

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

HOBBS OCD

JUL 18 2014

AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025 42001	<sup>2</sup> Pool Code 59477	<sup>3</sup> Pool Name TONTAJBONE SPRINGS, WEST
<sup>4</sup> Property Code 313497	<sup>5</sup> Property Name QUERECHO I FEDERAL COM	
<sup>7</sup> OGRID No. 215099	<sup>8</sup> Operator Name CIMAREX ENERGY CO.	<sup>6</sup> Well Number #1H <sup>9</sup> Elevation 3669'

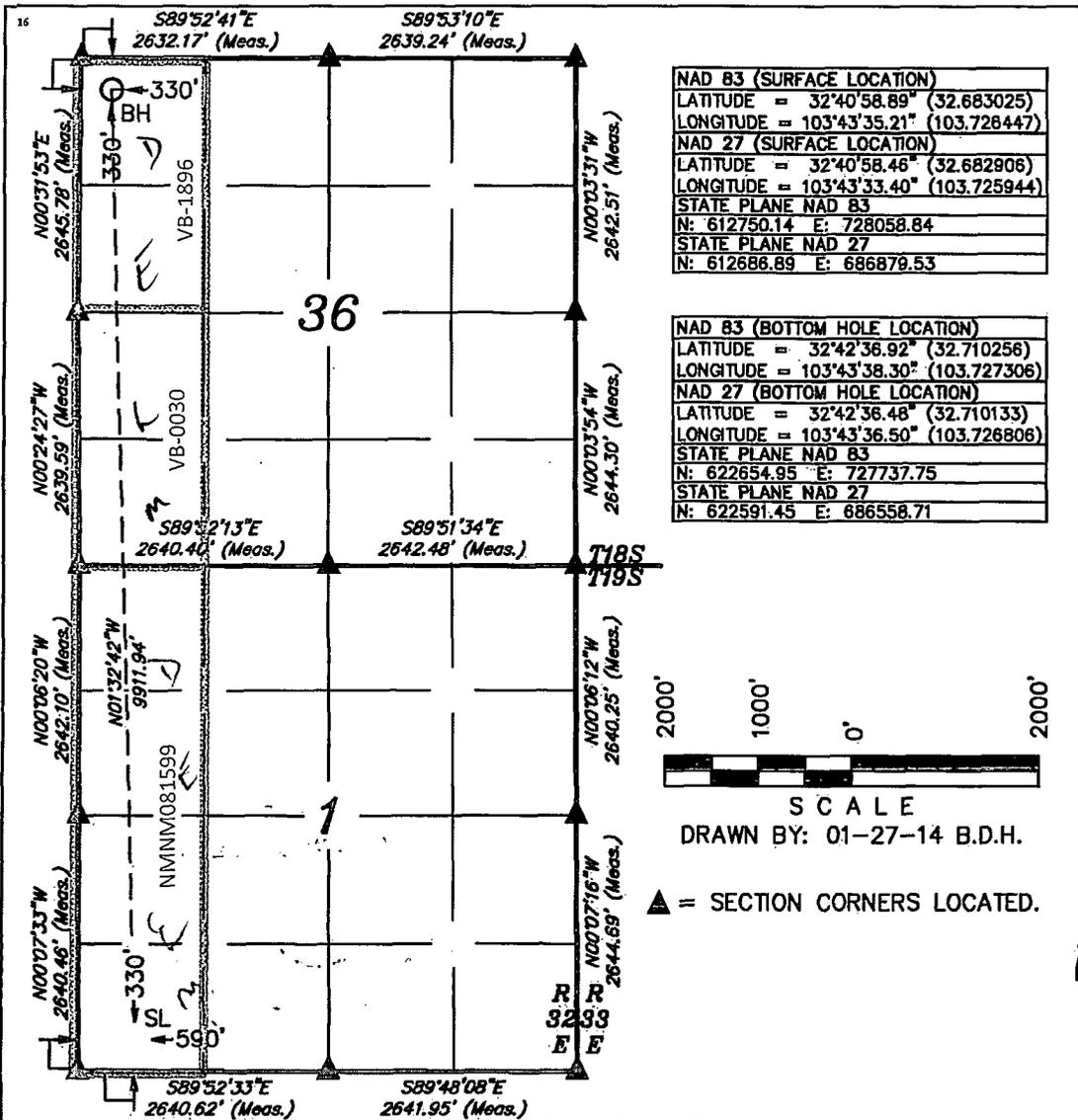
<sup>10</sup> Surface Location

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 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.



<b>NAD 83 (SURFACE LOCATION)</b>	
LATITUDE =	32°40'58.89" (32.683025)
LONGITUDE =	103°43'35.21" (103.726447)
<b>NAD 27 (SURFACE LOCATION)</b>	
LATITUDE =	32°40'58.46" (32.682906)
LONGITUDE =	103°43'33.40" (103.725944)
<b>STATE PLANE NAD 83</b>	
N:	612750.14 E: 728058.84
<b>STATE PLANE NAD 27</b>	
N:	612686.89 E: 686879.53

<b>NAD 83 (BOTTOM HOLE LOCATION)</b>	
LATITUDE =	32°42'36.92" (32.710256)
LONGITUDE =	103°43'38.30" (103.727306)
<b>NAD 27 (BOTTOM HOLE LOCATION)</b>	
LATITUDE =	32°42'36.48" (32.710133)
LONGITUDE =	103°43'36.50" (103.726806)
<b>STATE PLANE NAD 83</b>	
N:	622654.95 E: 727737.75
<b>STATE PLANE NAD 27</b>	
N:	622591.45 E: 686558.71

<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 07/18/2014  
Signature Date

Paula Brunson  
Printed Name

pbrunson@cimarex.com  
E-mail Address

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.

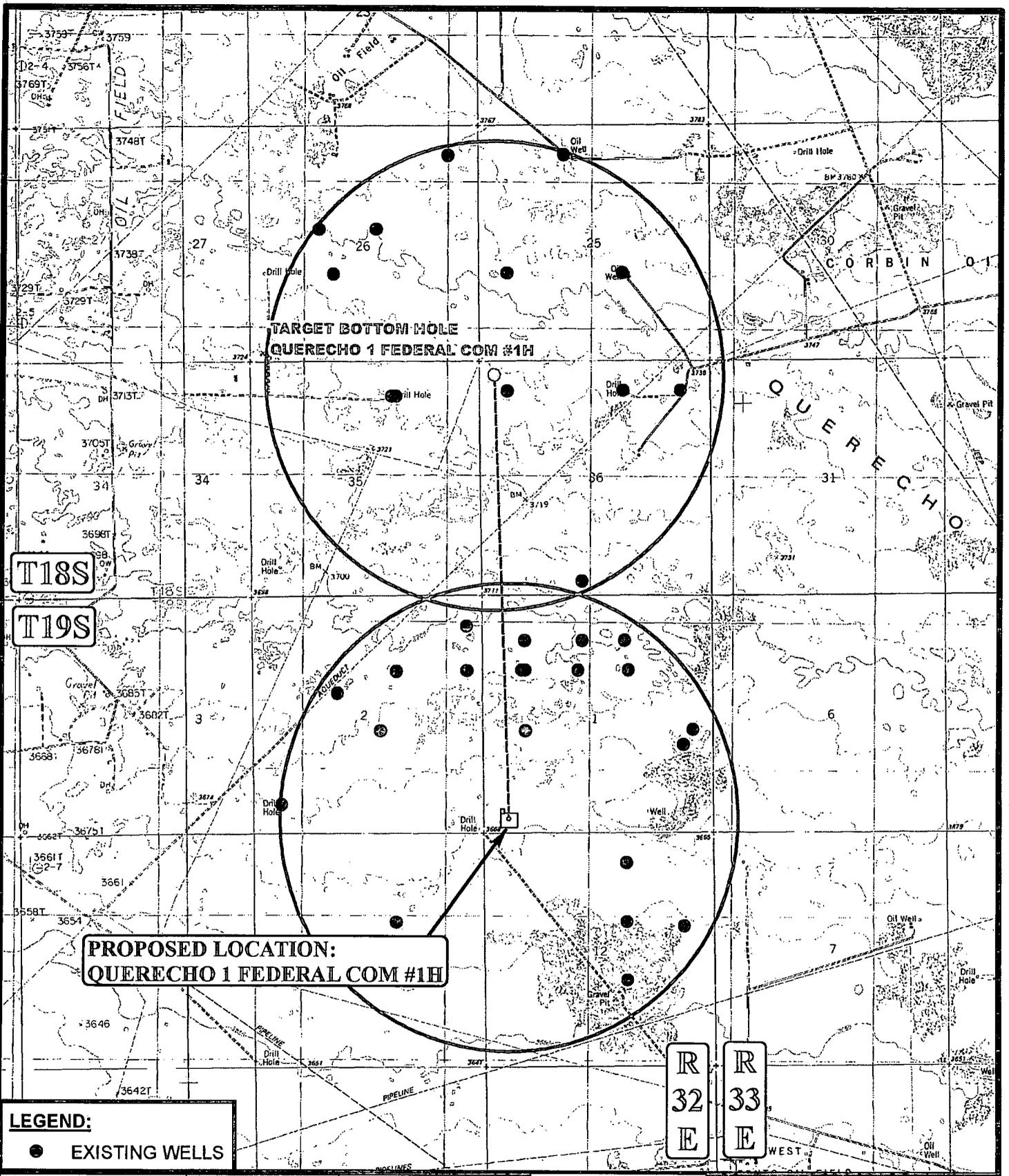
November 27, 2013  
Date of Survey

Signature and Seal of Professional Surveyor:



JUL 29 2014

AM.



T18S

T19S

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

R  
32  
E

R  
33  
E

**LEGEND:**  
● EXISTING WELLS

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



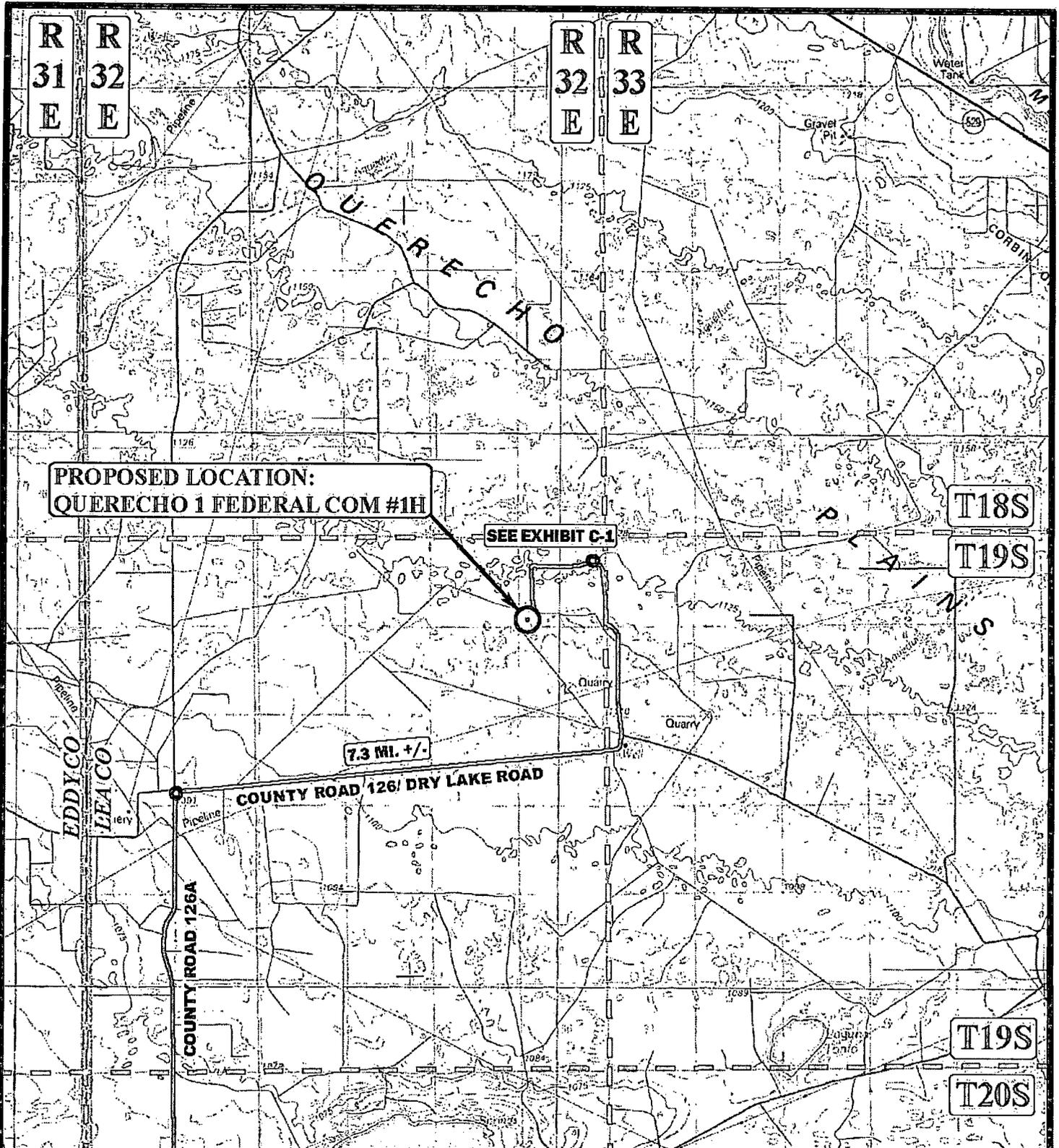
**CIMAREX** CIMAREX ENERGY CO.

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

**UINTAH**  
 ENGINEERING & LAND SURVEYING

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

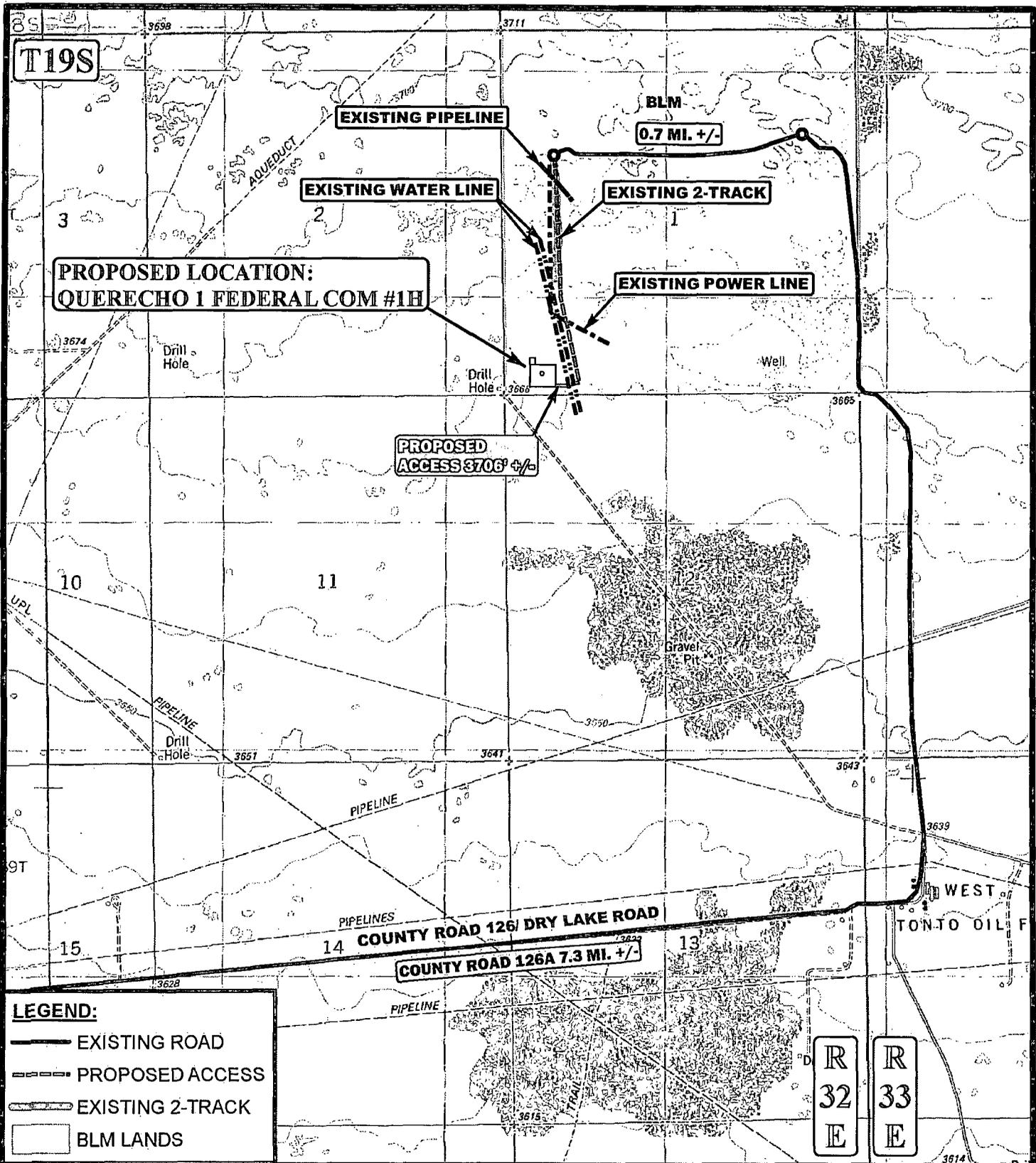


**CIMAREX**      CIMAREX ENERGY CO.

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

**PUBLIC ACCESS ROAD MAP      EXHIBIT B**





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS
- EXISTING 2-TRACK
- BLM LANDS

\*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	



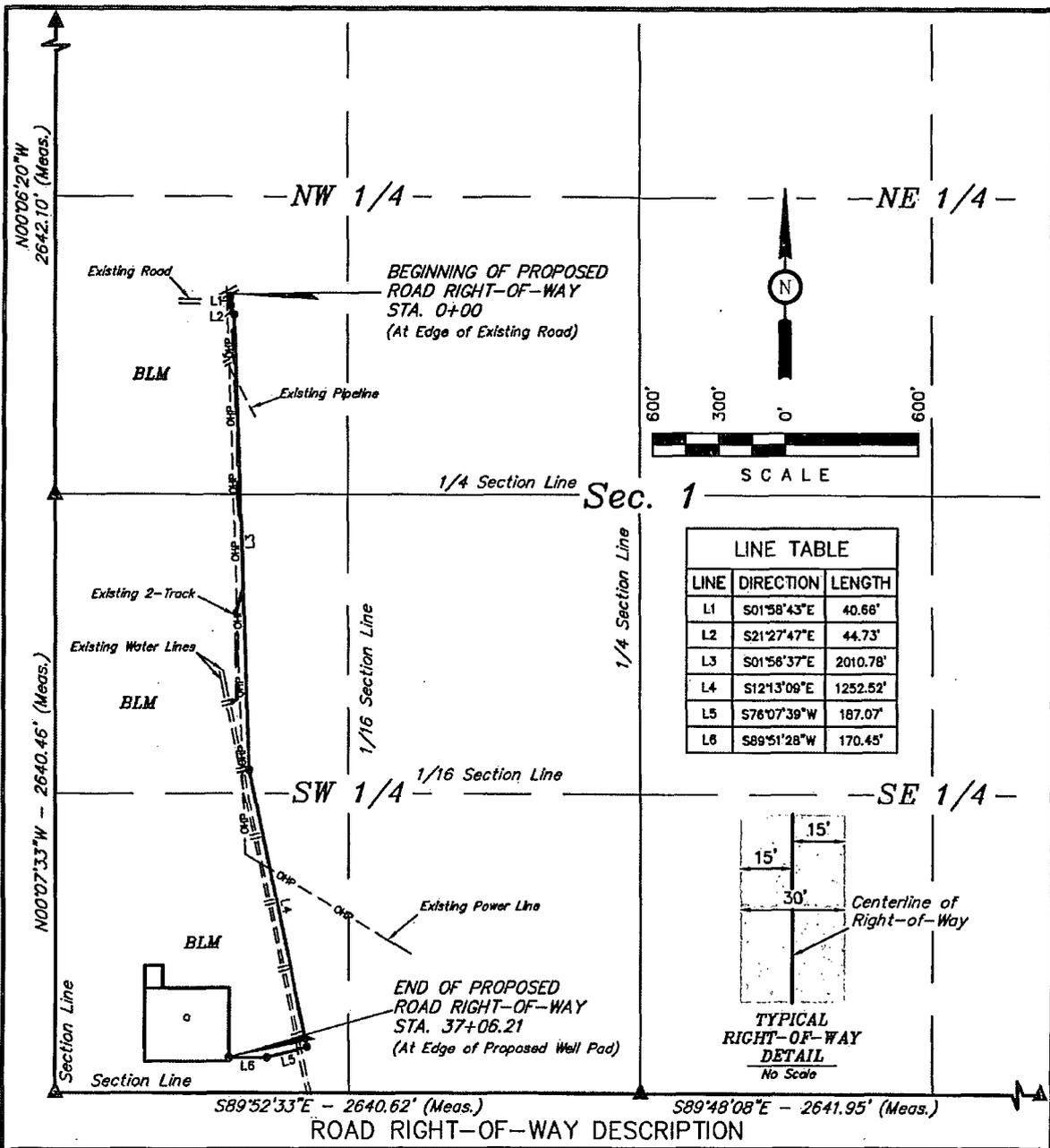
**CIMAREX** CIMAREX ENERGY CO.

QUERECHO 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

**ACCESS ROAD MAP** EXHIBIT C-1



**ROAD RIGHT-OF-WAY DESCRIPTION**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.  
 BEGINNING AT A POINT IN THE SW 1/4 NW 1/4 OF SECTION 1, T19S, R32E, N.M.P.M., WHICH BEARS N41°57'06"E 1176.53' FROM THE WEST 1/4 CORNER OF SAID SECTION 1, THENCE S01°58'43"E 40.66'; THENCE S21°27'47"E 44.73'; THENCE S01°56'37"E 2010.78'; THENCE S12°13'09"E 1252.52'; THENCE S76°07'39"W 187.07'; THENCE S89°51'28"W 170.45' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 1, WHICH BEARS N78°49'02"E 794.81' FROM THE SOUTHWEST CORNER OF SAID SECTION 1. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.552 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N41°57'06"E 1176.53' FROM THE WEST 1/4 CORNER OF SECTION 1, T19S, R32E, N.M.P.M.

END OF ROAD STA. 37+06.21 BEARS N78°49'02"E 794.81' FROM THE SOUTHWEST CORNER OF SECTION 1, T19S, R32E, N.M.P.M.

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
<b>TOTAL</b>	<b>3706.21</b>	<b>2.552</b>	<b>224.62</b>

▲ = SECTION CORNERS LOCATED.

CERTIFICATE OF PROFESSIONAL SURVEY  
 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.  
*Nelson J. Marshall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 12446  
 STATE OF NEW MEXICO  
 02-01-14

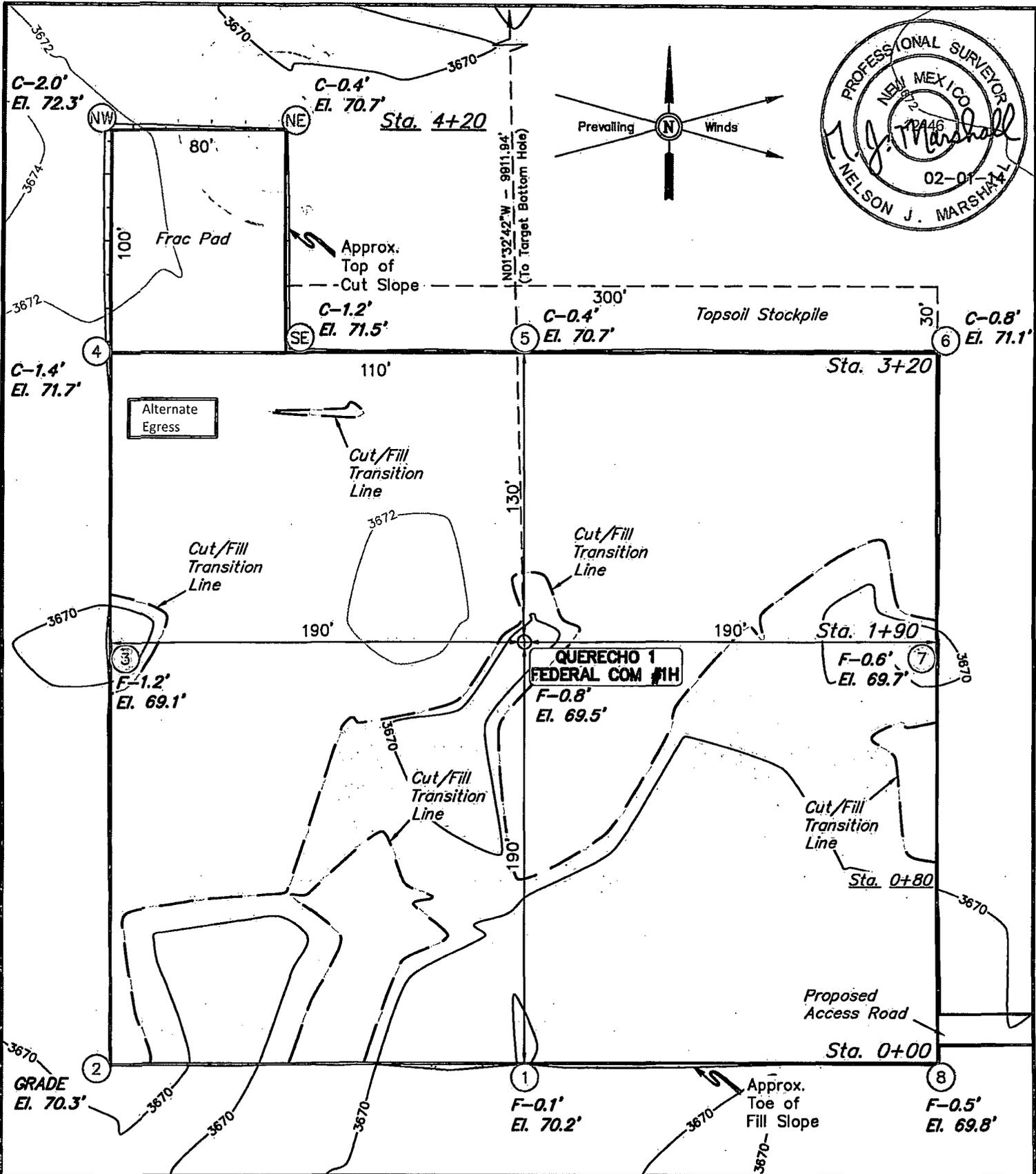
**NOTES:**  
 • The maximum grade of existing ground for the proposed access road is ± 5.4%.

**CIMAREX ENERGY CO.**  
 QUERECHO 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: 1" = 600'  
 DATE: 01-28-14      REVISED:



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.

**CIMAREX ENERGY CO.**

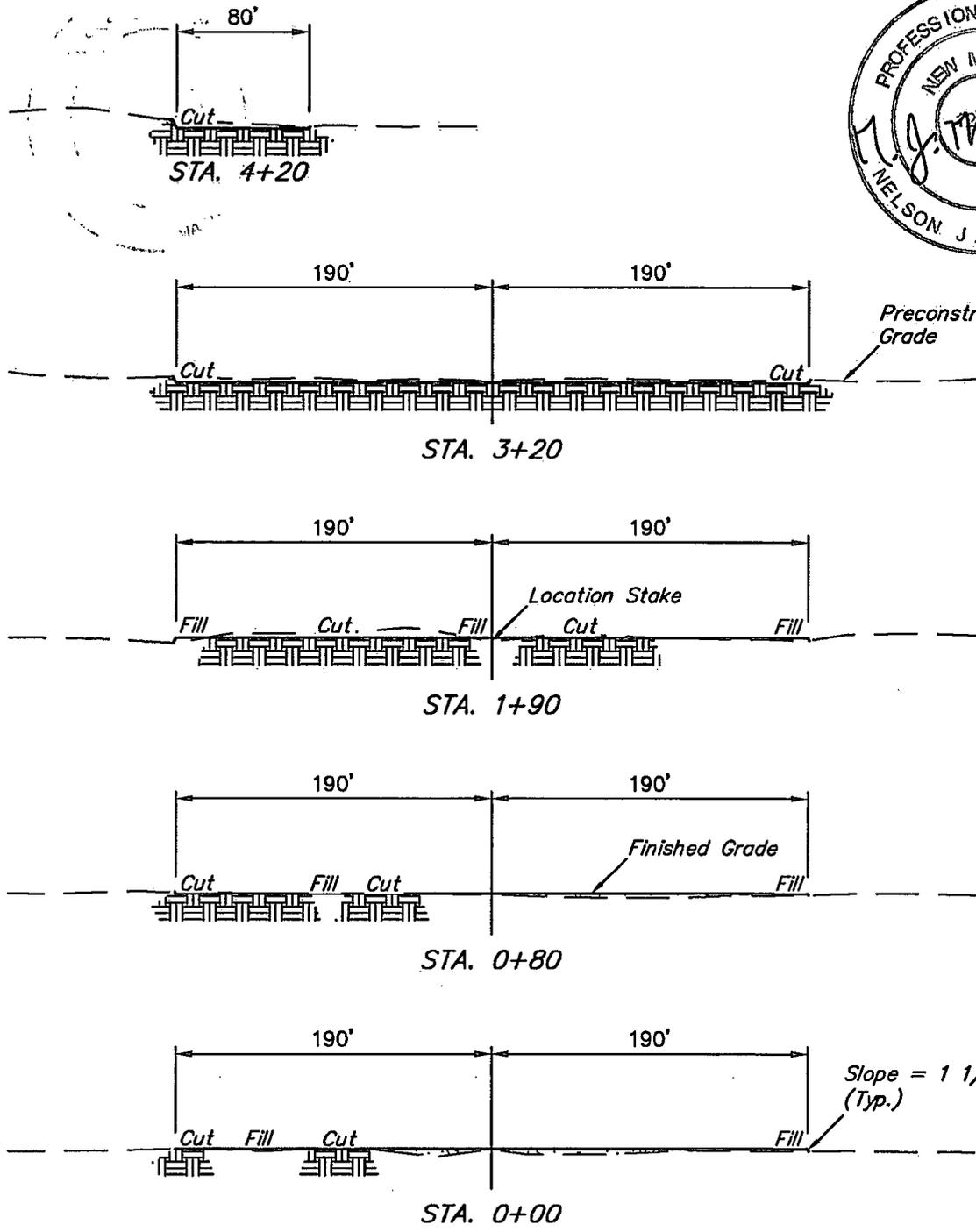
QUERECHO 1 FEDERAL COM #1H  
SECTION 1, T19S, R32E, N.M.P.M.  
330' FSL 590' FWL

**UINTAH 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.		
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>TOTAL DISTURBANCE</b>	<b>±3706.21' ±5.766</b>
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>		

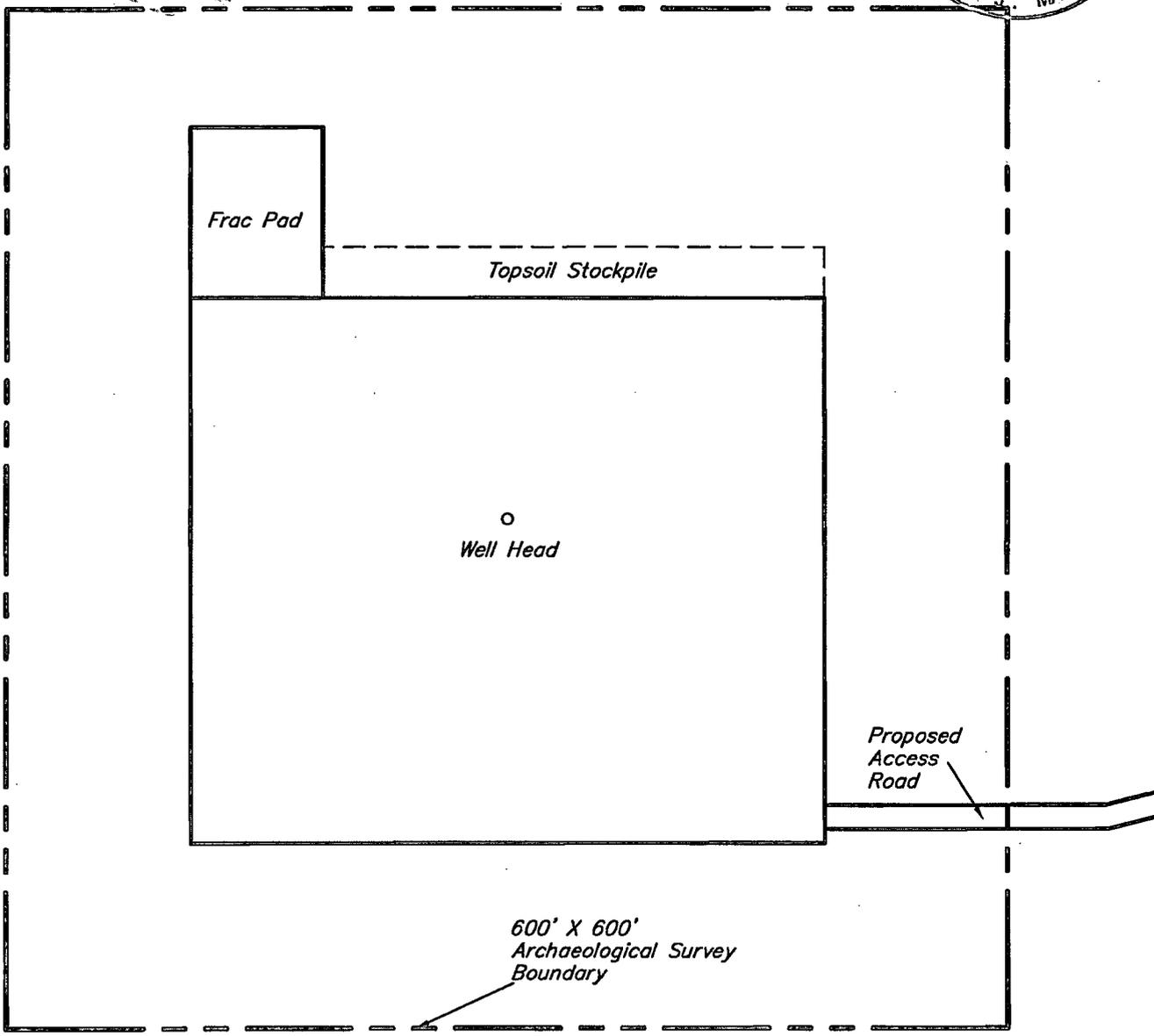
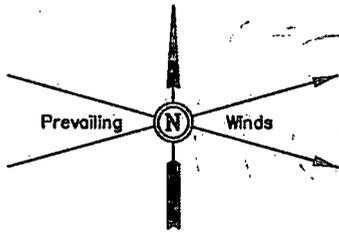
NOTES:  
 • Fill quantity includes 5% for compaction.

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

**UINTAH**  
 ENGINEERING & LAND SURVEYING  
 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



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

DRAWN BY: B.D.H.

SCALE: 1" = 100'

DATE: 01-28-14

REVISED:

ARCHAEOLOGICAL SURVEY  
BOUNDARY

EXHIBIT D

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



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

**ROAD DESCRIPTION** | **EXHIBIT J**