'05"W 1220.36' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.333 ACRES MORE OR LESS.

POWER LINE "B" RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75', THENCE N42°33'22"W 1503.77' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE N00°01'33"W 35.00' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N41°40'12"W 1529.75' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.024 ACRES MORE OR LESS.

POWER LINE "C" RIGHT-OF-WAY DESCRIPTION

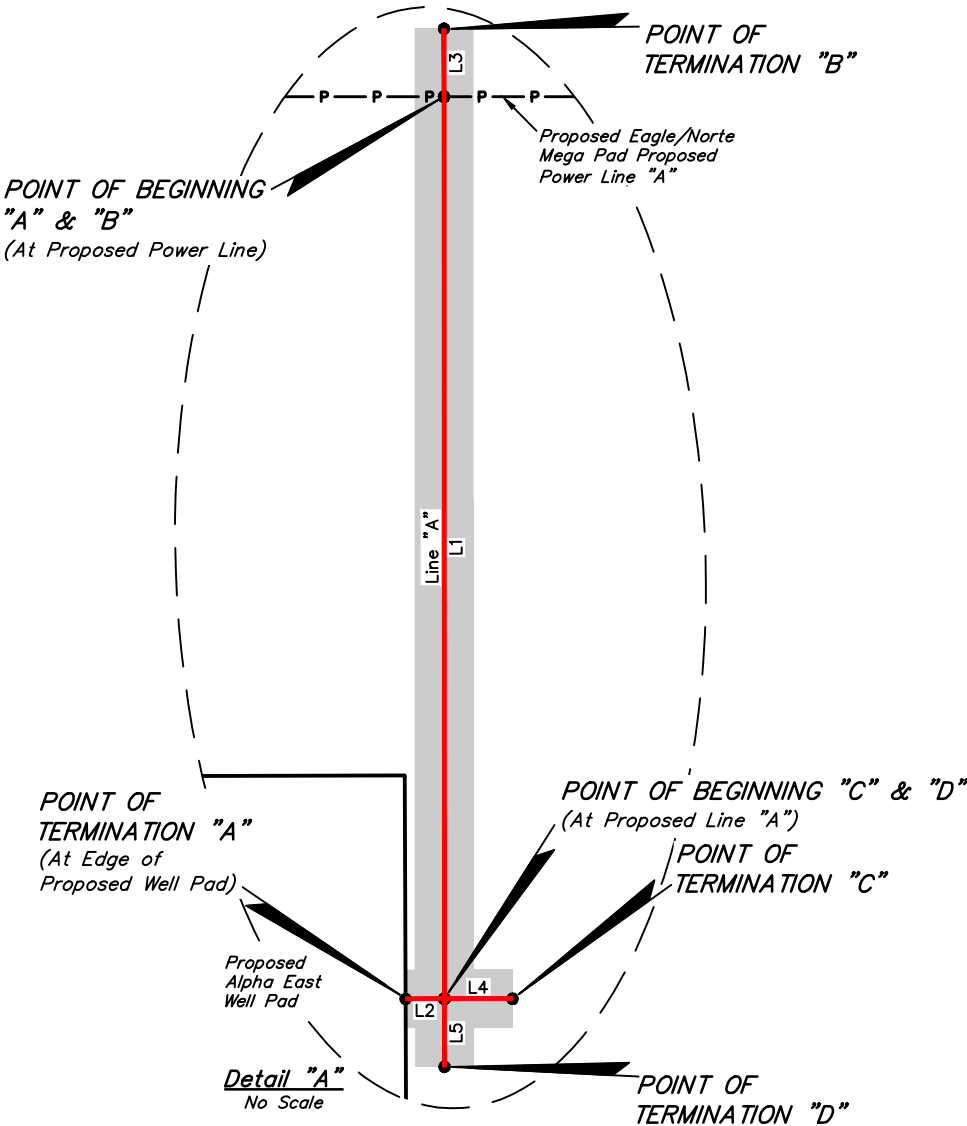
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75', THENCE N57°39'47"W 1203.44' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE S90°00'00"E 35.00' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N56°44'58"W 1174.02' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.024 ACRES MORE OR LESS.

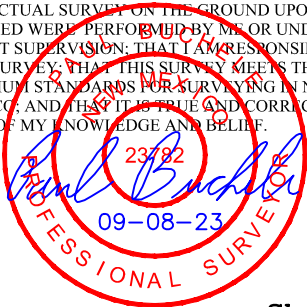
POWER LINE "D" RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTHEAST CORNER OF SECTION 4, T19S, R35E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 4 BEARS S89°48'50"W 5282.75', THENCE N57°39'47"W 1203.44' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF BEGINNING; THENCE S00°01'33"E 35.00' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 4 AND THE POINT OF TERMINATION, WHICH BEARS N59°05'33"W 1185.08' FROM THE SOUTHEAST CORNER OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.024 ACRES MORE OR LESS.



CERTIFICATE  
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



- NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)
  - Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.



FRANKLIN MOUNTAIN ENERGY 3, LLC

ALPHA EAST PAD  
ON STATE OF NEW MEXICO LANDS IN  
SECTION 4, T19S, R35E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

|             |            |          |       |
|-------------|------------|----------|-------|
| SURVEYED BY | C.H., H.F. | 08-23-23 | SCALE |
| DRAWN BY    | T.J.S.     | 09-08-23 | N/A   |
| FILE        | F-591-A2   |          |       |

POWER LINE R-O-W



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



# **Franklin Mountain Energy LLC**

**PV\_Lea County, NM(N83-NME3001)**

**Alpha East**

**B04\_Alpha State Com 703H**

**703H**

**Plan: APD-Rev02**

## **Standard Planning Report**

**21 May, 2024**



## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | TZ USA 17.2                    | <b>Local Co-ordinate Reference:</b> | Well B04_Alpha State Com 703H |
| <b>Company:</b>  | Franklin Mountain Energy LLC   | <b>TVD Reference:</b>               | 3888+30 @ 3918.00usft         |
| <b>Project:</b>  | PV_Lea County, NM(N83-NME3001) | <b>MD Reference:</b>                | 3888+30 @ 3918.00usft         |
| <b>Site:</b>     | Alpha East                     | <b>North Reference:</b>             | Grid                          |
| <b>Well:</b>     | B04_Alpha State Com 703H       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | 703H                           |                                     |                               |
| <b>Design:</b>   | APD-Rev02                      |                                     |                               |

|                    |                                |                      |                |
|--------------------|--------------------------------|----------------------|----------------|
| <b>Project</b>     | PV_Lea County, NM(N83-NME3001) |                      |                |
| <b>Map System:</b> | US State Plane 1983            | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983      |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone        |                      |                |

|                       |            |              |                 |            |               |
|-----------------------|------------|--------------|-----------------|------------|---------------|
| Site                  | Alpha East |              |                 |            |               |
| Site Position:        |            | Northing:    | 613,547.68 usft | Latitude:  | 32.68363169   |
| From:                 | Map        | Easting:     | 810,694.70 usft | Longitude: | -103.45786190 |
| Position Uncertainty: | 0.00 usft  | Slot Radius: | 13-3/16 "       |            |               |

| Well                 | B04_Alpha State Com 703H |           |                     |                 |               |               |
|----------------------|--------------------------|-----------|---------------------|-----------------|---------------|---------------|
| Well Position        | +N/-S                    | 0.00 usft | Northing:           | 613,547.24 usft | Latitude:     | 32.68363184   |
|                      | +E/-W                    | 0.00 usft | Easting:            | 810,634.71 usft | Longitude:    | -103.45805688 |
| Position Uncertainty |                          | 0.00 usft | Wellhead Elevation: | usft            | Ground Level: | 3,888.00 usft |
| Grid Convergence:    |                          | 0.47 °    |                     |                 |               |               |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | 703H              |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 5/21/2024          | 6.18                   | 60.23                | 47,466.88537559            |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <b>Design</b>            | APD-Rev02                      |                     |                     |                      |      |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |      |
| <b>Version:</b>          |                                | <b>Phase:</b>       | PLAN                | <b>Tie On Depth:</b> | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |      |
|                          | 0.00                           | 0.00                | 0.00                | 359.56               |      |

|                                 |                        |                          |                  |                            |  |
|---------------------------------|------------------------|--------------------------|------------------|----------------------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 5/21/2024                |                  |                            |  |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Remarks</b>             |  |
| 1                               | 0.00                   | 21,009.35                | APD-Rev02 (703H) | MWD+IFR1+MS                |  |
|                                 |                        |                          |                  | OWSG MWD + IFR1 + Multi-St |  |



Planning Report

|           |                                |                              |                               |
|-----------|--------------------------------|------------------------------|-------------------------------|
| Database: | TZ USA 17.2                    | Local Co-ordinate Reference: | Well B04_Alpha State Com 703H |
| Company:  | Franklin Mountain Energy LLC   | TVD Reference:               | 3888+30 @ 3918.00usft         |
| Project:  | PV_Lea County, NM(N83-NME3001) | MD Reference:                | 3888+30 @ 3918.00usft         |
| Site:     | Alpha East                     | North Reference:             | Grid                          |
| Well:     | B04_Alpha State Com 703H       | Survey Calculation Method:   | Minimum Curvature             |
| Wellbore: | 703H                           |                              |                               |
| Design:   | APD-Rev02                      |                              |                               |

| 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    |                     |
| 2,100.00              | 0.00            | 0.00        | 2,100.00              | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                     |
| 2,433.33              | 5.00            | 180.00      | 2,432.91              | -14.54       | 0.00         | 1.50                    | 1.50                   | 0.00                  | 180.00  |                     |
| 3,121.25              | 11.23           | 246.76      | 3,114.78              | -71.09       | -61.70       | 1.50                    | 0.91                   | 9.71                  | 92.87   |                     |
| 6,964.51              | 11.23           | 246.76      | 6,884.49              | -366.30      | -749.25      | 0.00                    | 0.00                   | 0.00                  | 0.00    |                     |
| 8,087.18              | 0.00            | 0.00        | 8,000.00              | -409.56      | -850.00      | 1.00                    | -1.00                  | 0.00                  | 180.00  |                     |
| 10,308.22             | 0.00            | 0.00        | 10,221.04             | -409.56      | -850.00      | 0.00                    | 0.00                   | 0.00                  | 0.00    |                     |
| 11,208.22             | 90.00           | 350.20      | 10,794.00             | 155.04       | -947.52      | 10.00                   | 10.00                  | 0.00                  | 350.20  |                     |
| 11,676.11             | 90.00           | 359.56      | 10,794.00             | 620.53       | -989.24      | 2.00                    | 0.00                   | 2.00                  | 90.00   |                     |
| 21,009.35             | 90.00           | 359.56      | 10,794.00             | 9,953.50     | -1,061.30    | 0.00                    | 0.00                   | 0.00                  | 0.00    | 02-PBHL(Alpha-703H) |

## Planning Report



|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | TZ USA 17.2                    | <b>Local Co-ordinate Reference:</b> | Well B04_Alpha State Com 703H |
| <b>Company:</b>  | Franklin Mountain Energy LLC   | <b>TVD Reference:</b>               | 3888+30 @ 3918.00usft         |
| <b>Project:</b>  | PV_Lea County, NM(N83-NME3001) | <b>MD Reference:</b>                | 3888+30 @ 3918.00usft         |
| <b>Site:</b>     | Alpha East                     | <b>North Reference:</b>             | Grid                          |
| <b>Well:</b>     | B04_Alpha State Com 703H       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | 703H                           |                                     |                               |
| <b>Design:</b>   | APD-Rev02                      |                                     |                               |

| 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                  |
| 1,887.00                    | 0.00            | 0.00        | 1,887.00              | 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                  |
| 2,078.00                    | 0.00            | 0.00        | 2,078.00              | 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                    | 1.50            | 180.00      | 2,199.99              | -1.31        | 0.00         | -1.31                   | 1.50                    | 1.50                   | 0.00                  |
| 2,300.00                    | 3.00            | 180.00      | 2,299.91              | -5.23        | 0.00         | -5.23                   | 1.50                    | 1.50                   | 0.00                  |
| 2,400.00                    | 4.50            | 180.00      | 2,399.69              | -11.77       | 0.00         | -11.77                  | 1.50                    | 1.50                   | 0.00                  |
| 2,433.33                    | 5.00            | 180.00      | 2,432.91              | -14.54       | 0.00         | -14.53                  | 1.50                    | 1.50                   | 0.00                  |
| 2,500.00                    | 5.05            | 191.42      | 2,499.32              | -20.32       | -0.58        | -20.31                  | 1.50                    | 0.07                   | 17.13                 |
| 2,600.00                    | 5.48            | 207.16      | 2,598.91              | -28.88       | -3.63        | -28.85                  | 1.50                    | 0.43                   | 15.74                 |
| 2,700.00                    | 6.24            | 219.85      | 2,698.39              | -37.29       | -9.29        | -37.22                  | 1.50                    | 0.77                   | 12.69                 |
| 2,800.00                    | 7.24            | 229.42      | 2,797.70              | -45.57       | -17.56       | -45.43                  | 1.50                    | 1.00                   | 9.57                  |
| 2,900.00                    | 8.39            | 236.54      | 2,896.77              | -53.69       | -28.44       | -53.47                  | 1.50                    | 1.15                   | 7.12                  |
| 3,000.00                    | 9.63            | 241.90      | 2,995.54              | -61.65       | -41.90       | -61.33                  | 1.50                    | 1.25                   | 5.36                  |
| 3,100.00                    | 10.94           | 246.01      | 3,093.93              | -69.45       | -57.96       | -69.00                  | 1.50                    | 1.31                   | 4.11                  |
| 3,121.25                    | 11.23           | 246.76      | 3,114.78              | -71.09       | -61.70       | -70.61                  | 1.50                    | 1.34                   | 3.53                  |
| 3,173.47                    | 11.23           | 246.76      | 3,166.00              | -75.10       | -71.04       | -74.55                  | 0.00                    | 0.00                   | 0.00                  |
| Base Salt                   |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,200.00                    | 11.23           | 246.76      | 3,192.02              | -77.14       | -75.79       | -76.55                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                    | 11.23           | 246.76      | 3,290.11              | -84.82       | -93.68       | -84.10                  | 0.00                    | 0.00                   | 0.00                  |
| 3,397.76                    | 11.23           | 246.76      | 3,386.00              | -92.33       | -111.17      | -91.47                  | 0.00                    | 0.00                   | 0.00                  |
| Yates                       |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,400.00                    | 11.23           | 246.76      | 3,388.20              | -92.50       | -111.57      | -91.64                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                    | 11.23           | 246.76      | 3,486.28              | -100.18      | -129.46      | -99.18                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00                    | 11.23           | 246.76      | 3,584.37              | -107.86      | -147.35      | -106.73                 | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00                    | 11.23           | 246.76      | 3,682.46              | -115.54      | -165.24      | -114.27                 | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00                    | 11.23           | 246.76      | 3,780.54              | -123.22      | -183.13      | -121.81                 | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00                    | 11.23           | 246.76      | 3,878.63              | -130.91      | -201.02      | -129.36                 | 0.00                    | 0.00                   | 0.00                  |
| 3,908.54                    | 11.23           | 246.76      | 3,887.00              | -131.56      | -202.55      | -130.00                 | 0.00                    | 0.00                   | 0.00                  |





## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | TZ USA 17.2                    | <b>Local Co-ordinate Reference:</b> | Well B04_Alpha State Com 703H |
| <b>Company:</b>  | Franklin Mountain Energy LLC   | <b>TVD Reference:</b>               | 3888+30 @ 3918.00usft         |
| <b>Project:</b>  | PV_Lea County, NM(N83-NME3001) | <b>MD Reference:</b>                | 3888+30 @ 3918.00usft         |
| <b>Site:</b>     | Alpha East                     | <b>North Reference:</b>             | Grid                          |
| <b>Well:</b>     | B04_Alpha State Com 703H       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | 703H                           |                                     |                               |
| <b>Design:</b>   | APD-Rev02                      |                                     |                               |

| 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) |
| <b>Seven Rivers</b>       |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,000.00                  | 11.23           | 246.76      | 3,976.71              | -138.59      | -218.91      | -136.90                 | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00                  | 11.23           | 246.76      | 4,074.80              | -146.27      | -236.80      | -144.45                 | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00                  | 11.23           | 246.76      | 4,172.89              | -153.95      | -254.69      | -151.99                 | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00                  | 11.23           | 246.76      | 4,270.97              | -161.63      | -272.58      | -159.53                 | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                  | 11.23           | 246.76      | 4,369.06              | -169.31      | -290.47      | -167.08                 | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                  | 11.23           | 246.76      | 4,467.15              | -176.99      | -308.36      | -174.62                 | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                  | 11.23           | 246.76      | 4,565.23              | -184.68      | -326.25      | -182.16                 | 0.00                    | 0.00                   | 0.00                  |
| 4,700.00                  | 11.23           | 246.76      | 4,663.32              | -192.36      | -344.14      | -189.71                 | 0.00                    | 0.00                   | 0.00                  |
| 4,702.73                  | 11.23           | 246.76      | 4,666.00              | -192.57      | -344.63      | -189.91                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Queen</b>              |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,800.00                  | 11.23           | 246.76      | 4,761.41              | -200.04      | -362.03      | -197.25                 | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00                  | 11.23           | 246.76      | 4,859.49              | -207.72      | -379.92      | -204.80                 | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00                  | 11.23           | 246.76      | 4,957.58              | -215.40      | -397.81      | -212.34                 | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00                  | 11.23           | 246.76      | 5,055.67              | -223.08      | -415.70      | -219.88                 | 0.00                    | 0.00                   | 0.00                  |
| 5,200.00                  | 11.23           | 246.76      | 5,153.75              | -230.76      | -433.59      | -227.43                 | 0.00                    | 0.00                   | 0.00                  |
| 5,300.00                  | 11.23           | 246.76      | 5,251.84              | -238.45      | -451.48      | -234.97                 | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00                  | 11.23           | 246.76      | 5,349.93              | -246.13      | -469.37      | -242.52                 | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00                  | 11.23           | 246.76      | 5,448.01              | -253.81      | -487.26      | -250.06                 | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00                  | 11.23           | 246.76      | 5,546.10              | -261.49      | -505.15      | -257.60                 | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00                  | 11.23           | 246.76      | 5,644.18              | -269.17      | -523.04      | -265.15                 | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00                  | 11.23           | 246.76      | 5,742.27              | -276.85      | -540.93      | -272.69                 | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00                  | 11.23           | 246.76      | 5,840.36              | -284.53      | -558.82      | -280.23                 | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00                  | 11.23           | 246.76      | 5,938.44              | -292.22      | -576.71      | -287.78                 | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00                  | 11.23           | 246.76      | 6,036.53              | -299.90      | -594.60      | -295.32                 | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00                  | 11.23           | 246.76      | 6,134.62              | -307.58      | -612.49      | -302.87                 | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00                  | 11.23           | 246.76      | 6,232.70              | -315.26      | -630.38      | -310.41                 | 0.00                    | 0.00                   | 0.00                  |
| 6,355.36                  | 11.23           | 246.76      | 6,287.00              | -319.51      | -640.28      | -314.59                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Delaware Mtn Group</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,400.00                  | 11.23           | 246.76      | 6,330.79              | -322.94      | -648.27      | -317.95                 | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00                  | 11.23           | 246.76      | 6,428.88              | -330.62      | -666.16      | -325.50                 | 0.00                    | 0.00                   | 0.00                  |
| 6,600.00                  | 11.23           | 246.76      | 6,526.96              | -338.30      | -684.04      | -333.04                 | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00                  | 11.23           | 246.76      | 6,625.05              | -345.99      | -701.93      | -340.58                 | 0.00                    | 0.00                   | 0.00                  |
| 6,800.00                  | 11.23           | 246.76      | 6,723.14              | -353.67      | -719.82      | -348.13                 | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00                  | 11.23           | 246.76      | 6,821.22              | -361.35      | -737.71      | -355.67                 | 0.00                    | 0.00                   | 0.00                  |
| 6,964.51                  | 11.23           | 246.76      | 6,884.49              | -366.30      | -749.25      | -360.54                 | 0.00                    | 0.00                   | 0.00                  |
| 7,000.00                  | 10.87           | 246.76      | 6,919.33              | -368.99      | -755.51      | -363.17                 | 1.00                    | -1.00                  | 0.00                  |
| 7,100.00                  | 9.87            | 246.76      | 7,017.69              | -376.09      | -772.05      | -370.15                 | 1.00                    | -1.00                  | 0.00                  |
| 7,200.00                  | 8.87            | 246.76      | 7,116.36              | -382.51      | -787.01      | -376.46                 | 1.00                    | -1.00                  | 0.00                  |
| 7,300.00                  | 7.87            | 246.76      | 7,215.29              | -388.26      | -800.39      | -382.10                 | 1.00                    | -1.00                  | 0.00                  |
| 7,400.00                  | 6.87            | 246.76      | 7,314.46              | -393.32      | -812.18      | -387.07                 | 1.00                    | -1.00                  | 0.00                  |
| 7,500.00                  | 5.87            | 246.76      | 7,413.84              | -397.70      | -822.38      | -391.37                 | 1.00                    | -1.00                  | 0.00                  |
| 7,600.00                  | 4.87            | 246.76      | 7,513.40              | -401.39      | -830.98      | -395.00                 | 1.00                    | -1.00                  | 0.00                  |
| 7,700.00                  | 3.87            | 246.76      | 7,613.11              | -404.40      | -837.98      | -397.95                 | 1.00                    | -1.00                  | 0.00                  |
| 7,800.00                  | 2.87            | 246.76      | 7,712.94              | -406.72      | -843.39      | -400.23                 | 1.00                    | -1.00                  | 0.00                  |
| 7,900.00                  | 1.87            | 246.76      | 7,812.85              | -408.35      | -847.19      | -401.84                 | 1.00                    | -1.00                  | 0.00                  |
| 7,922.16                  | 1.65            | 246.76      | 7,835.00              | -408.62      | -847.82      | -402.10                 | 1.00                    | -1.00                  | 0.00                  |
| <b>Bone Spring Lime</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,000.00                  | 0.87            | 246.76      | 7,912.82              | -409.30      | -849.39      | -402.76                 | 1.00                    | -1.00                  | 0.00                  |
| 8,087.18                  | 0.00            | 0.00        | 8,000.00              | -409.56      | -850.00      | -403.02                 | 1.00                    | -1.00                  | 0.00                  |
| 8,100.00                  | 0.00            | 0.00        | 8,012.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00                  | 0.00            | 0.00        | 8,112.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00                  | 0.00            | 0.00        | 8,212.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |

## Planning Report



|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | TZ USA 17.2                    | <b>Local Co-ordinate Reference:</b> | Well B04_Alpha State Com 703H |
| <b>Company:</b>  | Franklin Mountain Energy LLC   | <b>TVD Reference:</b>               | 3888+30 @ 3918.00usft         |
| <b>Project:</b>  | PV_Lea County, NM(N83-NME3001) | <b>MD Reference:</b>                | 3888+30 @ 3918.00usft         |
| <b>Site:</b>     | Alpha East                     | <b>North Reference:</b>             | Grid                          |
| <b>Well:</b>     | B04_Alpha State Com 703H       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | 703H                           |                                     |                               |
| <b>Design:</b>   | APD-Rev02                      |                                     |                               |

| 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) |
| 8,400.00   | 0.00            | 0.00        | 8,312.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 8,500.00   | 0.00            | 0.00        | 8,412.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 8,600.00   | 0.00            | 0.00        | 8,512.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 8,700.00   | 0.00            | 0.00        | 8,612.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 8,800.00   | 0.00            | 0.00        | 8,712.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 8,900.00   | 0.00            | 0.00        | 8,812.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,000.00   | 0.00            | 0.00        | 8,912.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,100.00   | 0.00            | 0.00        | 9,012.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,200.00   | 0.00            | 0.00        | 9,112.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,300.00   | 0.00            | 0.00        | 9,212.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,367.18   | 0.00            | 0.00        | 9,280.00              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| <b>First Bone Spring Sand</b>                          |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,400.00   | 0.00            | 0.00        | 9,312.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,500.00   | 0.00            | 0.00        | 9,412.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,600.00   | 0.00            | 0.00        | 9,512.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,644.18   | 0.00            | 0.00        | 9,557.00              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Second Bone Spring Carbonate</b>                    |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,700.00   | 0.00            | 0.00        | 9,612.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.00   | 0.00            | 0.00        | 9,712.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 9,895.18   | 0.00            | 0.00        | 9,808.00              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Second Bone Spring Sand</b>                         |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,900.00   | 0.00            | 0.00        | 9,812.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.00  | 0.00            | 0.00        | 9,912.82              | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 10,100.00  | 0.00            | 0.00        | 10,012.82             | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.00  | 0.00            | 0.00        | 10,112.82             | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| 10,308.22  | 0.00            | 0.00        | 10,221.04             | -409.56      | -850.00      | -403.02                 | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP: 10308.22' MD/ -403.02' VS/10221.04' TVD</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,312.18  | 0.40            | 350.20      | 10,225.00             | -409.55      | -850.00      | -403.01                 | 9.99                    | 9.99                   | 0.00                  |
| <b>Third Bone Spring Carbonate</b>                     |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,350.00  | 4.18            | 350.20      | 10,262.78             | -408.06      | -850.26      | -401.52                 | 10.00                   | 10.00                  | 0.00                  |
| 10,392.49  | 8.43            | 350.20      | 10,305.00             | -403.47      | -851.05      | -396.92                 | 10.00                   | 10.00                  | 0.00                  |
| <b>Third Bone Spring Sand</b>                          |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,400.00  | 9.18            | 350.20      | 10,312.43             | -402.33      | -851.25      | -395.78                 | 10.00                   | 10.00                  | 0.00                  |
| 10,450.00  | 14.18           | 350.20      | 10,361.37             | -392.36      | -852.97      | -385.80                 | 10.00                   | 10.00                  | 0.00                  |
| 10,500.00  | 19.18           | 350.20      | 10,409.26             | -378.23      | -855.41      | -371.65                 | 10.00                   | 10.00                  | 0.00                  |
| 10,550.00  | 24.18           | 350.20      | 10,455.71             | -360.03      | -858.55      | -353.43                 | 10.00                   | 10.00                  | 0.00                  |
| 10,552.52  | 24.43           | 350.20      | 10,458.00             | -359.01      | -858.73      | -352.41                 | 10.00                   | 10.00                  | 0.00                  |
| <b>Wolfcamp</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,553.77  | 24.55           | 350.20      | 10,459.14             | -358.50      | -858.82      | -351.89                 | 10.00                   | 10.00                  | 0.00                  |
| <b>100FLL: 10553.77' MD/ -351.89' VS/10459.14' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,600.00  | 29.18           | 350.20      | 10,500.37             | -337.92      | -862.37      | -331.29                 | 10.00                   | 10.00                  | 0.00                  |
| 10,650.00  | 34.18           | 350.20      | 10,542.91             | -312.05      | -866.84      | -305.39                 | 10.00                   | 10.00                  | 0.00                  |
| 10,700.00  | 39.18           | 350.20      | 10,582.99             | -282.63      | -871.92      | -275.93                 | 10.00                   | 10.00                  | 0.00                  |
| 10,750.00  | 44.18           | 350.20      | 10,620.33             | -249.88      | -877.58      | -243.14                 | 10.00                   | 10.00                  | 0.00                  |
| 10,800.00  | 49.18           | 350.20      | 10,654.62             | -214.05      | -883.77      | -207.26                 | 10.00                   | 10.00                  | 0.00                  |
| <b>01-T98(Alpha-703H)</b>                              |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,850.00  | 54.18           | 350.20      | 10,685.61             | -175.41      | -890.45      | -168.56                 | 10.00                   | 10.00                  | 0.00                  |
| 10,900.00  | 59.18           | 350.20      | 10,713.07             | -134.25      | -897.55      | -127.35                 | 10.00                   | 10.00                  | 0.00                  |
| 10,950.00  | 64.18           | 350.20      | 10,736.79             | -90.89       | -905.04      | -83.94                  | 10.00                   | 10.00                  | 0.00                  |
| 11,000.00  | 69.18           | 350.20      | 10,756.58             | -45.66       | -912.86      | -38.65                  | 10.00                   | 10.00                  | 0.00                  |
| 11,050.00  | 74.18           | 350.20      | 10,772.29             | 1.10         | -920.93      | 8.17                    | 10.00                   | 10.00                  | 0.00                  |
| 11,100.00  | 79.18           | 350.20      | 10,783.81             | 49.03        | -929.21      | 56.16                   | 10.00                   | 10.00                  | 0.00                  |
| 11,150.00  | 84.18           | 350.20      | 10,791.04             | 97.76        | -937.63      | 104.96                  | 10.00                   | 10.00                  | 0.00                  |



## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | TZ USA 17.2                    | <b>Local Co-ordinate Reference:</b> | Well B04_Alpha State Com 703H |
| <b>Company:</b>  | Franklin Mountain Energy LLC   | <b>TVD Reference:</b>               | 3888+30 @ 3918.00usft         |
| <b>Project:</b>  | PV_Lea County, NM(N83-NME3001) | <b>MD Reference:</b>                | 3888+30 @ 3918.00usft         |
| <b>Site:</b>     | Alpha East                     | <b>North Reference:</b>             | Grid                          |
| <b>Well:</b>     | B04_Alpha State Com 703H       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | 703H                           |                                     |                               |
| <b>Design:</b>   | APD-Rev02                      |                                     |                               |

| 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) |
| 11,200.00  | 89.18           | 350.20      | 10,793.94             | 146.93       | -946.12      | 154.20                  | 10.00                   | 10.00                  | 0.00                  |
| 11,208.22  | 90.00           | 350.20      | 10,794.00             | 155.04       | -947.52      | 162.31                  | 10.00                   | 10.00                  | 0.00                  |
| <b>EOC: 11208.22' MD/ 162.31' VS/10794.00' TVD - HZ Target</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,300.00  | 90.00           | 352.04      | 10,794.00             | 245.71       | -961.69      | 253.09                  | 2.00                    | 0.00                   | 2.00                  |
| 11,400.00  | 90.00           | 354.04      | 10,794.00             | 344.97       | -973.82      | 352.43                  | 2.00                    | 0.00                   | 2.00                  |
| 11,500.00  | 90.00           | 356.04      | 10,794.00             | 444.59       | -982.47      | 452.12                  | 2.00                    | 0.00                   | 2.00                  |
| 11,600.00  | 90.00           | 358.04      | 10,794.00             | 544.45       | -987.64      | 552.02                  | 2.00                    | 0.00                   | 2.00                  |
| 11,676.11  | 90.00           | 359.56      | 10,794.00             | 620.53       | -989.24      | 628.11                  | 2.00                    | 0.00                   | 2.00                  |
| 11,700.00  | 90.00           | 359.56      | 10,794.00             | 644.43       | -989.43      | 652.01                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.00  | 90.00           | 359.56      | 10,794.00             | 744.42       | -990.20      | 752.01                  | 0.00                    | 0.00                   | 0.00                  |
| 11,900.00  | 90.00           | 359.56      | 10,794.00             | 844.42       | -990.97      | 852.01                  | 0.00                    | 0.00                   | 0.00                  |
| 12,000.00  | 90.00           | 359.56      | 10,794.00             | 944.42       | -991.74      | 952.01                  | 0.00                    | 0.00                   | 0.00                  |
| 12,100.00  | 90.00           | 359.56      | 10,794.00             | 1,044.42     | -992.51      | 1,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,200.00  | 90.00           | 359.56      | 10,794.00             | 1,144.41     | -993.29      | 1,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,300.00  | 90.00           | 359.56      | 10,794.00             | 1,244.41     | -994.06      | 1,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,400.00  | 90.00           | 359.56      | 10,794.00             | 1,344.41     | -994.83      | 1,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,500.00  | 90.00           | 359.56      | 10,794.00             | 1,444.40     | -995.60      | 1,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,600.00  | 90.00           | 359.56      | 10,794.00             | 1,544.40     | -996.37      | 1,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,700.00  | 90.00           | 359.56      | 10,794.00             | 1,644.40     | -997.15      | 1,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,800.00  | 90.00           | 359.56      | 10,794.00             | 1,744.39     | -997.92      | 1,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 12,900.00  | 90.00           | 359.56      | 10,794.00             | 1,844.39     | -998.69      | 1,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,000.00  | 90.00           | 359.56      | 10,794.00             | 1,944.39     | -999.46      | 1,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,100.00  | 90.00           | 359.56      | 10,794.00             | 2,044.39     | -1,000.23    | 2,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,200.00  | 90.00           | 359.56      | 10,794.00             | 2,144.38     | -1,001.01    | 2,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,300.00  | 90.00           | 359.56      | 10,794.00             | 2,244.38     | -1,001.78    | 2,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,400.00  | 90.00           | 359.56      | 10,794.00             | 2,344.38     | -1,002.55    | 2,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,500.00  | 90.00           | 359.56      | 10,794.00             | 2,444.37     | -1,003.32    | 2,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,600.00  | 90.00           | 359.56      | 10,794.00             | 2,544.37     | -1,004.09    | 2,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,700.00  | 90.00           | 359.56      | 10,794.00             | 2,644.37     | -1,004.87    | 2,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,800.00  | 90.00           | 359.56      | 10,794.00             | 2,744.37     | -1,005.64    | 2,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 13,900.00  | 90.00           | 359.56      | 10,794.00             | 2,844.36     | -1,006.41    | 2,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,000.00  | 90.00           | 359.56      | 10,794.00             | 2,944.36     | -1,007.18    | 2,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,100.00  | 90.00           | 359.56      | 10,794.00             | 3,044.36     | -1,007.95    | 3,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,200.00  | 90.00           | 359.56      | 10,794.00             | 3,144.35     | -1,008.73    | 3,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,300.00  | 90.00           | 359.56      | 10,794.00             | 3,244.35     | -1,009.50    | 3,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,400.00  | 90.00           | 359.56      | 10,794.00             | 3,344.35     | -1,010.27    | 3,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,500.00  | 90.00           | 359.56      | 10,794.00             | 3,444.34     | -1,011.04    | 3,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,600.00  | 90.00           | 359.56      | 10,794.00             | 3,544.34     | -1,011.82    | 3,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,700.00  | 90.00           | 359.56      | 10,794.00             | 3,644.34     | -1,012.59    | 3,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,800.00  | 90.00           | 359.56      | 10,794.00             | 3,744.34     | -1,013.36    | 3,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 14,900.00  | 90.00           | 359.56      | 10,794.00             | 3,844.33     | -1,014.13    | 3,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,000.00  | 90.00           | 359.56      | 10,794.00             | 3,944.33     | -1,014.90    | 3,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,100.00  | 90.00           | 359.56      | 10,794.00             | 4,044.33     | -1,015.68    | 4,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,200.00  | 90.00           | 359.56      | 10,794.00             | 4,144.32     | -1,016.45    | 4,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,300.00  | 90.00           | 359.56      | 10,794.00             | 4,244.32     | -1,017.22    | 4,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,400.00  | 90.00           | 359.56      | 10,794.00             | 4,344.32     | -1,017.99    | 4,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,500.00  | 90.00           | 359.56      | 10,794.00             | 4,444.31     | -1,018.76    | 4,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,600.00  | 90.00           | 359.56      | 10,794.00             | 4,544.31     | -1,019.54    | 4,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,700.00  | 90.00           | 359.56      | 10,794.00             | 4,644.31     | -1,020.31    | 4,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,800.00  | 90.00           | 359.56      | 10,794.00             | 4,744.31     | -1,021.08    | 4,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,900.00  | 90.00           | 359.56      | 10,794.00             | 4,844.30     | -1,021.85    | 4,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,000.00  | 90.00           | 359.56      | 10,794.00             | 4,944.30     | -1,022.62    | 4,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,100.00  | 90.00           | 359.56      | 10,794.00             | 5,044.30     | -1,023.40    | 5,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,200.00  | 90.00           | 359.56      | 10,794.00             | 5,144.29     | -1,024.17    | 5,152.01                | 0.00                    | 0.00                   | 0.00                  |



## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | TZ USA 17.2                    | <b>Local Co-ordinate Reference:</b> | Well B04_Alpha State Com 703H |
| <b>Company:</b>  | Franklin Mountain Energy LLC   | <b>TVD Reference:</b>               | 3888+30 @ 3918.00usft         |
| <b>Project:</b>  | PV_Lea County, NM(N83-NME3001) | <b>MD Reference:</b>                | 3888+30 @ 3918.00usft         |
| <b>Site:</b>     | Alpha East                     | <b>North Reference:</b>             | Grid                          |
| <b>Well:</b>     | B04_Alpha State Com 703H       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | 703H                           |                                     |                               |
| <b>Design:</b>   | APD-Rev02                      |                                     |                               |

| Planned Survey  |                 |             |                       |              |              |                         |                         |                        |                       |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)   | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 16,300.00   | 90.00           | 359.56      | 10,794.00             | 5,244.29     | -1,024.94    | 5,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,400.00   | 90.00           | 359.56      | 10,794.00             | 5,344.29     | -1,025.71    | 5,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,500.00   | 90.00           | 359.56      | 10,794.00             | 5,444.28     | -1,026.48    | 5,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,600.00   | 90.00           | 359.56      | 10,794.00             | 5,544.28     | -1,027.26    | 5,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,700.00   | 90.00           | 359.56      | 10,794.00             | 5,644.28     | -1,028.03    | 5,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,800.00   | 90.00           | 359.56      | 10,794.00             | 5,744.28     | -1,028.80    | 5,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 16,900.00   | 90.00           | 359.56      | 10,794.00             | 5,844.27     | -1,029.57    | 5,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,000.00   | 90.00           | 359.56      | 10,794.00             | 5,944.27     | -1,030.35    | 5,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,100.00   | 90.00           | 359.56      | 10,794.00             | 6,044.27     | -1,031.12    | 6,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,200.00   | 90.00           | 359.56      | 10,794.00             | 6,144.26     | -1,031.89    | 6,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,300.00   | 90.00           | 359.56      | 10,794.00             | 6,244.26     | -1,032.66    | 6,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,400.00   | 90.00           | 359.56      | 10,794.00             | 6,344.26     | -1,033.43    | 6,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,500.00   | 90.00           | 359.56      | 10,794.00             | 6,444.25     | -1,034.21    | 6,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,600.00   | 90.00           | 359.56      | 10,794.00             | 6,544.25     | -1,034.98    | 6,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,700.00   | 90.00           | 359.56      | 10,794.00             | 6,644.25     | -1,035.75    | 6,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,800.00   | 90.00           | 359.56      | 10,794.00             | 6,744.25     | -1,036.52    | 6,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 17,900.00   | 90.00           | 359.56      | 10,794.00             | 6,844.24     | -1,037.29    | 6,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,000.00   | 90.00           | 359.56      | 10,794.00             | 6,944.24     | -1,038.07    | 6,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,100.00   | 90.00           | 359.56      | 10,794.00             | 7,044.24     | -1,038.84    | 7,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,200.00   | 90.00           | 359.56      | 10,794.00             | 7,144.23     | -1,039.61    | 7,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,300.00   | 90.00           | 359.56      | 10,794.00             | 7,244.23     | -1,040.38    | 7,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,400.00   | 90.00           | 359.56      | 10,794.00             | 7,344.23     | -1,041.15    | 7,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,500.00   | 90.00           | 359.56      | 10,794.00             | 7,444.23     | -1,041.93    | 7,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,600.00   | 90.00           | 359.56      | 10,794.00             | 7,544.22     | -1,042.70    | 7,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,700.00   | 90.00           | 359.56      | 10,794.00             | 7,644.22     | -1,043.47    | 7,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,800.00   | 90.00           | 359.56      | 10,794.00             | 7,744.22     | -1,044.24    | 7,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 18,900.00   | 90.00           | 359.56      | 10,794.00             | 7,844.21     | -1,045.01    | 7,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,000.00   | 90.00           | 359.56      | 10,794.00             | 7,944.21     | -1,045.79    | 7,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,100.00   | 90.00           | 359.56      | 10,794.00             | 8,044.21     | -1,046.56    | 8,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,200.00   | 90.00           | 359.56      | 10,794.00             | 8,144.20     | -1,047.33    | 8,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,300.00   | 90.00           | 359.56      | 10,794.00             | 8,244.20     | -1,048.10    | 8,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,400.00   | 90.00           | 359.56      | 10,794.00             | 8,344.20     | -1,048.87    | 8,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,500.00   | 90.00           | 359.56      | 10,794.00             | 8,444.20     | -1,049.65    | 8,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,600.00   | 90.00           | 359.56      | 10,794.00             | 8,544.19     | -1,050.42    | 8,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,700.00   | 90.00           | 359.56      | 10,794.00             | 8,644.19     | -1,051.19    | 8,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,800.00   | 90.00           | 359.56      | 10,794.00             | 8,744.19     | -1,051.96    | 8,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 19,900.00   | 90.00           | 359.56      | 10,794.00             | 8,844.18     | -1,052.74    | 8,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,000.00   | 90.00           | 359.56      | 10,794.00             | 8,944.18     | -1,053.51    | 8,952.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,100.00   | 90.00           | 359.56      | 10,794.00             | 9,044.18     | -1,054.28    | 9,052.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,200.00   | 90.00           | 359.56      | 10,794.00             | 9,144.17     | -1,055.05    | 9,152.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,300.00   | 90.00           | 359.56      | 10,794.00             | 9,244.17     | -1,055.82    | 9,252.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,400.00   | 90.00           | 359.56      | 10,794.00             | 9,344.17     | -1,056.60    | 9,352.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,500.00   | 90.00           | 359.56      | 10,794.00             | 9,444.17     | -1,057.37    | 9,452.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,600.00   | 90.00           | 359.56      | 10,794.00             | 9,544.16     | -1,058.14    | 9,552.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,700.00   | 90.00           | 359.56      | 10,794.00             | 9,644.16     | -1,058.91    | 9,652.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,800.00   | 90.00           | 359.56      | 10,794.00             | 9,744.16     | -1,059.68    | 9,752.01                | 0.00                    | 0.00                   | 0.00                  |
| 20,900.00   | 90.00           | 359.56      | 10,794.00             | 9,844.15     | -1,060.46    | 9,852.01                | 0.00                    | 0.00                   | 0.00                  |
| 21,009.35   | 90.00           | 359.56      | 10,794.00             | 9,953.50     | -1,061.30    | 9,961.36                | 0.00                    | 0.00                   | 0.00                  |
| TD: 21009.35' MD/ 9961.36' VS/10794.00' TVD - 02-PBHL(Alpha-703H) |                 |             |                       |              |              |                         |                         |                        |                       |

## Planning Report



|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | TZ USA 17.2                    | <b>Local Co-ordinate Reference:</b> | Well B04_Alpha State Com 703H |
| <b>Company:</b>  | Franklin Mountain Energy LLC   | <b>TVD Reference:</b>               | 3888+30 @ 3918.00usft         |
| <b>Project:</b>  | PV_Lea County, NM(N83-NME3001) | <b>MD Reference:</b>                | 3888+30 @ 3918.00usft         |
| <b>Site:</b>     | Alpha East                     | <b>North Reference:</b>             | Grid                          |
| <b>Well:</b>     | B04_Alpha State Com 703H       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | 703H                           |                                     |                               |
| <b>Design:</b>   | APD-Rev02                      |                                     |                               |

| Design Targets  |           |          |           |          |           |            |            |             |               |
|---|-----------|----------|-----------|----------|-----------|------------|------------|-------------|---------------|
| Target Name   |           |          |           |          |           |            |            |             |               |
| - hit/miss target   | Dip Angle | Dip Dir. | TVD       | +N/-S    | +E/-W     | Northing   | Easting    | Latitude    | Longitude     |
| - Shape   | (°)       | (°)      | (usft)    | (usft)   | (usft)    | (usft)     | (usft)     |             |               |
| 01-T98(Alpha-703H)  | 0.00      | 0.00     | 10,794.00 | -359.32  | -982.76   | 613,187.92 | 809,651.95 | 32.68266652 | -103.46126034 |
| - plan misses target center by 224.34usft at 10800.00usft MD (10654.62 TVD, -214.05 N, -883.77 E) |           |          |           |          |           |            |            |             |               |
| - Point   |           |          |           |          |           |            |            |             |               |
| 02-PBHL(Alpha-703H)   | 0.00      | 0.00     | 10,794.00 | 9,953.50 | -1,061.30 | 623,500.74 | 809,573.41 | 32.71101186 | -103.46124000 |
| - plan hits target center   |           |          |           |          |           |            |            |             |               |
| - Point   |           |          |           |          |           |            |            |             |               |

| Formations            |                       |                              |           |         |                   |
|-----------------------|-----------------------|------------------------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name                         | Lithology | Dip (°) | Dip Direction (°) |
| 30.00                 | 30.00                 | Cenozoic Alluvium (surface)  |           |         |                   |
| 1,887.00              | 1,887.00              | Rustler                      |           |         |                   |
| 2,078.00              | 2,078.00              | Salado                       |           |         |                   |
| 3,173.47              | 3,166.00              | Base Salt                    |           |         |                   |
| 3,397.76              | 3,386.00              | Yates                        |           |         |                   |
| 3,908.54              | 3,887.00              | Seven Rivers                 |           |         |                   |
| 4,702.73              | 4,666.00              | Queen                        |           |         |                   |
| 6,355.36              | 6,287.00              | Delaware Mtn Group           |           |         |                   |
| 7,922.16              | 7,835.00              | Bone Spring Lime             |           |         |                   |
| 9,367.18              | 9,280.00              | First Bone Spring Sand       |           |         |                   |
| 9,644.18              | 9,557.00              | Second Bone Spring Carbonate |           |         |                   |
| 9,895.18              | 9,808.00              | Second Bone Spring Sand      |           |         |                   |
| 10,312.18             | 10,225.00             | Third Bone Spring Carbonate  |           |         |                   |
| 10,392.49             | 10,305.00             | Third Bone Spring Sand       |           |         |                   |
| 10,552.52             | 10,458.00             | Wolfcamp                     |           |         |                   |
| 11,208.22             | 10,794.00             | HZ Target                    |           |         |                   |

| Plan Annotations      |                       |                   |              |   |
|-----------------------|-----------------------|-------------------|--------------|---|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment   |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |   |
| 10,308.22             | 10,221.04             | -409.56           | -850.00      | KOP: 10308.22' MD/ -403.02' VS/10221.04' TVD    |
| 10,553.77             | 10,459.14             | -358.50           | -858.82      | 100FLL: 10553.77' MD/ -351.89' VS/10459.14' TVD |
| 11,208.22             | 10,794.00             | 155.03            | -947.52      | EOC: 11208.22' MD/ 162.31' VS/10794.00' TVD     |
| 21,009.35             | 10,794.00             | 9,953.50          | -1,061.30    | TD: 21009.35' MD/ 9961.36' VS/10794.00' TVD     |



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 355760

CONDITIONS

|  |  |
|--|--|
| Operator:<br><br>Franklin Mountain Energy 3, LLC<br>44 Cook Street<br>Denver, CO 80206 | OGRID:<br><br>331595                                 |
|  | Action Number:<br><br>355760                         |
|  | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

|            |                           |                |
|------------|---------------------------|----------------|
| Created By | Condition                 | Condition Date |
| pkautz     | ALL PREVIOUS COA'S APPLY. | 6/21/2024      |