

MAY 05 2015

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

RECEIVED

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-029-42546		2 Pool Code 97983		3 Well Name WC-029 G-08 520306D	
4 Property Code 313878		5 Property Name LEA 7 FEDERAL COM		6 Well Number #2H	
7 GRID No. 215099		8 Operator Name CIMAREX ENERGY CO.		9 Elevation 3672'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	20S	35E		379	SOUTH	1730	WEST	LEA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	20S	35E		330	NORTH	1980	WEST	LEA
12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 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.

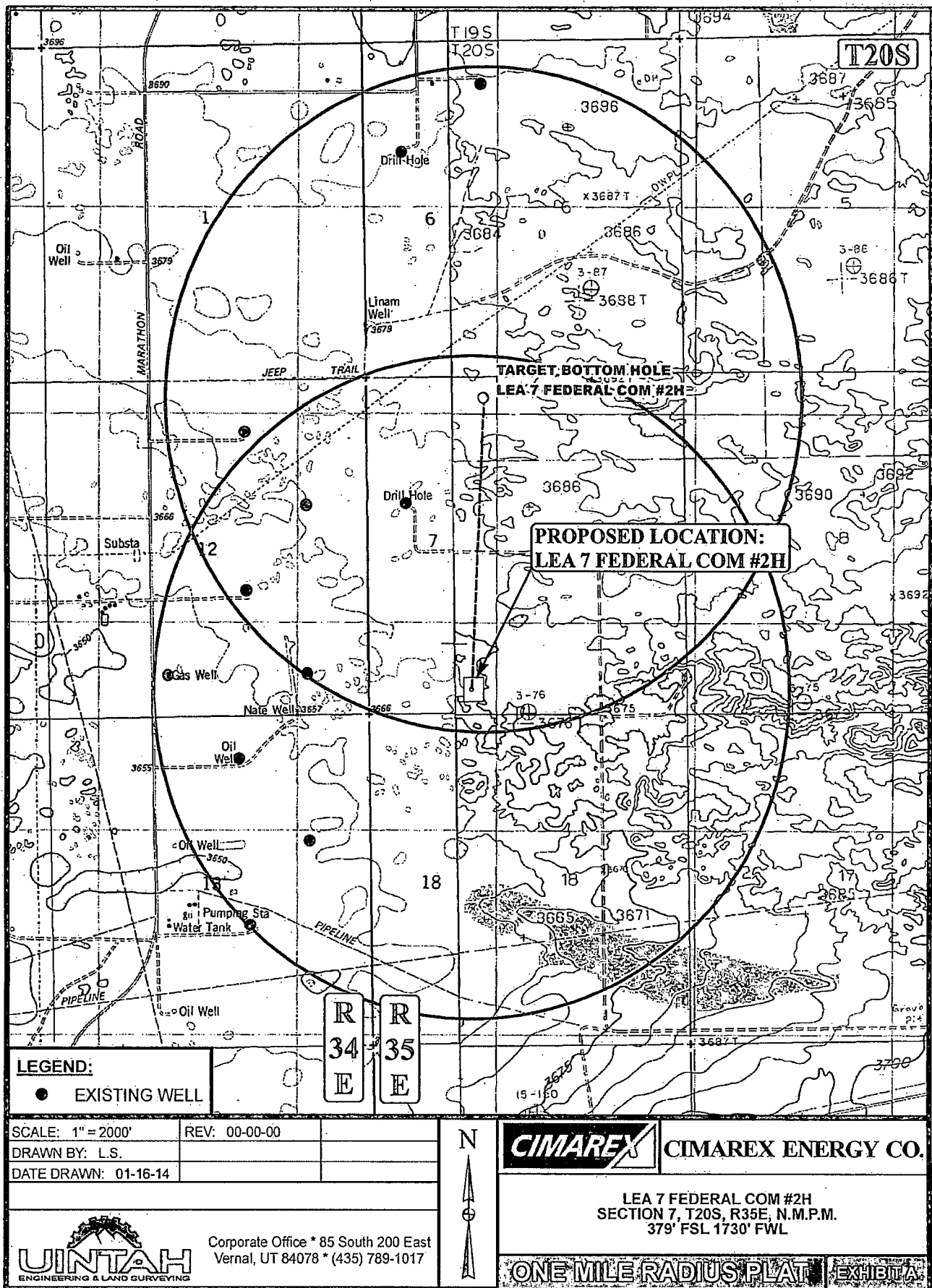
<p>16</p> <p>S89°38'43"W - 2633.34' (Meas.)</p> <p>S89°40'15"W - 2638.52' (Meas.)</p> <p>1980'</p> <p>LOT 1</p> <p>R 34 E</p> <p>LOT 2</p> <p>LOT 3</p> <p>LOT 4</p> <p>1730'</p> <p>S89°44'02"W - 5276.51' (Meas.)</p> <p>N00°01'01"E - 5278.87' (Meas.)</p> <p>N03°08'43"E - 4580.95'</p> <p>330' B.H.</p> <p>379' S.L.</p> <p>SCALE DRAWN: 01-21-14 C.A.G.</p> <p>▲ = SECTION CORNERS LOCATED. △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)</p> <p>NAD 83 (BOTTOM HOLE) LATITUDE = 32°35'38.45" (32.594014) LONGITUDE = 103°29'55.48" (103.498744) NAD 27 (BOTTOM HOLE) LATITUDE = 32°35'38.00" (32.593889) LONGITUDE = 103°29'53.72" (103.498256) STATE PLANE NAD 83 N: 580841.06 E: 798372.08 STATE PLANE NAD 27 N: 580778.14 E: 757191.13</p> <p>NAD 83 (SURFACE LOCATION) LATITUDE = 32°34'53.19" (32.581442) LONGITUDE = 103°29'58.41" (103.499558) NAD 27 (SURFACE LOCATION) LATITUDE = 32°34'52.75" (32.581319) LONGITUDE = 103°29'56.66" (103.499072) STATE PLANE NAD 83 N: 576265.94 E: 798156.92 STATE PLANE NAD 27 N: 576203.16 E: 756975.84</p>		<p>17 OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Hope Knauls</i> 9/10/14 Signature Date</p> <p>Hope Knauls Printed Name</p> <p>hknaults@cimarex.com E-mail Address</p> <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>April 22, 2013 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>PROFESSIONAL SURVEYOR NEW MEXICO J. MARSHALL 01-23-14 NELSON J. MARSHALL</p> <p>Certificate Number:</p>
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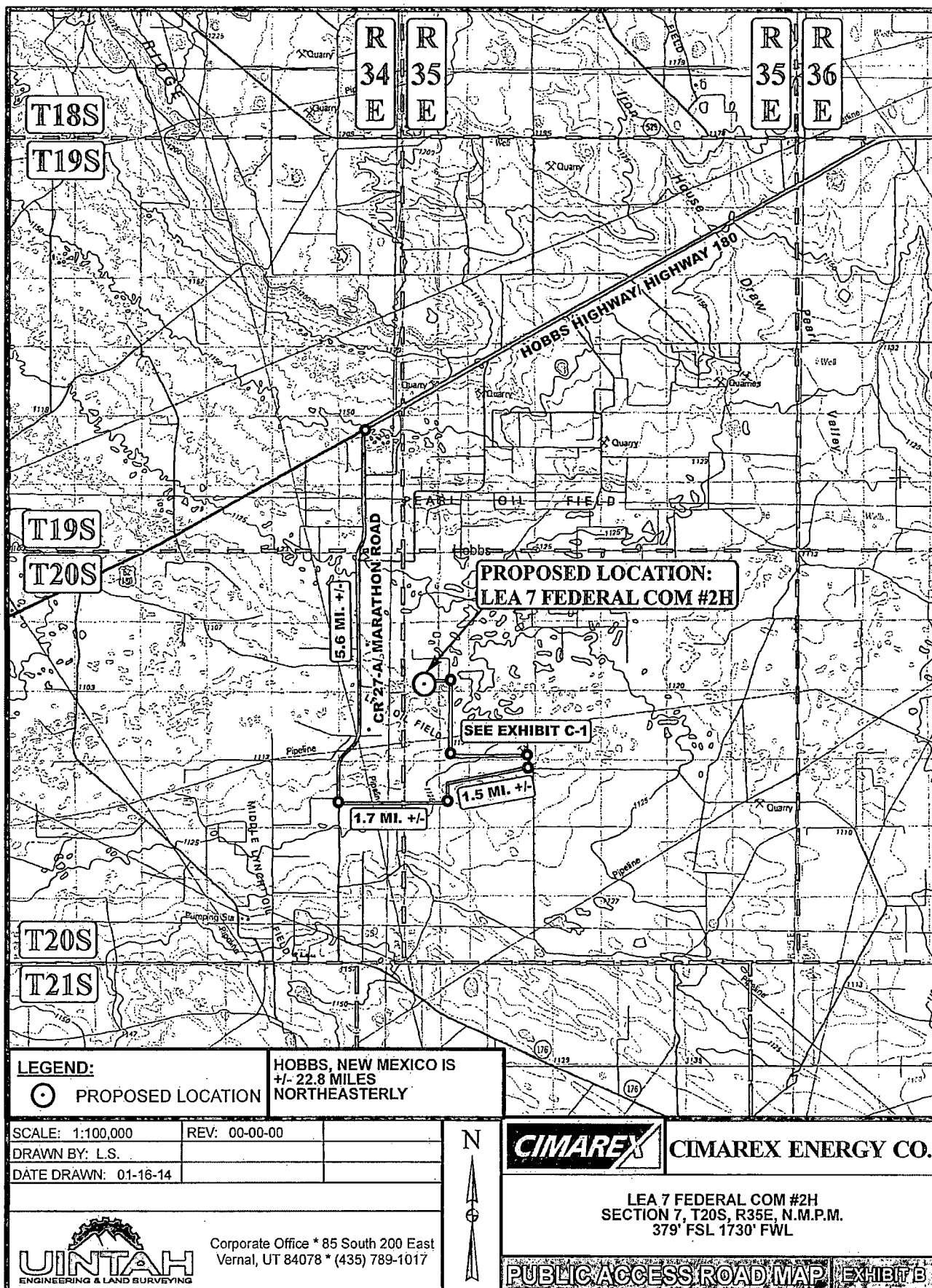
MAY 06 2015

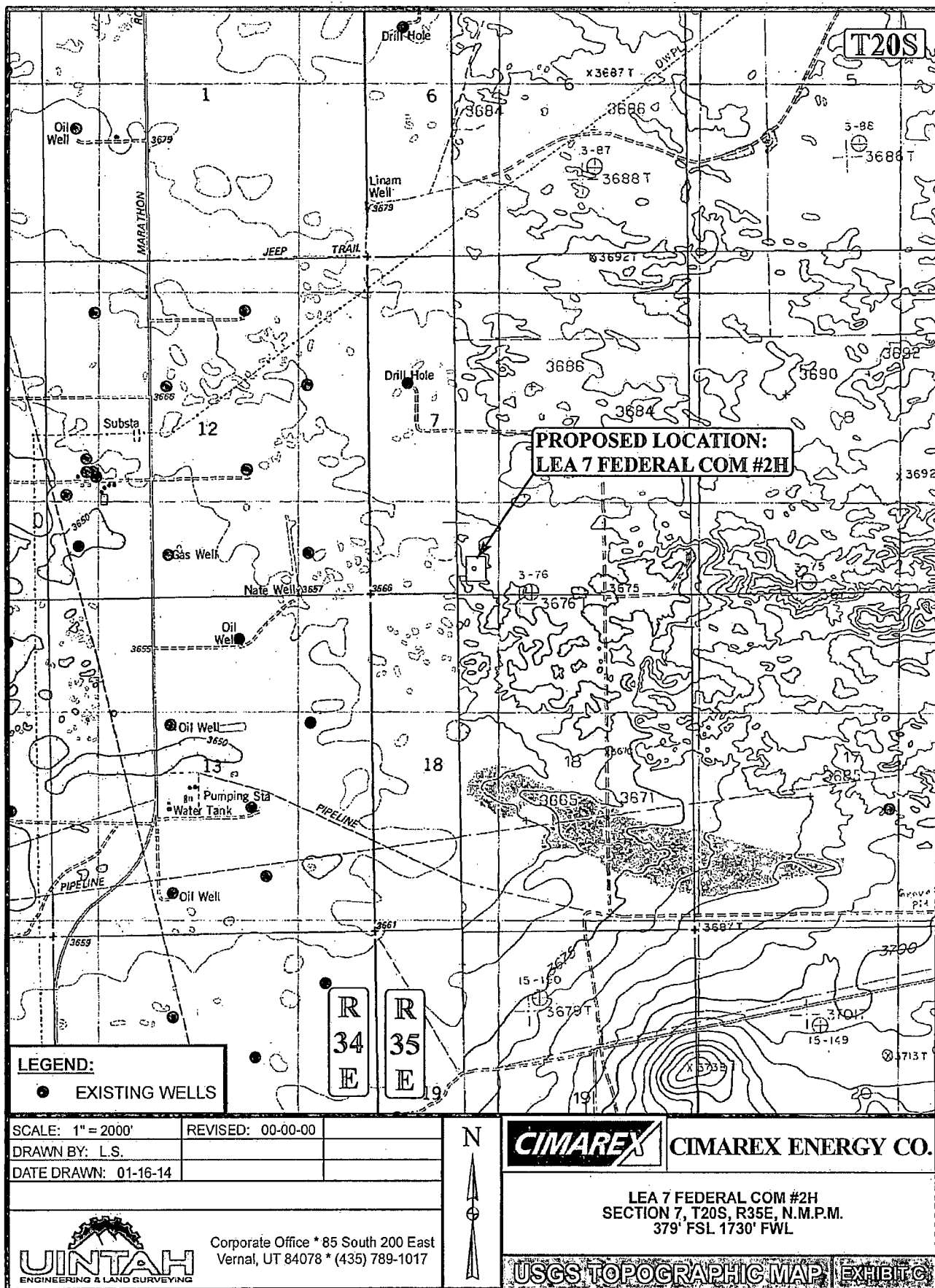
BEGINNING AT THE INTERSECTION OF HOBBS HIGHWAY/
HIGHWAY 180 AND COUNTY ROAD 27-A/ MARATHON ROAD
LOCATED IN THE NW 1/4 OF SECTION 25, T19S, R34E, N.M.P.M.
PROCEED IN SOUTHERLY DIRECTION APPROXIMATELY 5.6
MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING
ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN
EASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE
JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE
NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN
NORTHEASTERLY DIRECTION APPROXIMATELY 1.5 MILES TO
THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE
NORTH; TURN LEFT PROCEED IN A NORTHERLY DIRECTION
APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE
PROPOSED ACCESS FOR THE LEA 7 FEDERAL COM #1H TO THE
WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN
NORTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY
13,842' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE
SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION
APPROXIMATELY 15' TO THE PROPOSED LOCATION.

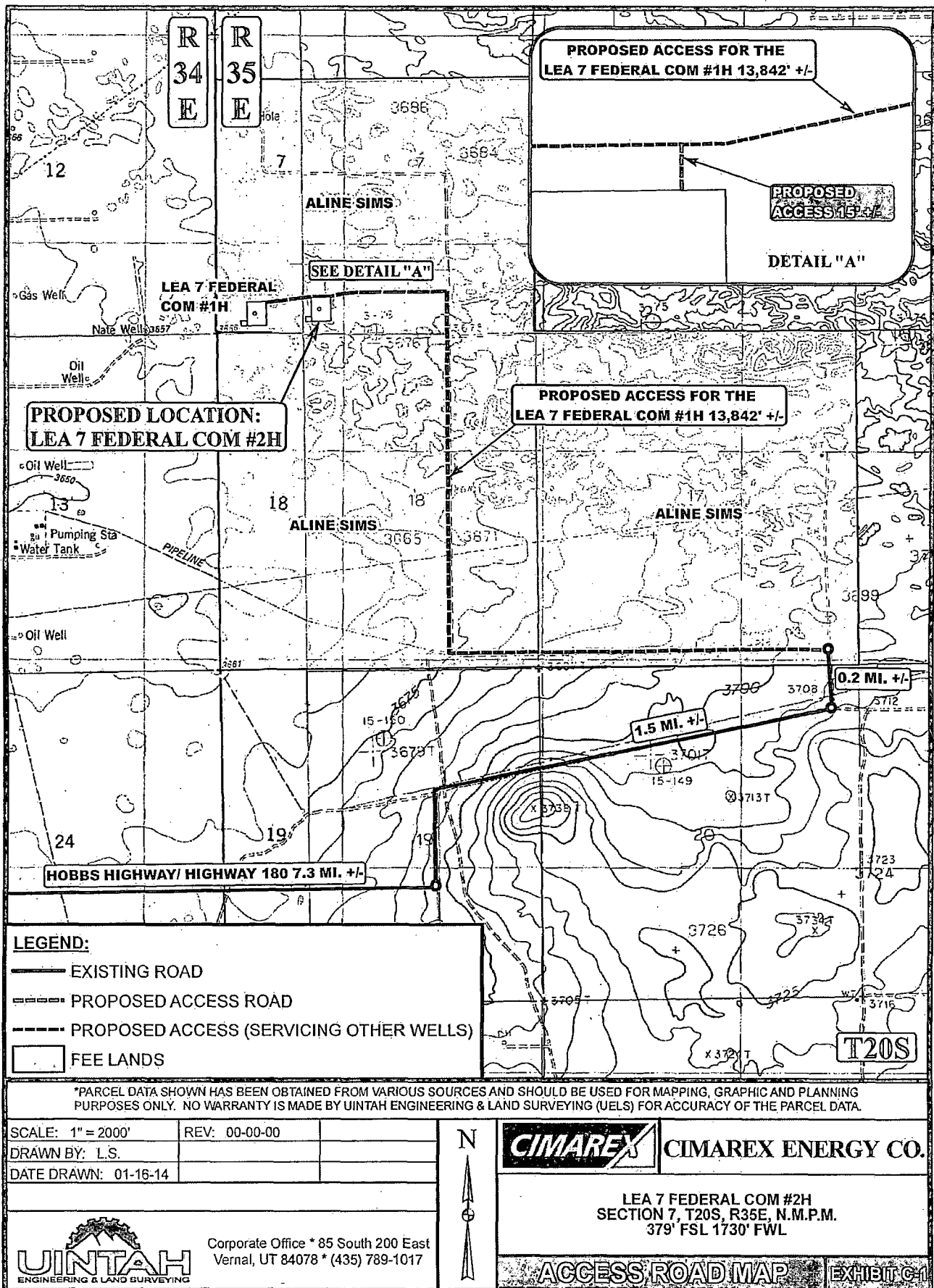
TOTAL DISTANCE FROM INTERSECTION OF HOBBS
HIGHWAY/HIGHWAY 180 AND COUNTY ROAD 27-A/ MARATHON
ROAD LOCATED IN THE NW 1/4 OF SECTION 25, T19S, R34E,
N.M.P.M. TO THE PROPOSED LOCATION IS APPROXIMATELY 11.6
MILES.

DRAWN BY: L.S.	REVISED: 00-00-00		CIMAREX ENERGY CO.
DATE DRAWN: 01-16-14			
 Corporate Office * 85 South 200 East Vernal, UT 84078 * (435) 789-1017		LEA 7 FEDERAL COM #2H SECTION 7, T20S, R35E, N.M.P.M. 379' FSL 1730' FWL	
		ROAD DESCRIPTION EXHIBIT J	

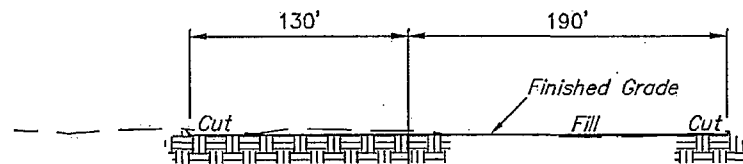




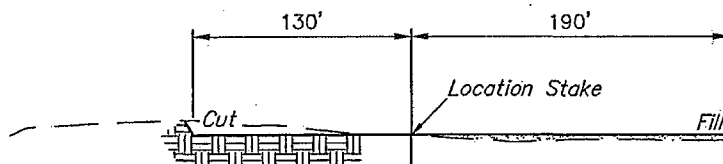




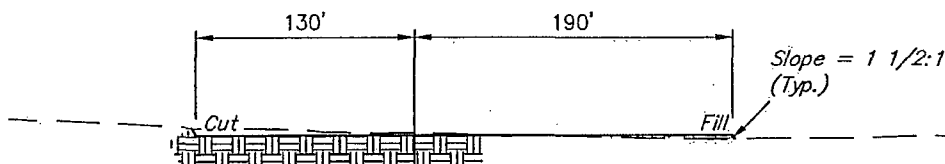
1" = 40'
X-Section
Scale
1" = 100'



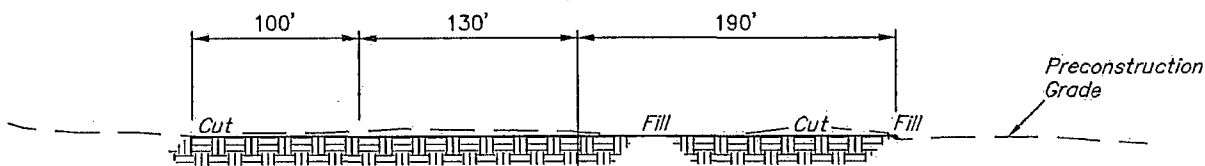
STA. 3+80



STA. 1+90



STA. 1+00



STA. 0+00

APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(3") TOPSOIL STRIPPING	1,220 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	1,840 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.032
TOTAL CUT	3,060 Cu. Yds.	ACCESS ROAD DISTURBANCE	±15.01'	±0.010
FILL	1,840 Cu. Yds.	PIPELINE DISTURBANCE	±755.10'	±0.173
EXCESS MATERIAL	1,220 Cu. Yds.			
TOPSOIL	1,220 Cu. Yds.			
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.	TOTAL SURFACE USE AREA	±770.11'	±3.215

NOTES:

- Fill quantity includes 5% for compaction.



CIMAREX ENERGY CO.

LEA 7 FEDERAL COM #2H
SECTION 7, T20S, R35E, N.M.P.M.
379' FSL 1730' FWL



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

DRAWN BY: C.A.G.

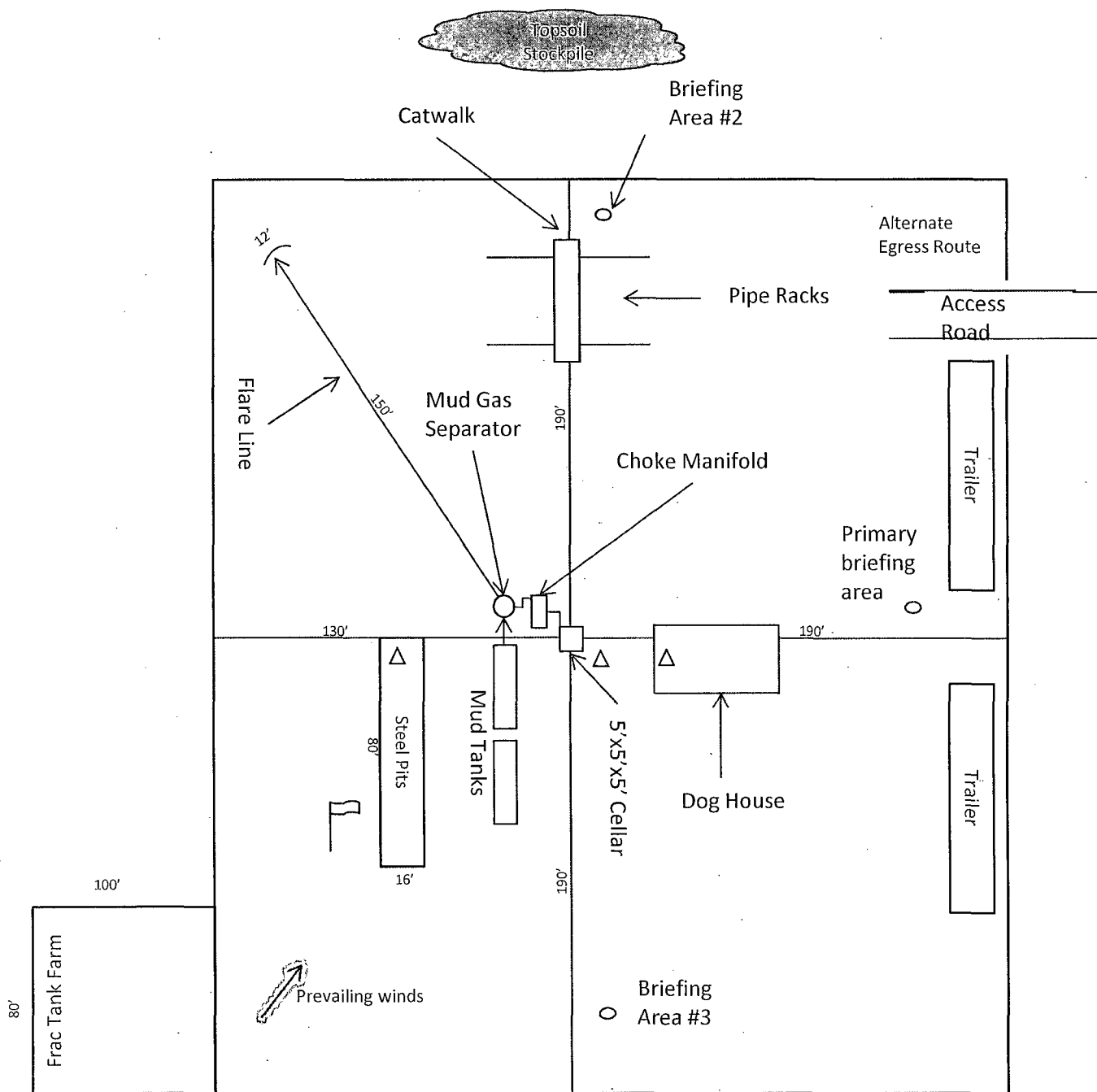
SCALE: 1" = 60'

DATE: 01-21-14

REVISED:

TYPICAL CROSS SECTIONS

EXHIBIT D



Wind Direction Indicators
(wind sock or streamers)



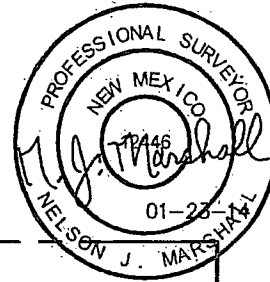
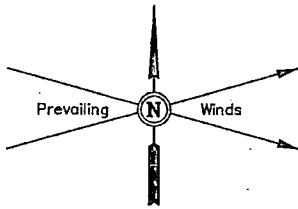
• H2S Monitors
(alarms at bell nipple and shale shaker)



Briefing Areas



Exhibit D – Rig Diagram
Lea 7 Federal Com #2H
Cimarex Energy Co.
7-20S-35E
SHL 379 FSL & 1730 FWL
BHL 330 FNL & 1980 FWL
Lea County, NM



Proposed Access for the
LEA 7 FEDERAL COM #1H

Proposed Access Road

Topsoil Stockpile

Proposed
Well Head

Frac Pad

600' X 600'
Archaeological Survey
Boundary

SECTION 7
SECTION 18

NOTES:



CIMAREX ENERGY CO.

LEA 7 FEDERAL COM #2H
SECTION 7, T20S, R35E, N.M.P.M.
379' FSL 1730' FWL



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

DRAWN BY: C.A.G.

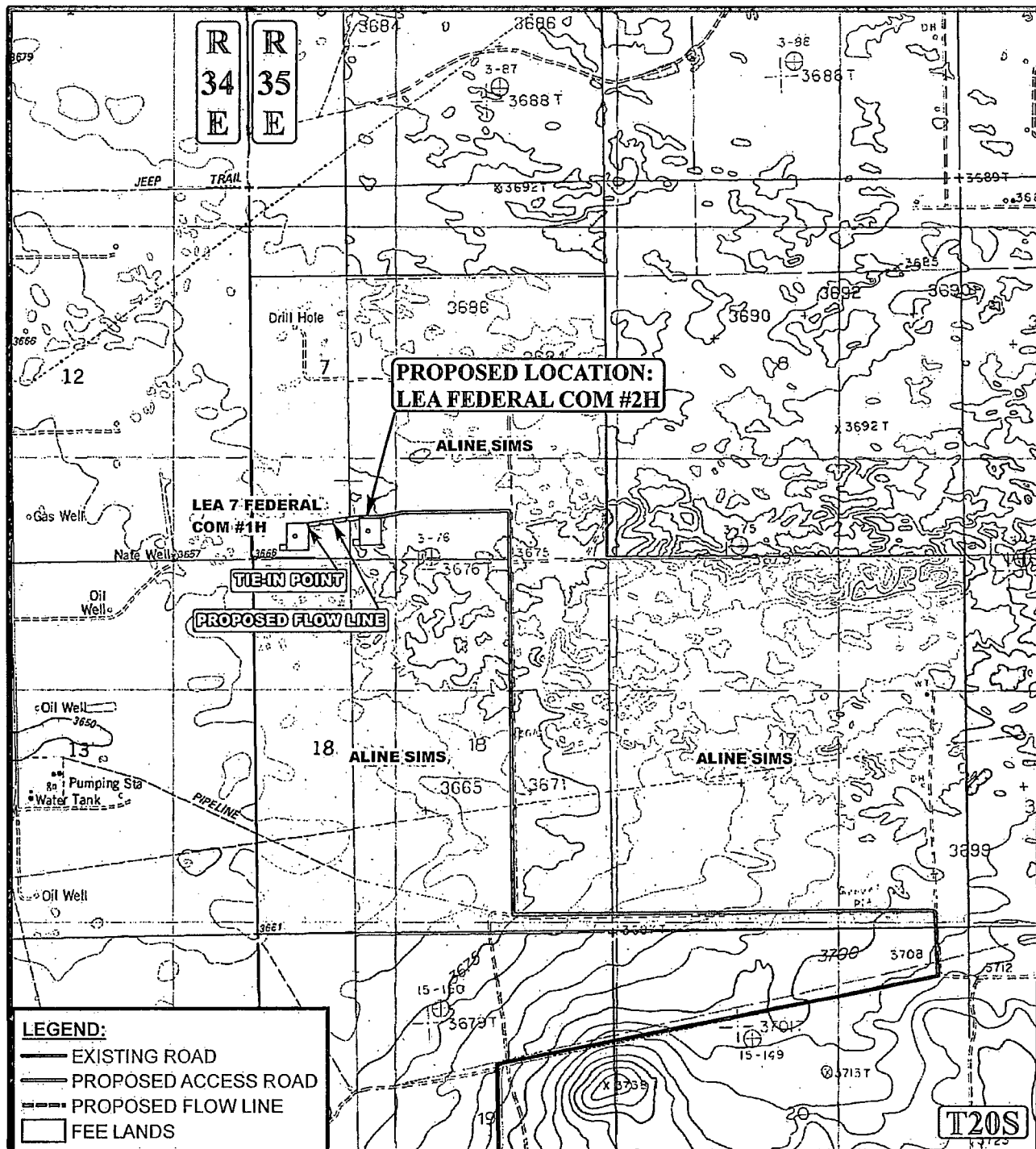
SCALE: 1" = 100'

DATE: 01-21-14

REVISED:

**ARCHAEOLOGICAL SURVEY
BOUNDARY**

EXHIBIT D



APPROXIMATE TOTAL FLOW LINE DISTANCE = 755' +/-

*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: 12-06-13

N



CIMAREX ENERGY CO.

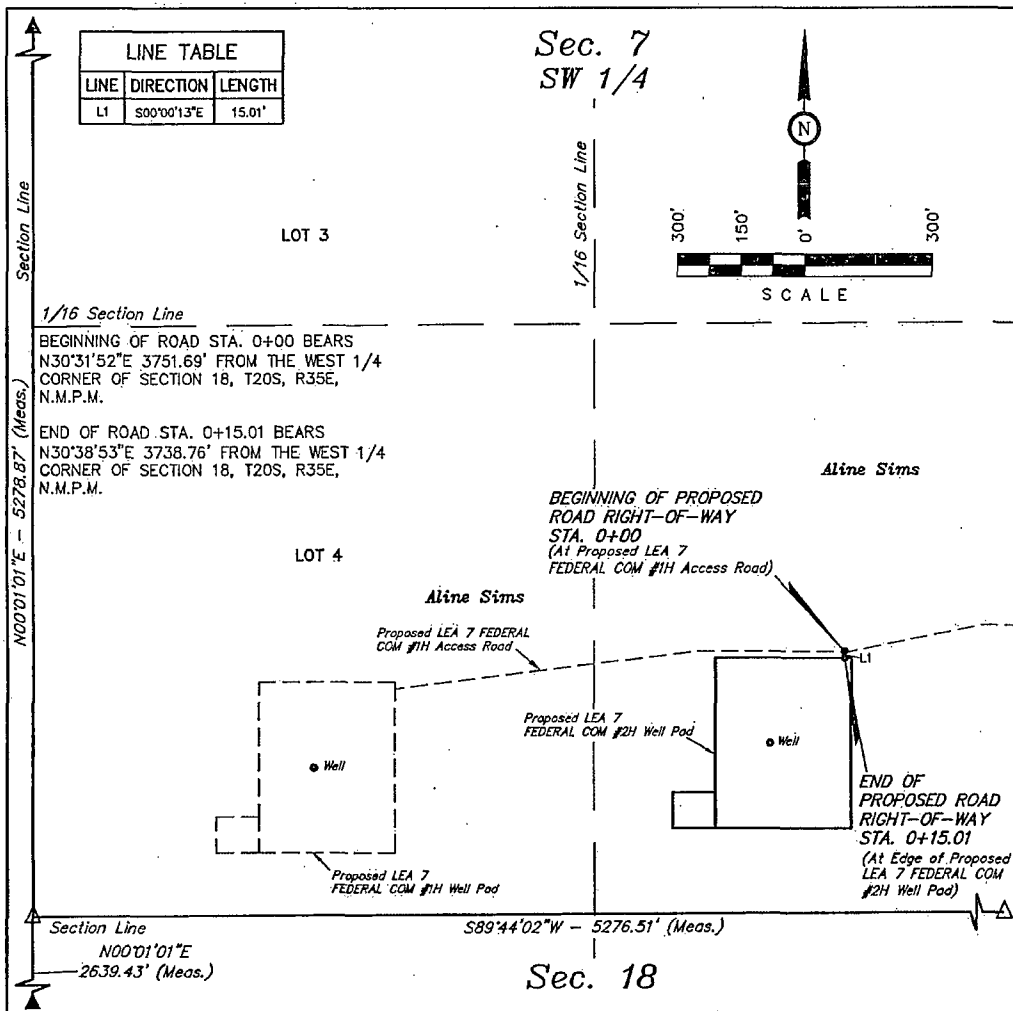
LEA 7 FEDERAL COM #2H
SECTION 7, T20S, R35E, N.M.P.M.
379' FSL 1730' FWL



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

FLOW LINE MAP

EXHIBIT C



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 SE 1/4 SW 1/4 OF SECTION 7, T20S, R35E, N.M.P.M., WHICH BEARS N30°31'52"E 3751.69' FROM THE WEST 1/4 CORNER OF SECTION 18, T20S, R35E, N.M.P.M., THENCE S00°00'13"E 15.01' TO A POINT SE 1/4 SW 1/4 OF SAID SECTION 7, WHICH BEARS N30°38'53"E 3738.76' FROM THE WEST 1/4 CORNER OF SAID SECTION 18. 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 0.010 ACRES MORE OR LESS.



TYPICAL
RIGHT-OF-WAY
DETAIL
No Scale

RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
ALINE SIMS LANDS	15.01	0.010	0.91

▲ = SECTION CORNERS LOCATED.

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

CERTIFICATE OF PROFESSIONAL SURVEY

THIS IS TO CERTIFY THAT THE ABOVE MAP 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.

12446
Robert J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446, STATE OF NEW MEXICO
01-23-14

NOTES:

- * The maximum grade of existing ground for the proposed access road is ±4%.



CIMAREX ENERGY CO.

LEA 7 FEDERAL COM #2H
SECTION 7, T20S, R35E, N.M.P.M.
379' FSL 1730' FWL

DRAWN BY: C.A.G.

SCALE: 1" = 300'

DATE: 01-20-14

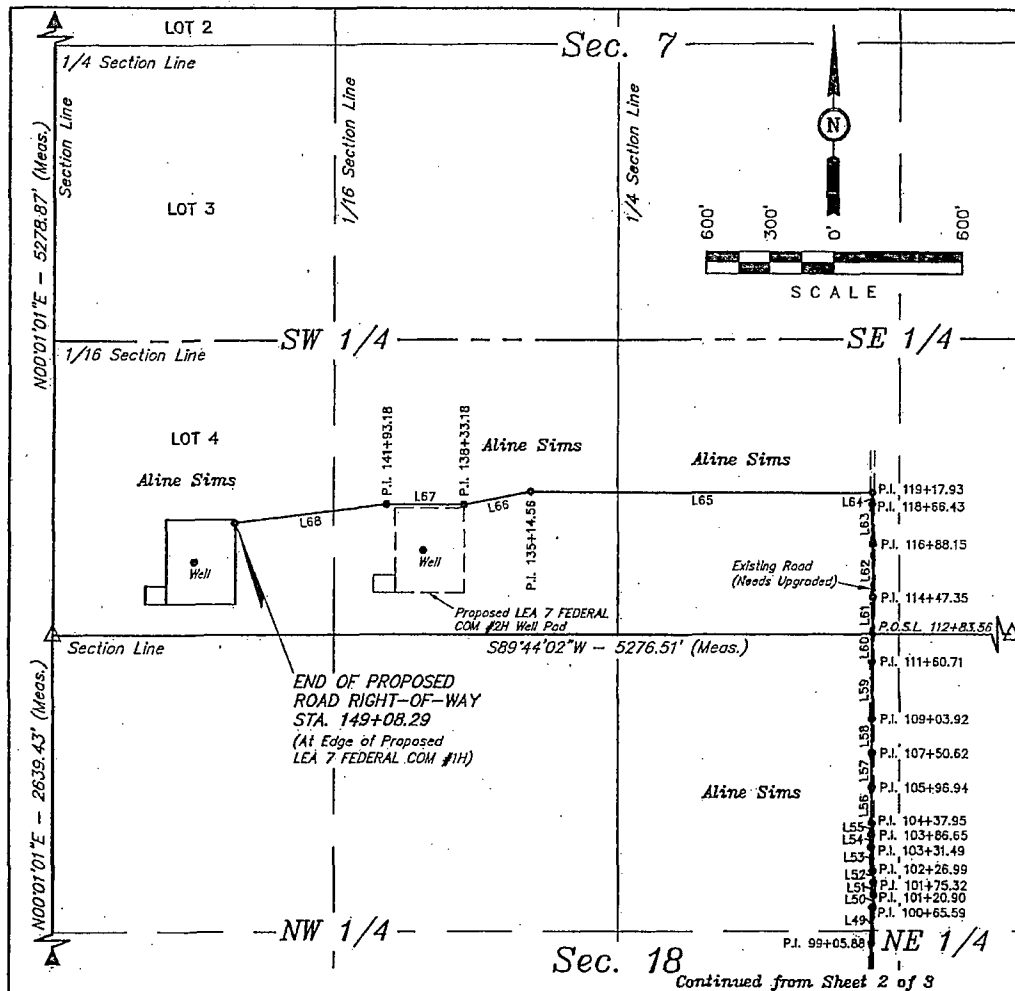
REVISED:

ROAD R.O.W.

EXHIBIT C-4



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



▲ = SECTION CORNERS LOCATED.

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

P.O.S.L. 112+83.56 BEARS N55°15'13"E
4662.25' FROM THE WEST 1/4 CORNER OF
SECTION 18, T20S, R35E, N.M.P.M.

END OF ROAD STA. 149+08.29 BEARS
N15°07'39"E 3260.14' FROM THE WEST 1/4
CORNER OF SECTION 18, T20S, R35E,
N.M.P.M.



TYPICAL
RIGHT-OF-WAY
DETAIL
No Scale

LINE TABLE			LINE TABLE		
LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH
L49	N01°51'52"E	159.71'	L59	N00°17'09"E	256.79'
L50	N04°46'59"E	55.31'	L60	N00°36'08"E	122.85'
L51	N00°46'45"W	54.42'	L61	N00°36'08"E	163.80'
L52	N04°24'03"W	51.67'	L62	N00°22'09"W	240.79'
L53	N01°55'08"W	104.49'	L63	N00°16'51"W	178.28'
L54	N00°01'56"W	55.16'	L64	N00°17'28"E	51.50'
L55	N02°20'49"E	51.30'	L65	N89°59'56"W	1596.63'
L56	N00°13'14"W	158.99'	L66	S79°07'49"W	318.63'
L57	N00°04'16"E	153.69'	L67	S89°59'44"W	360.00'
L58	N00°12'47"W	153.30'	L68	S83°13'39"W	715.11'

NOTES:

- The maximum grade of existing ground for the proposed access road is ±4%.

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO

01-21-14
SHEET 3 of 3

CIMAREX

CIMAREX ENERGY CO.

LEA 7 FEDERAL COM #1H
SECTION 7, T20S, R35E, N.M.P.M.
330' FSL 660' FWL

DRAWN BY: C.A.G.

SCALE: 1" = 600'

DATE: 01-20-14

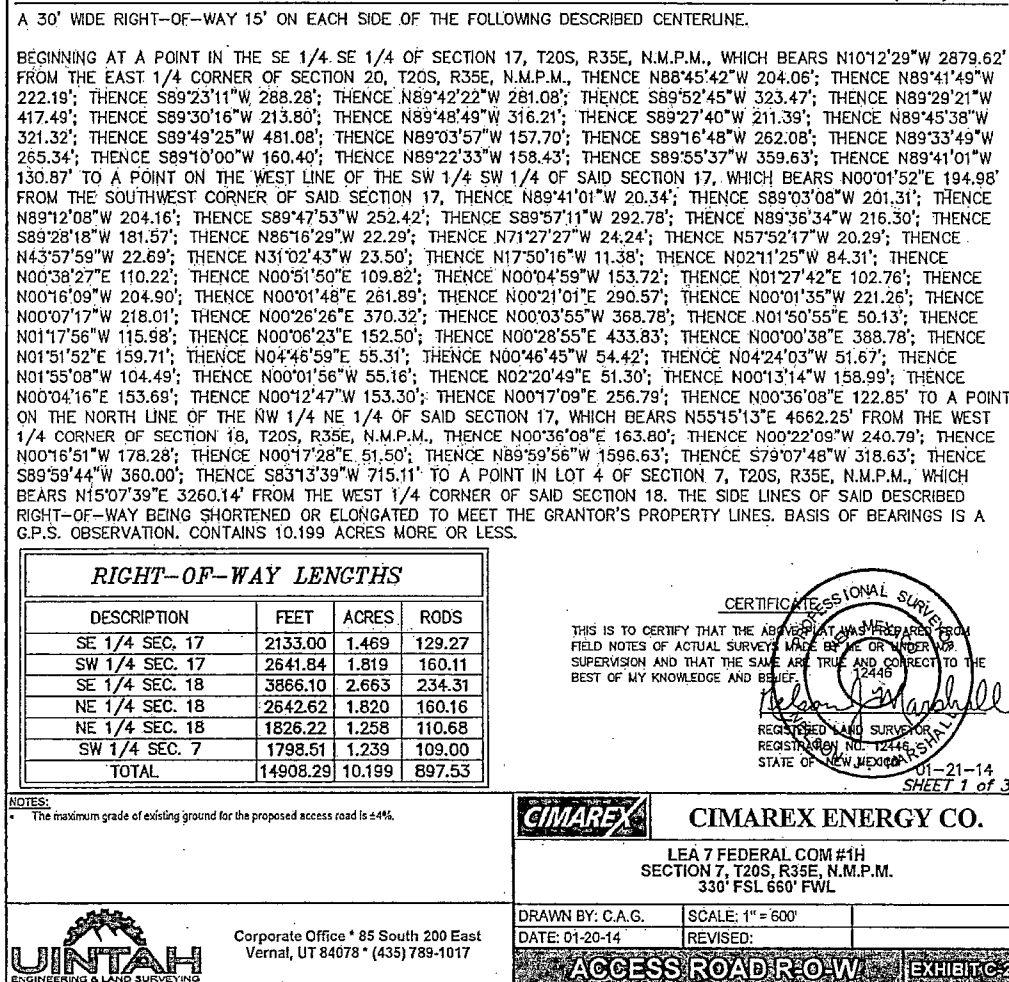
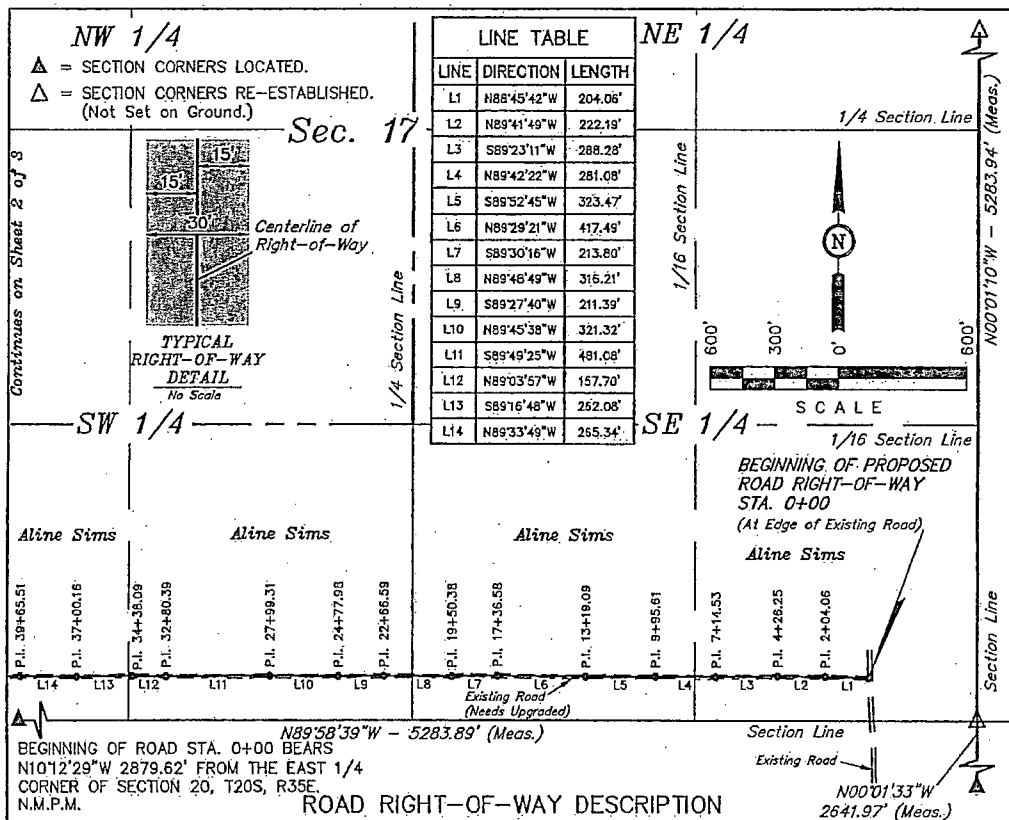
REVISED:

ACCESS ROAD R.O.W.

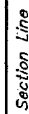
EXHIBIT C-2



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



Sec. 7
SW 1/4



LOT 3

1/16 Section Line

1/16 Section Line

BEGINNING OF FLOW LINE CORRIDOR
STA. 0+00 BEARS N26°29'44"E 3588.40'
FROM THE WEST 1/4 CORNER OF SECTION
18, T20S, R35E, N.M.P.M.

END OF FLOW LINE CORRIDOR STA. 7+55.10
BEARS N15°13'11"E 3240.83' FROM THE WEST
1/4 CORNER OF SECTION 18, T20S, R35E,
N.M.P.M.

LOT 4

END OF PROPOSED FLOW LINE
CORRIDOR RIGHT-OF-WAY
STA. 7+55.10
(At Edge of Proposed LEA 7
FEDERAL COM #1H Well Pad)

Aline Sims

Proposed LEA 7 FEDERAL
COM #TH Access Road

BEGINNING OF PROPOSED FLOW
LINE CORRIDOR RIGHT-OF-WAY
STA. 0+00
(At Edge of Proposed LEA 7
FEDERAL COM #2H Well Pad)

Aline Sims

Proposed LEA 7 FEDERAL
COM #2H Access Road

Proposed LEA 7
FEDERAL COM #1H Well Pad

Proposed LEA 7
FEDERAL COM 2H Well Pad

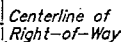
Section Line

N00°01'01"E
639.43' (Meas.)

S89°44'02"W - 5276.51' (Meas.)

A 10' WIDE RIGHT-OF-WAY 5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 SW 1/4 OF SECTION 7, T20S, R35E, N.M.P.M., WHICH BEARS N26°29'44"E 3588.40' FROM THE WEST 1/4 CORNER OF SECTION 18, T20S, R35E, N.M.P.M., THENCE N89°56'13"W 40.05'; THENCE S83°13'23"W 715.05' TO A POINT IN LOT 4 OF SAID SECTION 7, WHICH BEARS N15°13'11"E 3240.83' FROM THE WEST 1/4 CORNER OF SAID SECTION 18. 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 0.173 ACRES MORE OR LESS.



**TYPICAL
RIGHT-OF-WAY
DETAIL**
No. Scale

DESCRIPTION	FEET	ACRES	RODS
ALINE SIMS LANDS	755.10	0.173	45.76

▲ = SECTION CORNERS LOCATED.

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

CERTIFICATE PROFESSIONAL SURV

THIS IS TO CERTIFY THAT THE ABOVE 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 12448
STATE OF NEW MEXICO

NOTES:

NOTES:

- The proposed flow line corridor contains 2 lines (1 gathering line and 1 gas lift line).



CIMAREX ENERGY CO.

LEA 7 FEDERAL COM #2H
SECTION 7, T20S, R35E, N.M.P.M.
379' FSL 1730' FWL

DRAWN BY: C.A.G.

SCALE: 1" = 300'

DATE: 01-20-14

REVISÉ:

FLOW LINE R-O-W

EXHIBIT G-1



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