

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

HOBBES OCD

JUL 18 2014

RECEIVED

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 <b>42001</b> | <sup>2</sup> Pool Code<br><b>59477</b>                | <sup>3</sup> Pool Name<br><b>TONTO; BONE SPRING, WEST</b>          |
| <sup>4</sup> Property Code<br><b>313497</b>    | <sup>5</sup> Property Name<br>QUEREOCHO 1 FEDERAL COM |  |
| <sup>7</sup> OGRID No.<br>215099               | <sup>8</sup> Operator Name<br>CIMAREX ENERGY CO.      | <sup>6</sup> Well Number<br>#1H<br><sup>9</sup> Elevation<br>3669' |

<sup>10</sup> Surface Location

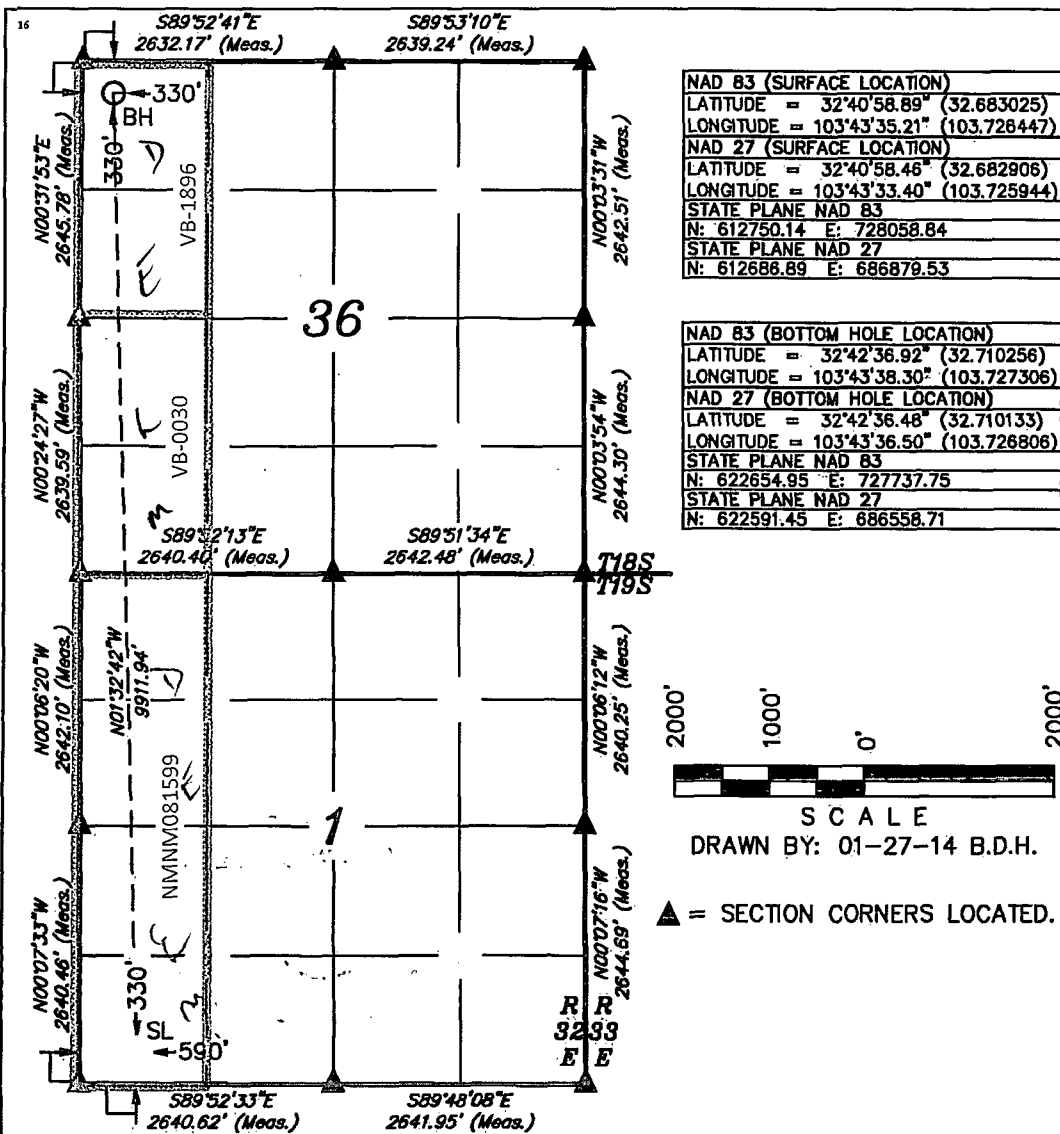
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 1       | 19 S     | 32 E  |         | 330           | SOUTH            | 590           | WEST           | LEA    |

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

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 36      | 18 S     | 32 E  |         | 330           | NORTH            | 330           | WEST           | 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.

*Paula Brunson* 11/18/2014  
Signature Date

Paula Brunson

Printed Name

pbrunson@cimarex.com

E-mail Address

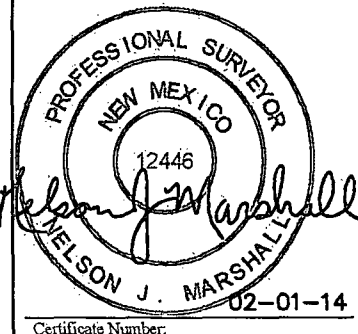
<sup>18</sup> SURVEYOR  
CERTIFICATION

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.

November 27, 2013

Date of Survey

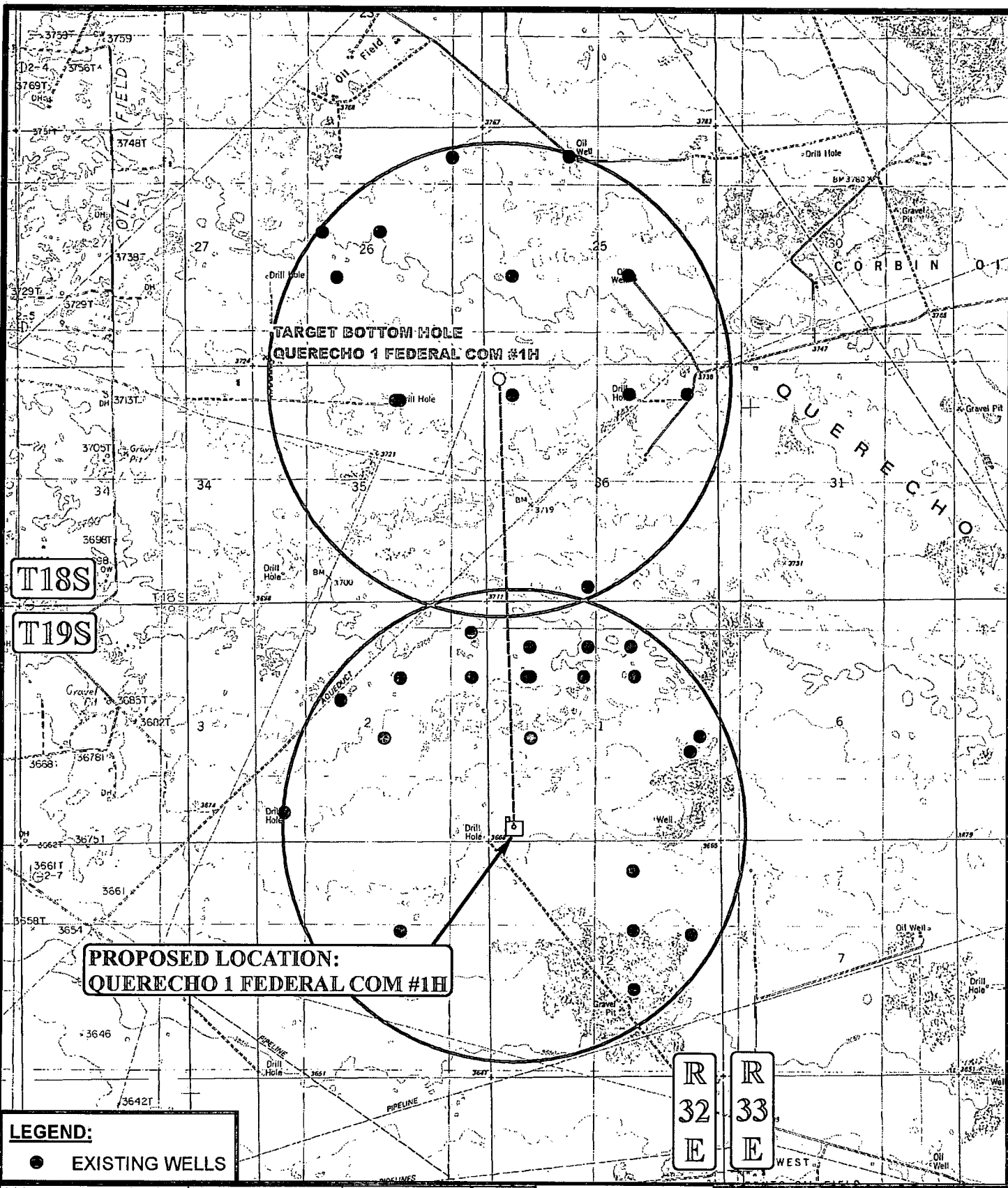
Signature and Seal of Professional Surveyor:



Certificate Number:

JUL 29 2014

AM.



**LEGEND:**  
 ● EXISTING WELLS

|                      |                   |
|----------------------|-------------------|
| SCALE: 1" = 3000'    | REVISED: 00-00-00 |
| DRAWN BY: L.S.       |                   |
| DATE DRAWN: 01-29-14 |                   |



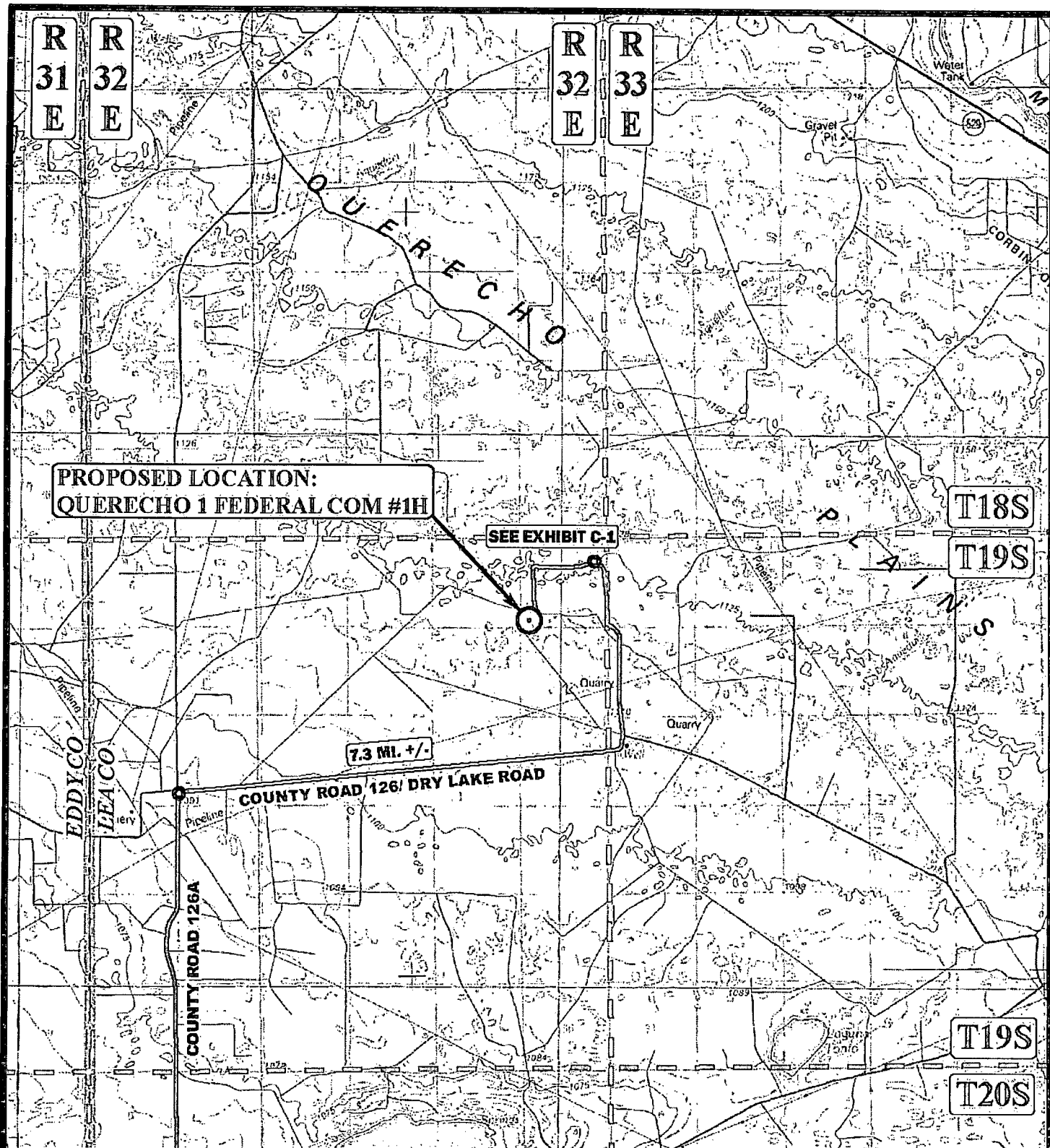
**CIMAREX** **CIMAREX ENERGY CO.**

QUERECHO 1 FEDERAL COM #1H  
 SECTION 1, T19S, R32E, N.M.P.M.  
 330' FSL 590' FWL

**ONE MILE RADIUS PLAT** **EXHIBIT A**



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



**LEGEND:**

○ PROPOSED LOCATION

HOBBS, NEW MEXICO IS  
+/- 34.4 MILES  
EASTERLY

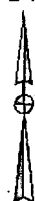
SCALE: 1:100,000

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 01-29-14

N



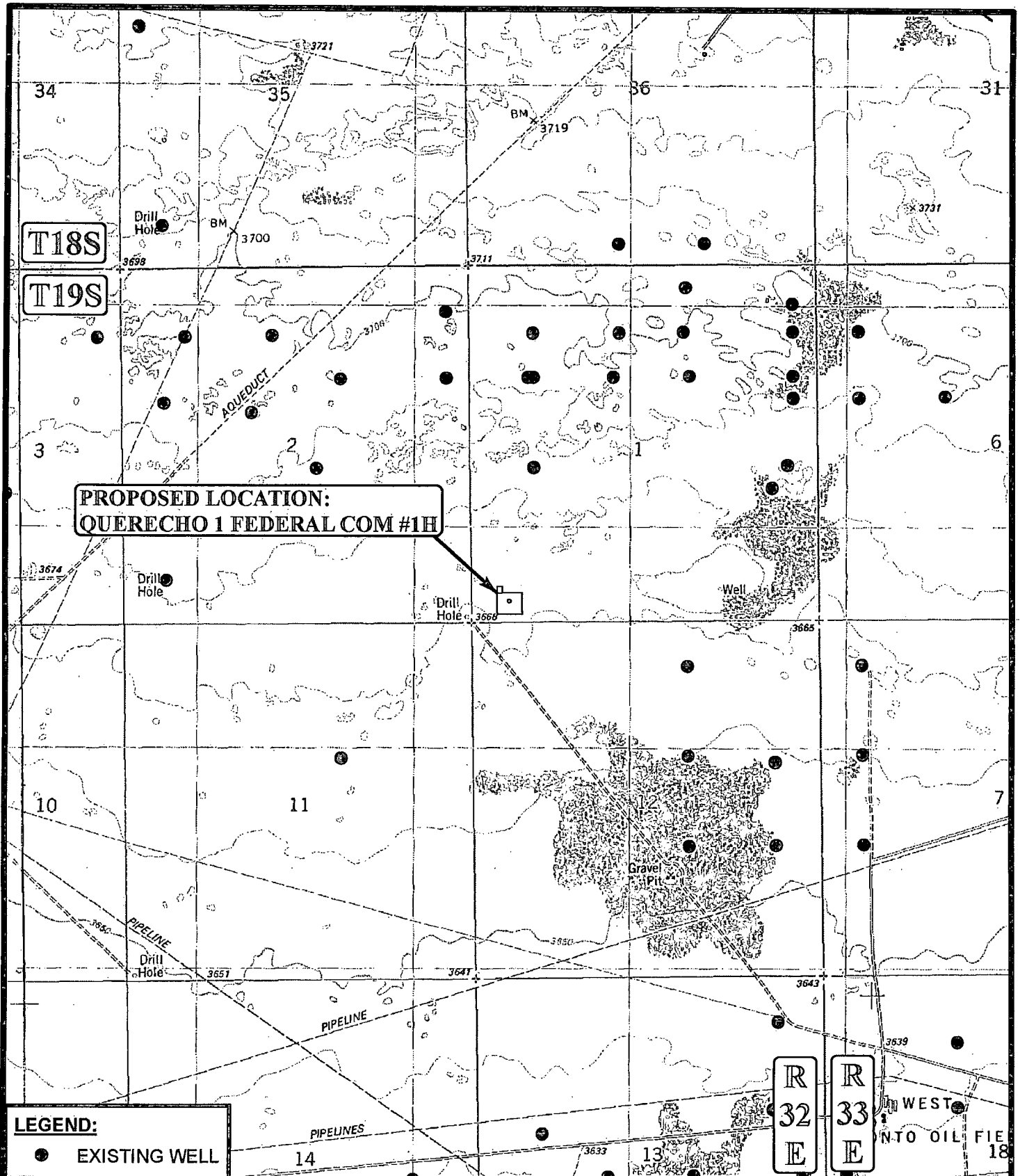
CIMAREX ENERGY CO.

QUERECHO 1 FEDERAL COM #1H  
SECTION 1, T19S, R32E, N.M.P.M.  
330' FSL 590' FWL

PUBLIC ACCESS ROAD MAP EXHIBIT B



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



**PROPOSED LOCATION:  
QUERECHO 1 FEDERAL COM #1H**

**LEGEND:**

● EXISTING WELL

SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 01-29-14



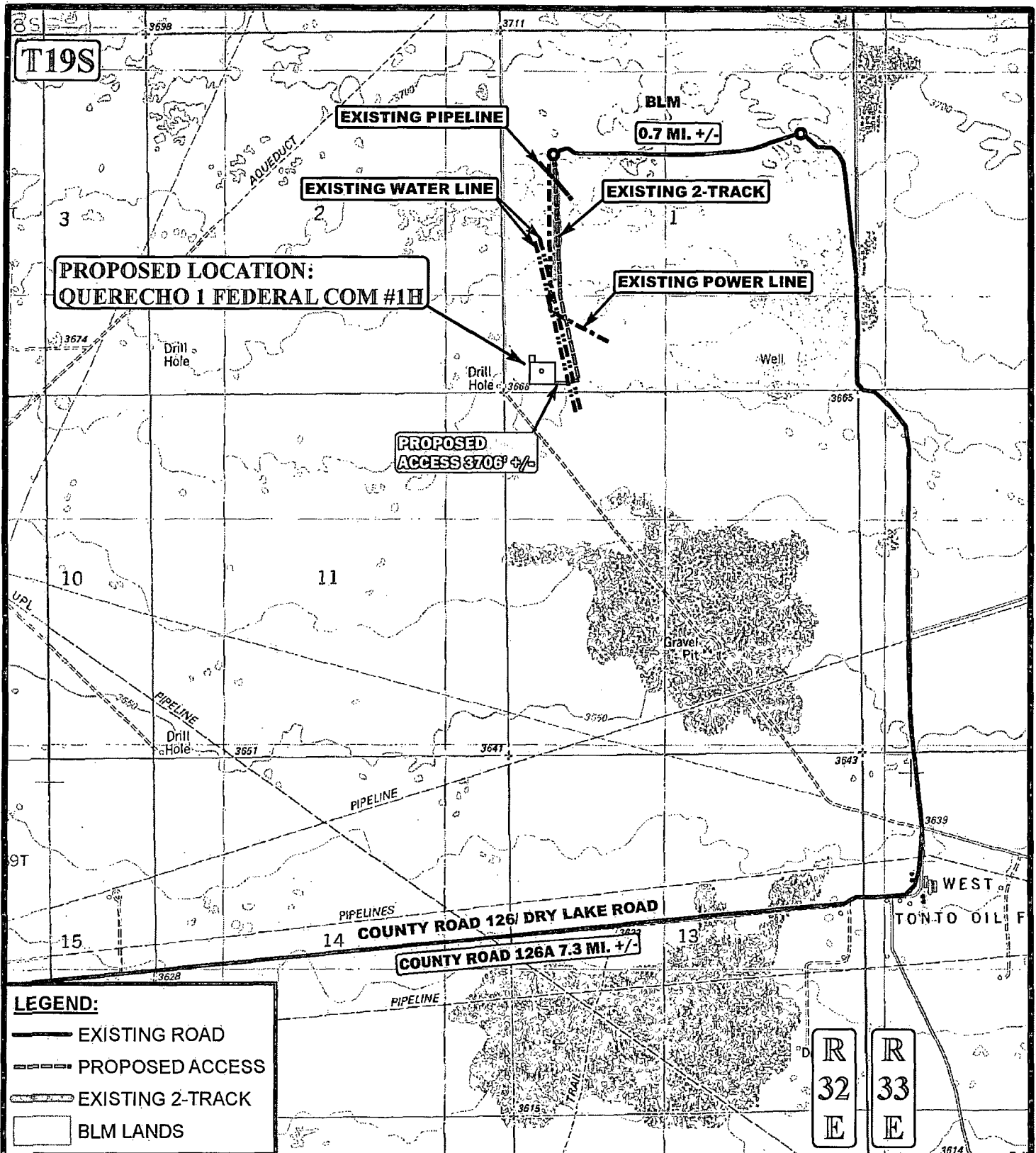
**CIMAREX ENERGY CO.**

**QUERECHO 1 FEDERAL COM #1H  
SECTION 1, T19S, R32E, N.M.P.M.  
330' FSL 590' FWL**

**USGS TOPOGRAPHIC MAP | EXHIBIT C**



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\*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 UINAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 01-29-14



**CIMAREX ENERGY CO.**

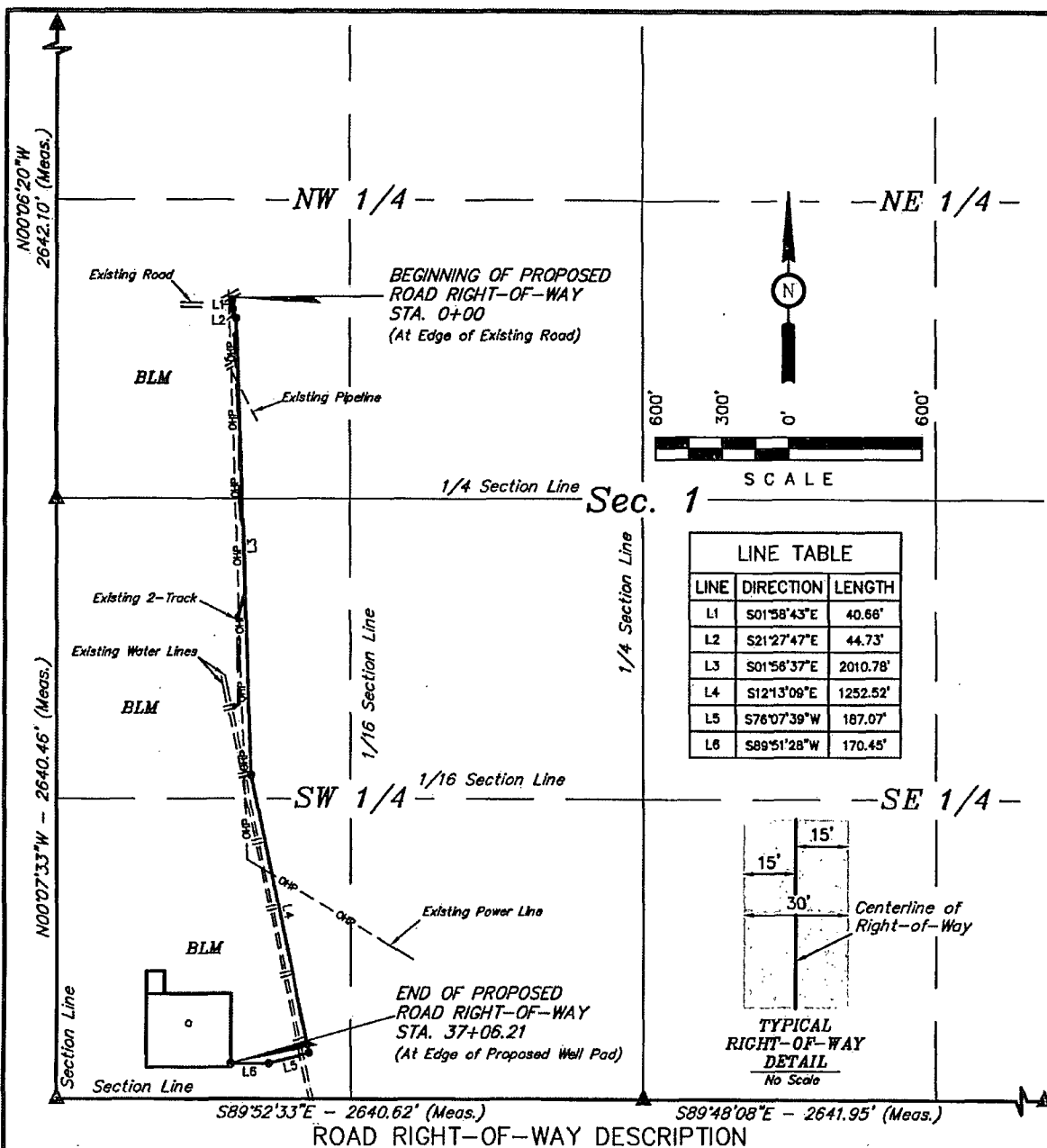
**QUERECHO 1 FEDERAL COM #1H**  
**SECTION 1, T19S, R32E, N.M.P.M.**  
**330' FSL 590' FWL**

**ACCESS ROAD MAP**

**EXHIBIT C-1**



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| RIGHT-OF-WAY LENGTHS |         |       |        |
|----------------------|---------|-------|--------|
| DESCRIPTION          | FEET    | ACRES | RODS   |
| NW 1/4 SEC. 1        | 880.25  | 0.606 | 53.35  |
| SW 1/4 SEC. 1        | 2825.96 | 1.946 | 171.27 |
| TOTAL                | 3706.21 | 2.552 | 224.62 |

▲ = SECTION CORNERS LOCATED.

**NOTES:**

- The maximum grade of existing ground for the proposed access road is  $\pm 5.4\%$ .

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CERTIFICATE OF PROFESSIONAL SURVEY

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12446  
STATE OF NEW MEXICO

02-01-14



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



CIMAREX ENERGY CO.

QUERCHO 1 FEDERAL COM #1H  
SECTION 1, T19S, R32E, N.M.P.M.  
330' FSL 590' FWL

DRAWN BY: B.D.H.

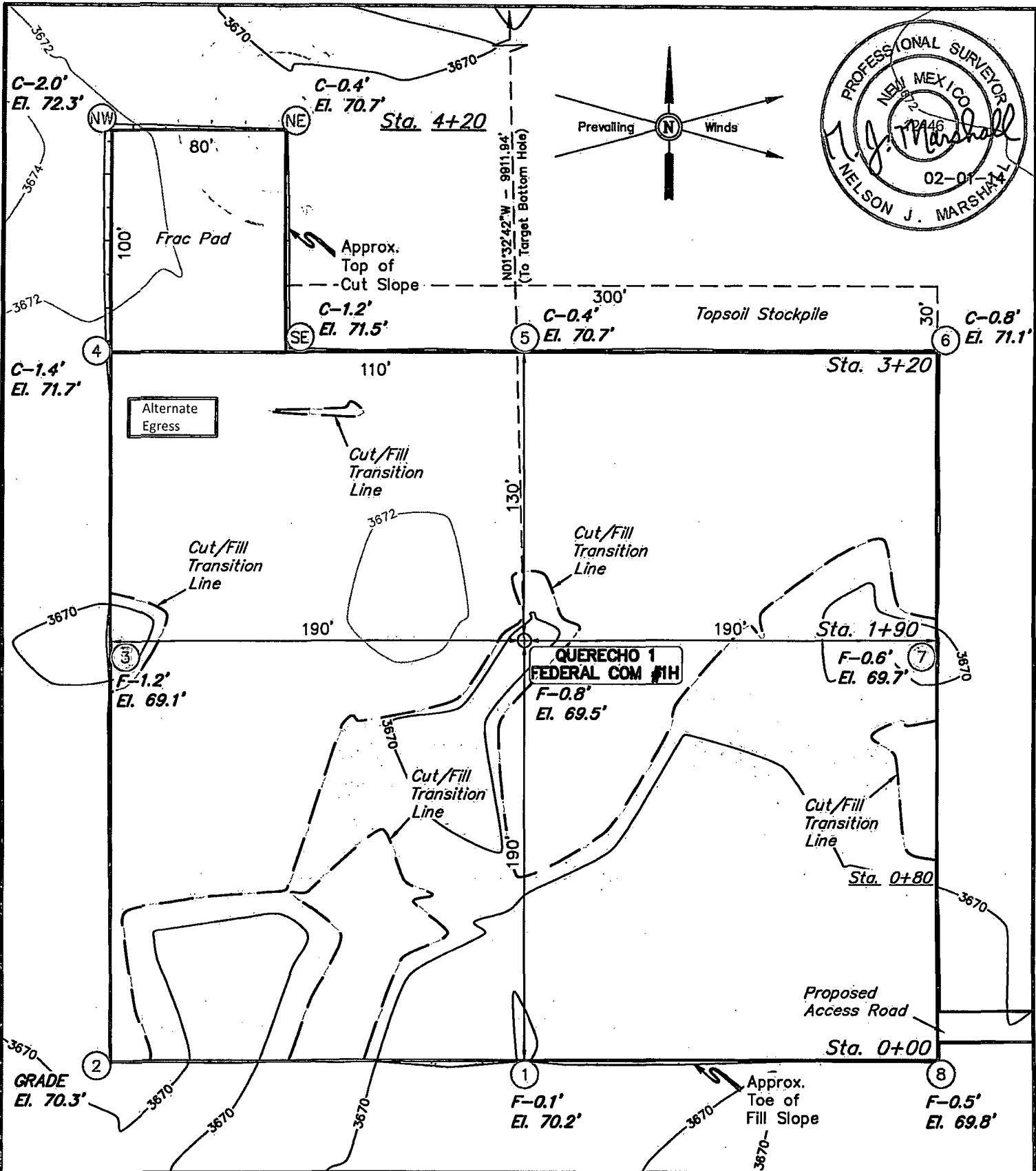
SCALE: 1" = 600'

DATE: 01-28-14

REVISED:

ACCESS ROAD R-O-W

EXHIBIT C-2



ELEV. UNGRADED GROUND AT LOC. STAKE = 3669.5' FINISHED GRADE ELEV. AT LOC. STAKE = 3670.3'

- NOTES:**
- Flare pit is to be located a min. of 100' from the well head.
  - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
  - Earthwork calculations require a fill of 0.8' @ the location stake. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

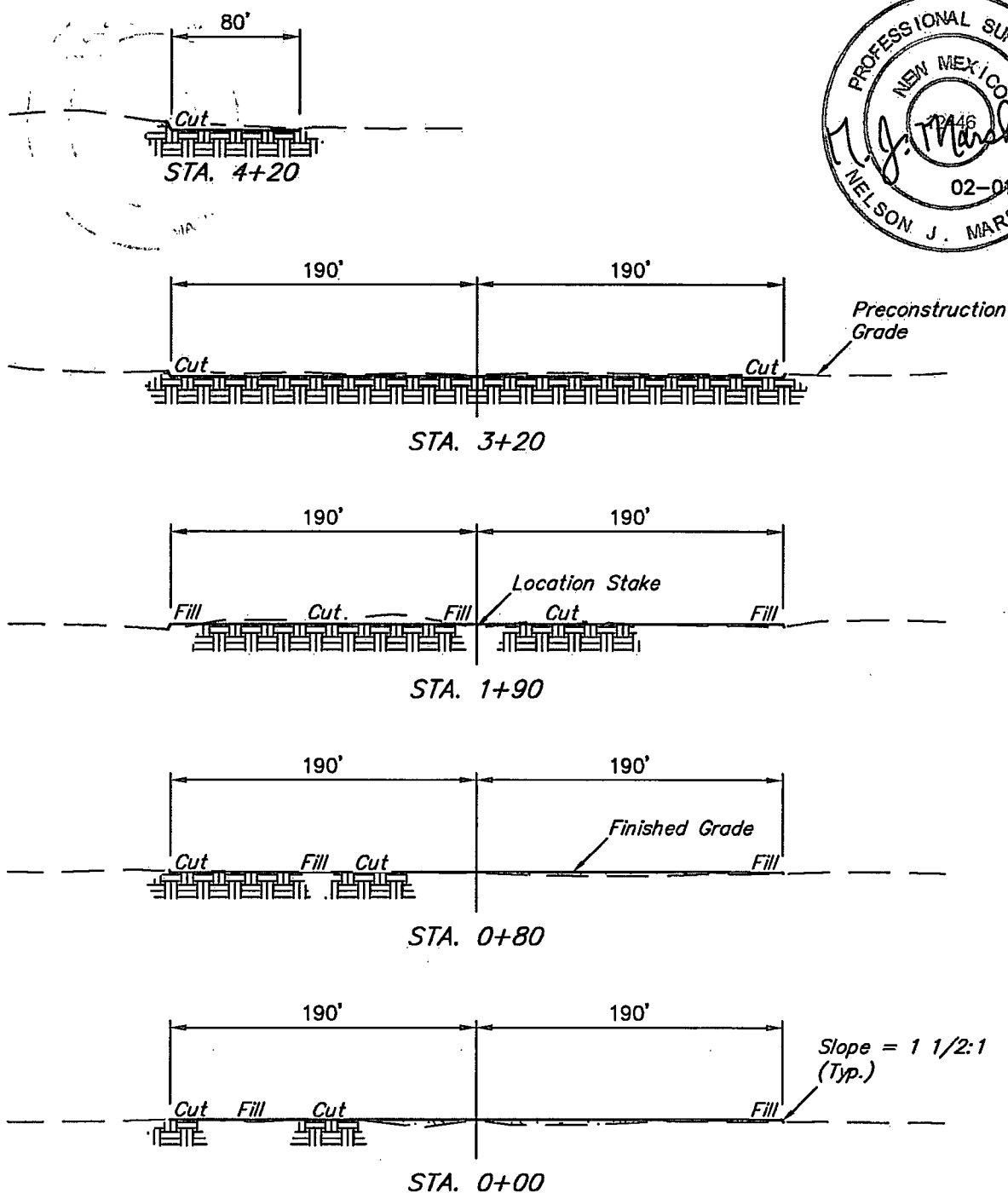
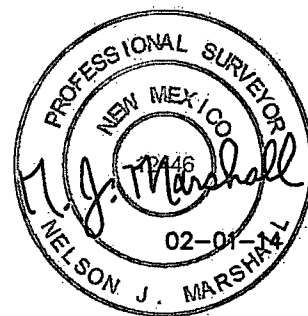
|   |                           |
|---|---------------------------|
| <b>CIMAREX</b>  | <b>CIMAREX ENERGY CO.</b> |
| <b>QUERECHO 1 FEDERAL COM #1H</b><br>SECTION 1, T19S, R32E, N.M.P.M.<br>330' FSL 590' FWL |                           |

**UINTEAH**  
ENGINEERING & LAND SURVEYING

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

|                        |                 |
|------------------------|-----------------|
| DRAWN BY: B.D.H.       | SCALE: 1" = 60' |
| DATE: 01-28-14         | REVISED:        |
| <b>LOCATION LAYOUT</b> |                 |
| <b>EXHIBIT D</b>       |                 |

1" = 40'  
X-Section  
Scale  
1" = 100'



| APPROXIMATE EARTHWORK QUANTITIES                          |                       | APPROXIMATE SURFACE DISTURBANCE AREAS |                  |               |
|---|-----------------------|---------------------------------------|------------------|---------------|
| (3") TOPSOIL STRIPPING                                    | 1,220 Cu. Yds.        |                                       | DISTANCE         | ACRES         |
| REMAINING LOCATION  | 1,520 Cu. Yds.        | WELL SITE DISTURBANCE                 | NA               | ±3.214        |
| <b>TOTAL CUT</b>  | <b>2,740 Cu. Yds.</b> | ACCESS ROAD DISTURBANCE               | ±3706.21'        | ±2.552        |
| <b>FILL</b>   | <b>1,520 Cu. Yds.</b> |                                       |                  |               |
| EXCESS MATERIAL   | 1,220 Cu. Yds.        |                                       |                  |               |
| TOPSOIL   | 1,220 Cu. Yds.        |                                       |                  |               |
| <b>EXCESS UNBALANCE</b><br>(After Interim Rehabilitation) | <b>0 Cu. Yds.</b>     | <b>TOTAL DISTURBANCE</b>              | <b>±3706.21'</b> | <b>±5.766</b> |

NOTES:  
• Fill quantity includes 5% for compaction.



**CIMAREX ENERGY CO.**

QUERCHO 1 FEDERAL COM #1H  
SECTION 1, T19S, R32E, N.M.P.M.  
330' FSL 590' FWL



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

DRAWN BY: B.D.H.

SCALE: AS SHOWN

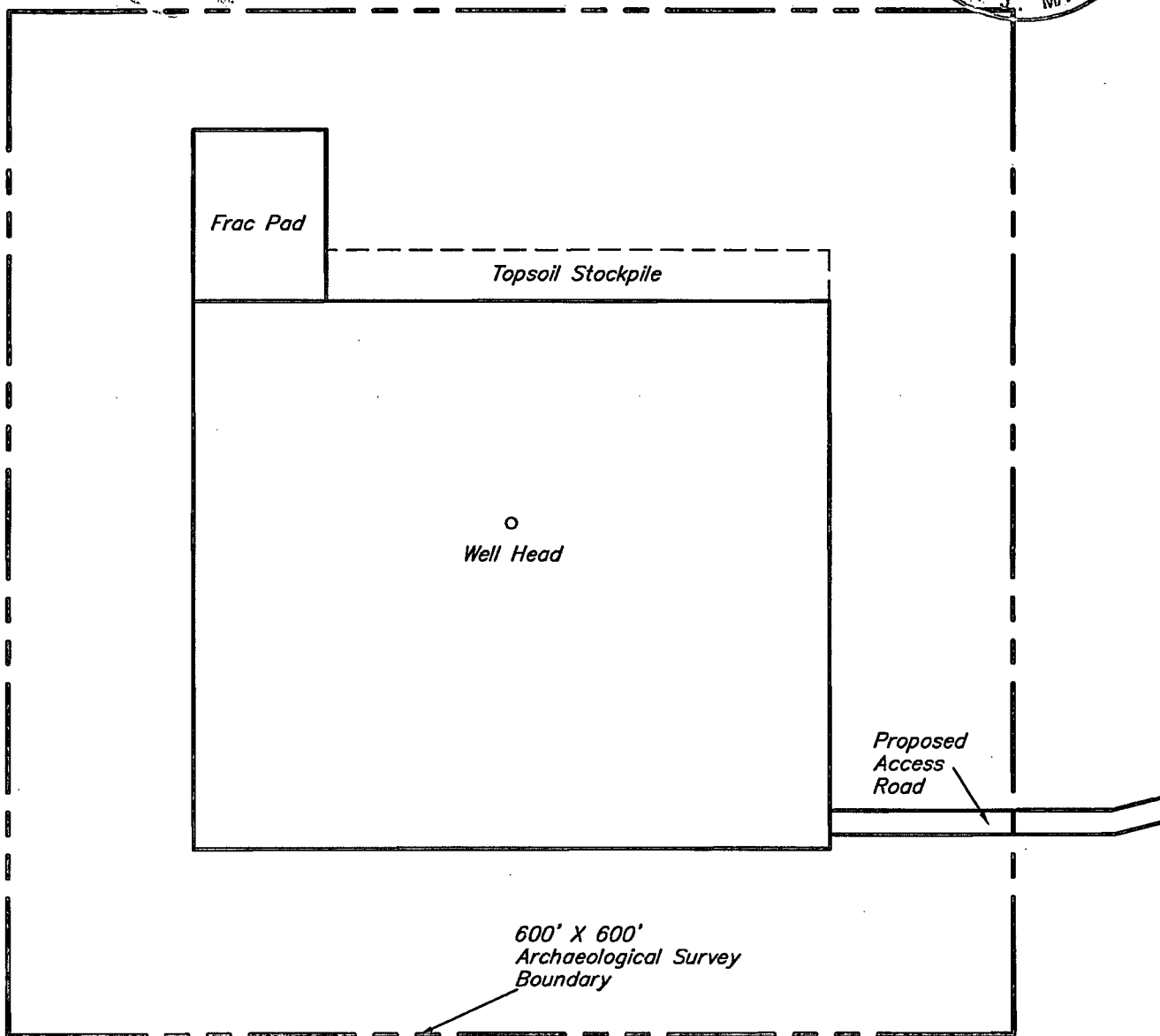
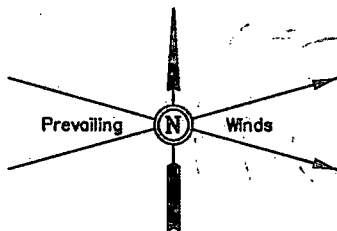
DATE: 01-28-14

REVISED:

**TYPICAL CROSS SECTIONS**

**EXHIBIT D**





Section 1  
Section 12

NOTES:



**CIMAREX ENERGY CO.**

QUERECHO 1 FEDERAL COM #1H  
SECTION 1, T19S, R32E, N.M.P.M.  
330' FSL 590' FWL

DRAWN BY: B.D.H.

SCALE: 1" = 100'

DATE: 01-28-14

REVISED:

ARCHAEOLOGICAL SURVEY  
BOUNDARY

EXHIBIT D



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

BEGINNING AT THE INTERSECTION OF COUNTY ROAD 126A AND COUNTY ROAD 126/ DRY LAKE ROAD TO THE EAST LOCATED IN THE SW 1/4 OF SECTION 17, T19S, R32E, N.M.P.M. PROCEED IN AN EASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 7.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 3,706' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM THE INTERSECTION OF COUNTY ROAD 126A AND COUNTY ROAD 126/ DRY LAKE ROAD TO THE EAST LOCATED IN THE SW 1/4 OF SECTION 17, T19S, R32E, N.M.P.M. TO THE PROPOSED LOCATION IS APPROXIMATELY 8.7 MILES.

|                      |                   |  |
|----------------------|-------------------|--|
| DRAWN BY: L.S.       | REVISED: 00-00-00 |  |
| DATE DRAWN: 01-29-14 |                   |  |
|                      |                   |  |



QUERECHO 1 FEDERAL COM #1H  
SECTION 1, T19S, R32E, N.M.P.M.  
330' FSL 590' FWL



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ROAD DESCRIPTION EXHIBIT J