

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		WC-029 G-08 5203506D	
⁴ Property Code 317878		⁵ Property Name LEA 7 FEDERAL COM			⁶ Well Number #2H
⁷ OGRID No. 215099		⁸ Operator Name CIMAREX ENERGY CO.			⁹ Elevation 3672'

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

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.

SCALE
DRAWN: 01-21-14 C.A.G.

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

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

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

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.

Hope Knauls 5/10/14
Signature Date

Hope Knauls
Printed Name

hknauls@cimarex.com
E-mail Address

SURVEYOR CERTIFICATION

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

April 22, 2013
Date of Survey

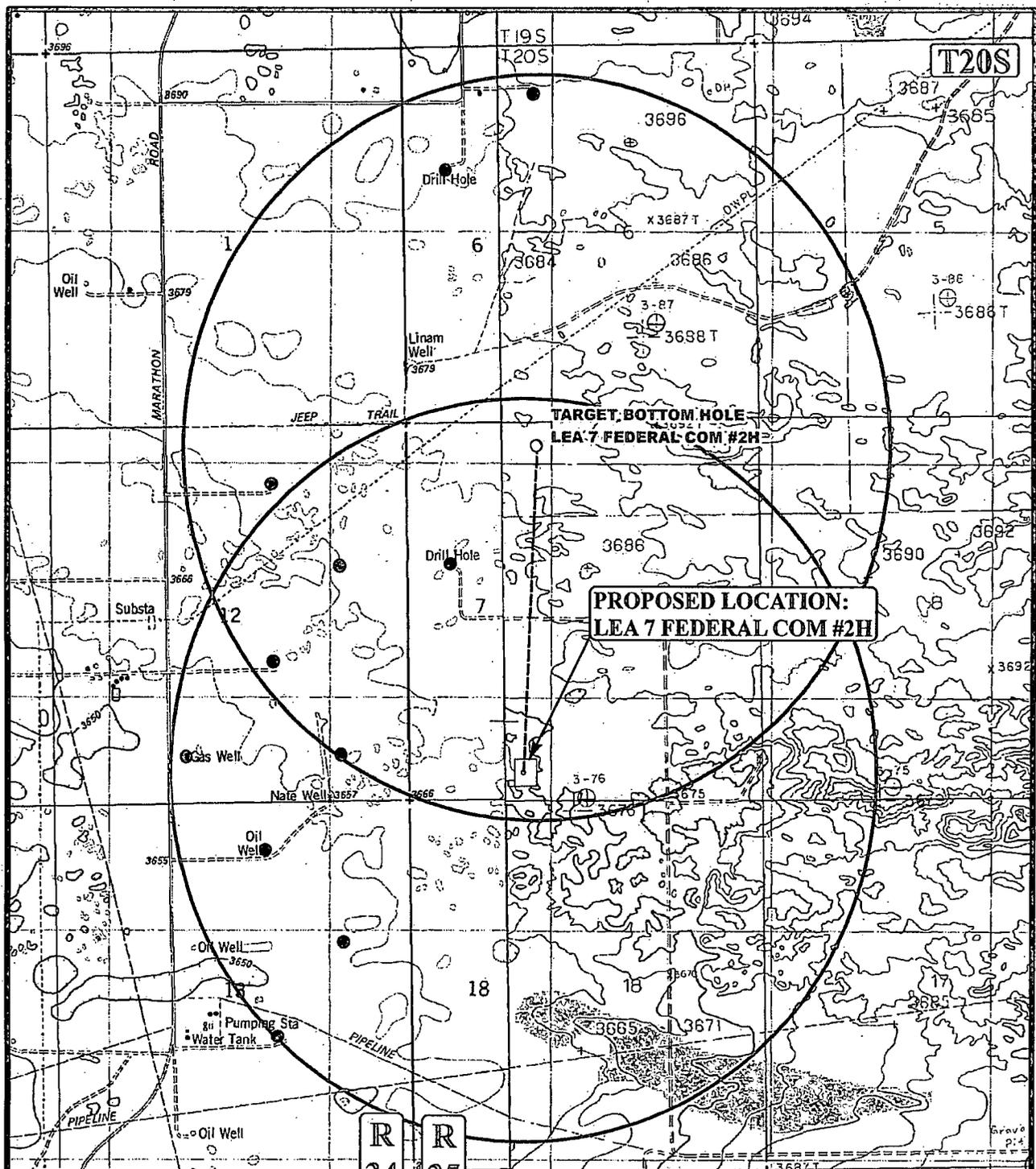
Signature and Seal of Professional Surveyor:

Certificate Number:

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	



LEGEND:
 ● EXISTING WELL

R
34
E

R
35
E

SCALE: 1" = 2000'	REV: 00-00-00
DRAWN BY: L.S.	
DATE DRAWN: 01-16-14	



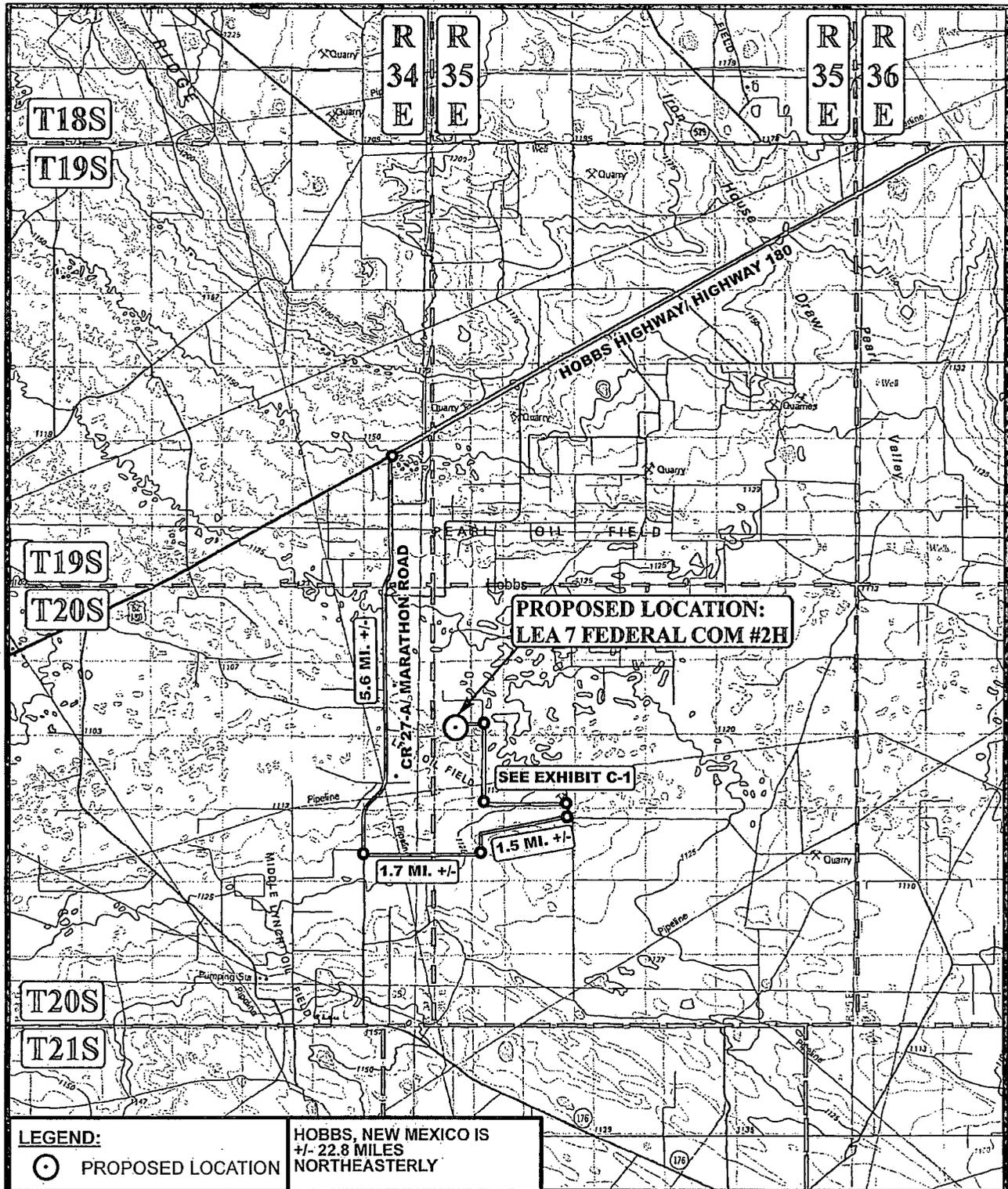
CIMAREX CIMAREX ENERGY CO.

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

ONE MILE RADIUS PLAT EXHIBIT A



LEGEND:
 ○ PROPOSED LOCATION
 HOBBS, NEW MEXICO IS
 +/- 22.8 MILES
 NORTHEASTERLY

SCALE: 1:100,000	REV: 00-00-00
DRAWN BY: L.S.	
DATE DRAWN: 01-16-14	



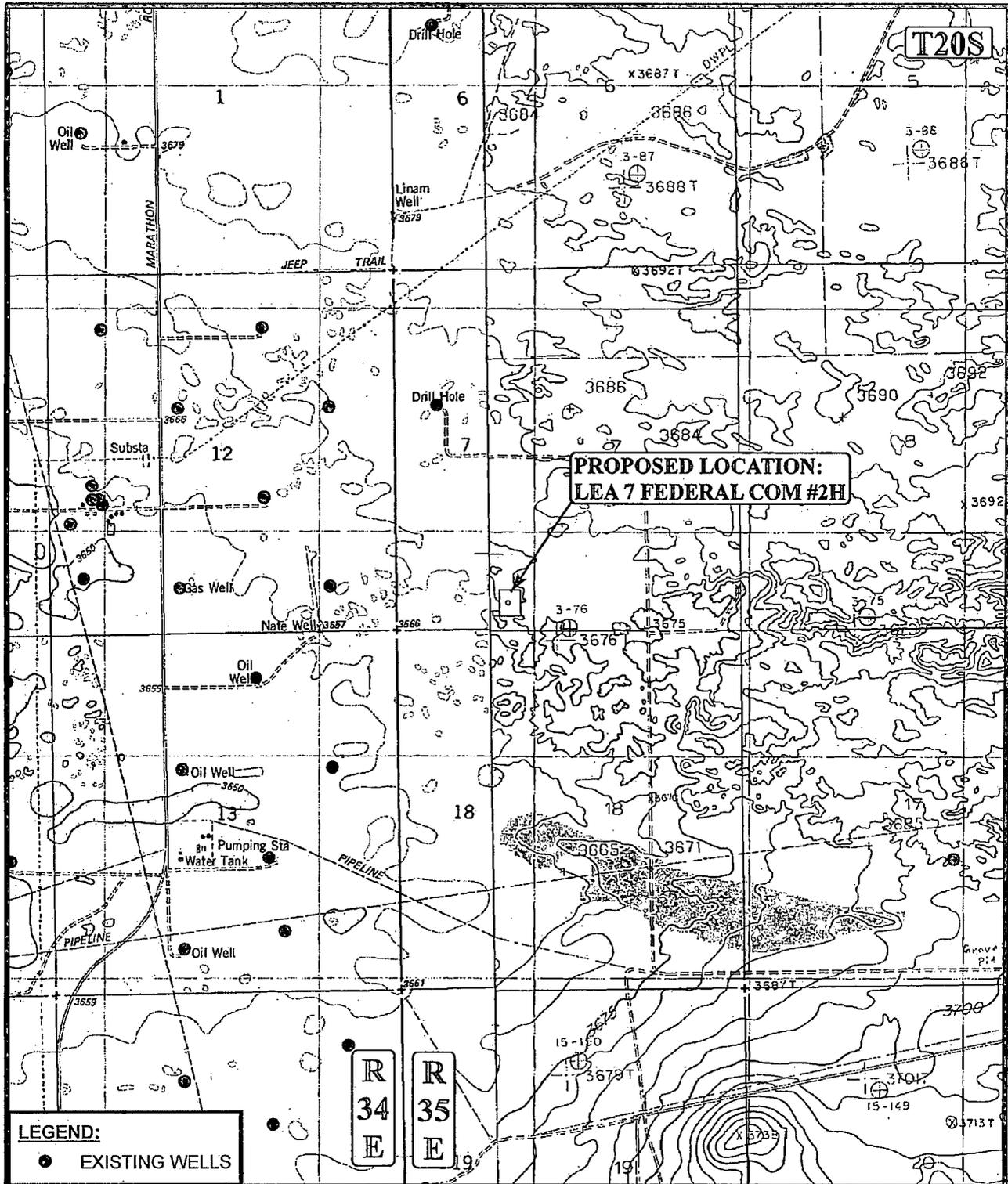
CIMAREX CIMAREX ENERGY CO.

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

PUBLIC ACCESS ROAD MAP EXHIBIT B



LEGEND:
 ● EXISTING WELLS

SCALE: 1" = 2000'	REVISED: 00-00-00
DRAWN BY: L.S.	
DATE DRAWN: 01-16-14	



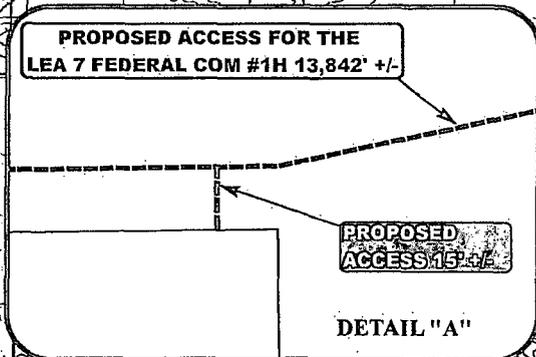
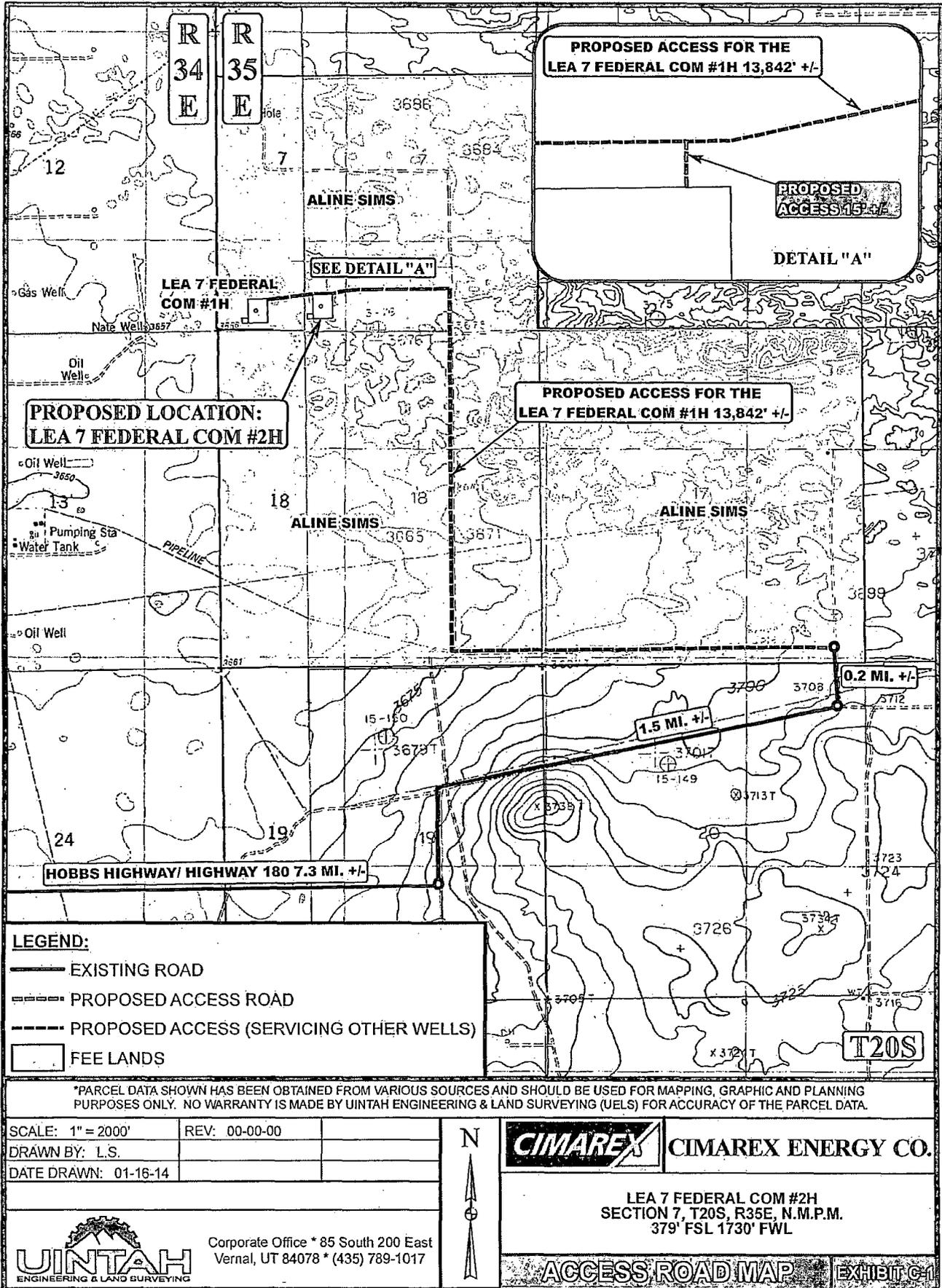
CIMAREX / **CIMAREX ENERGY CO.**

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

USGS TOPOGRAPHIC MAP, EXHIBIT C



PROPOSED LOCATION: LEA 7 FEDERAL COM #2H

PROPOSED ACCESS FOR THE LEA 7 FEDERAL COM #1H 13,842' +/-

LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- - - PROPOSED ACCESS (SERVICING OTHER WELLS)
- FEE 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 UINTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000' REV: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 01-16-14



CIMAREX **CIMAREX ENERGY CO.**

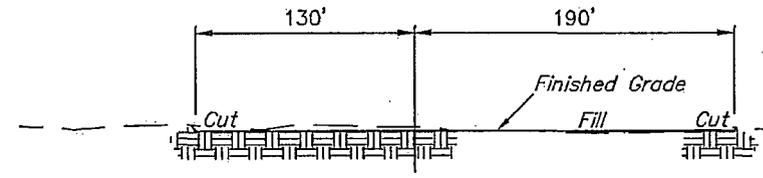
LEA 7 FEDERAL COM #2H
SECTION 7, T20S, R35E, N.M.P.M.
379' FSL 1730' FWL



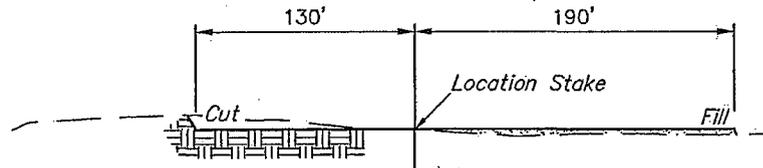
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

ACCESS ROAD MAP EXHIBIT C-1

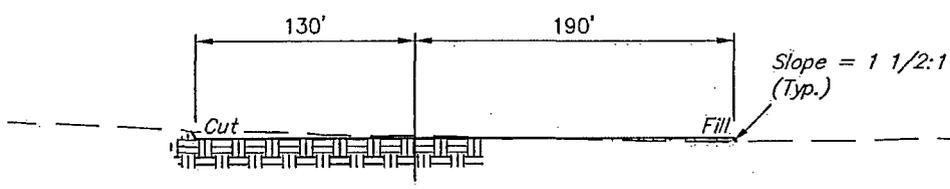
1" = 40'
 X-Section
 Scale
 1" = 100'



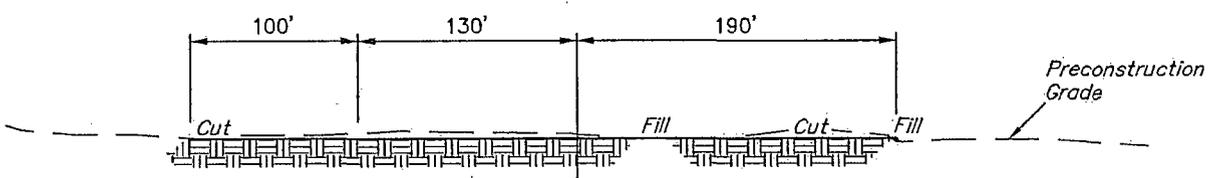
STA. 3+80



STA. 1+90



STA. 1+00



STA. 0+00

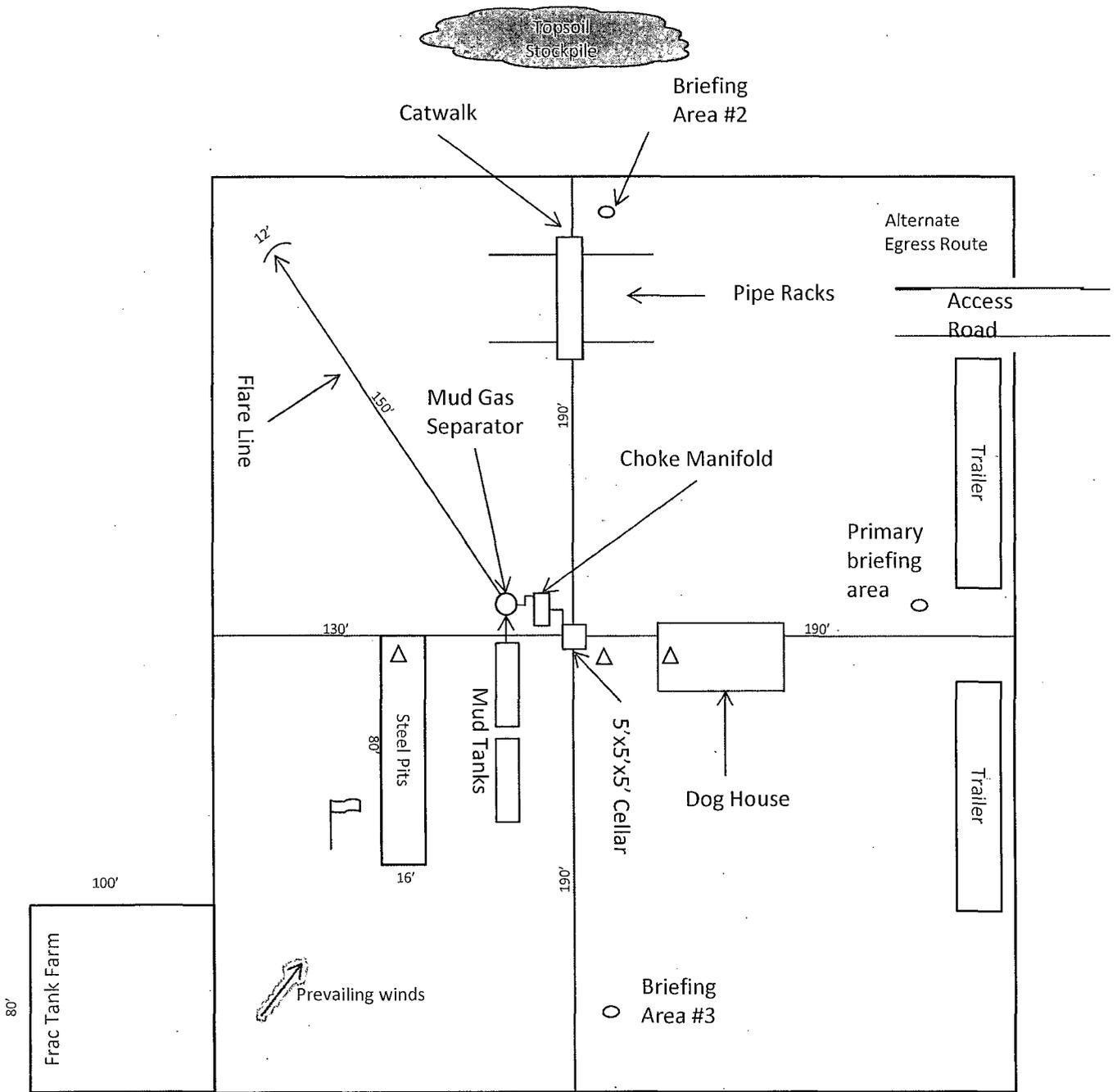
APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS	
(3") TOPSOIL STRIPPING	1,220 Cu. Yds.	DISTANCE	ACRES
REMAINING LOCATION	1,840 Cu. Yds.	WELL SITE DISTURBANCE	NA ±3.032
TOTAL CUT	3,060 Cu. Yds.	ACCESS ROAD DISTURBANCE	±15.01' ±0.010
FILL	1,840 Cu. Yds.	PIPELINE DISTURBANCE	±755.10'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

NOTES:
 • Fill quantity includes 5% for compaction.

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

UINTAH
 ENGINEERING & LAND SURVEYING
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

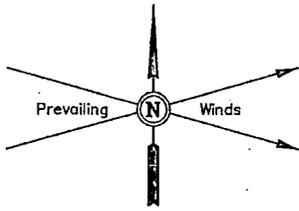
DRAWN BY: C.A.G. SCALE: 1" = 60'
 DATE: 01-21-14 REVISED:
TYPICAL CROSS SECTIONS **EXHIBIT D**



-  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

Topsail 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

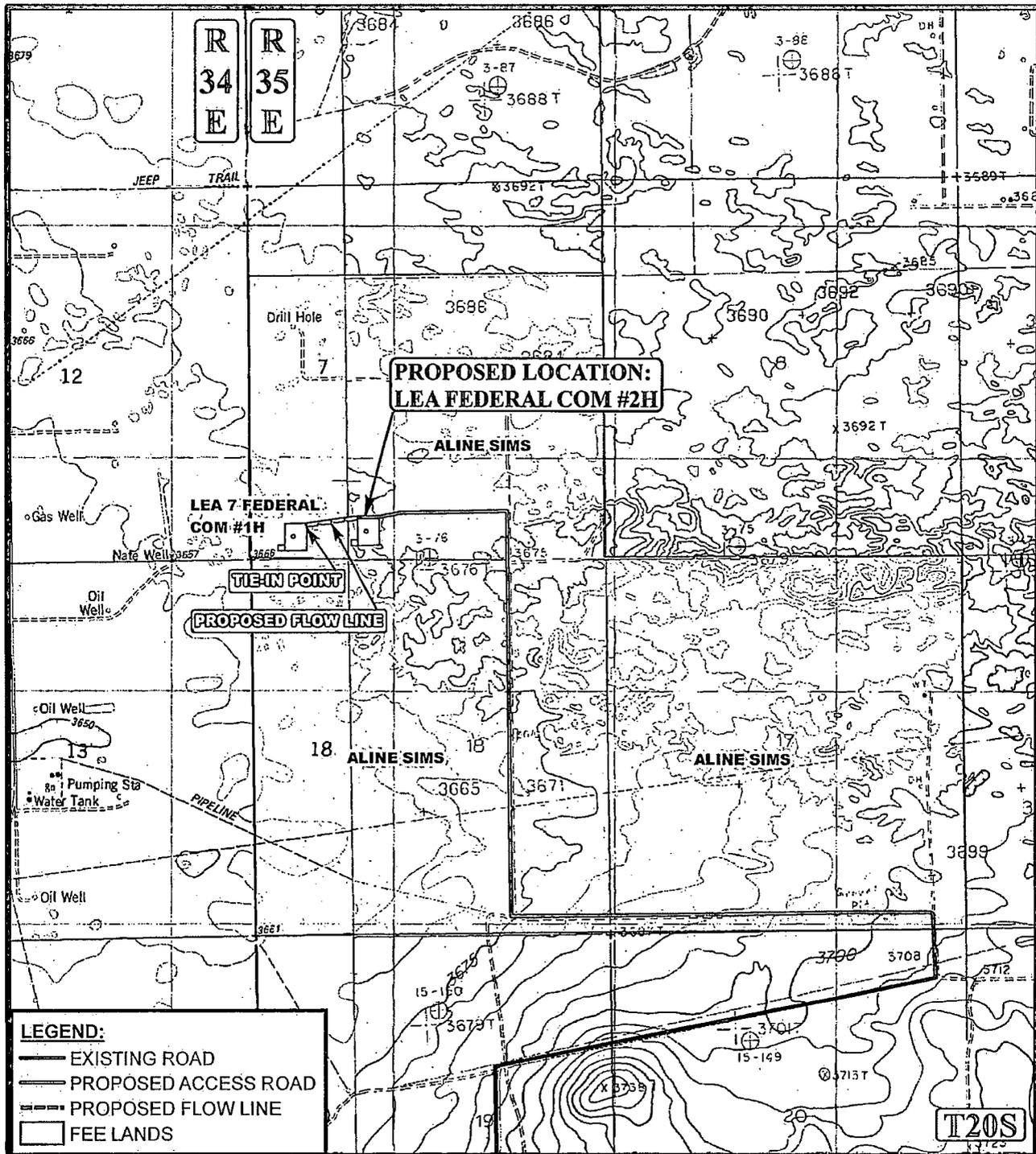


Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: C.A.G.	SCALE: 1" = 100'
DATE: 01-21-14	REVISED:

**ARCHAEOLOGICAL SURVEY
BOUNDARY**

EXHIBIT D



LEGEND:
 — EXISTING ROAD
 — PROPOSED ACCESS ROAD
 - - - PROPOSED FLOW LINE
 □ FEE LANDS

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'
 DRAWN BY: L.S.
 DATE DRAWN: 12-06-13

REVISED: 00-00-00



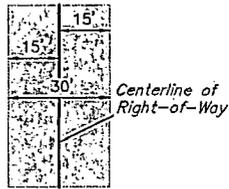
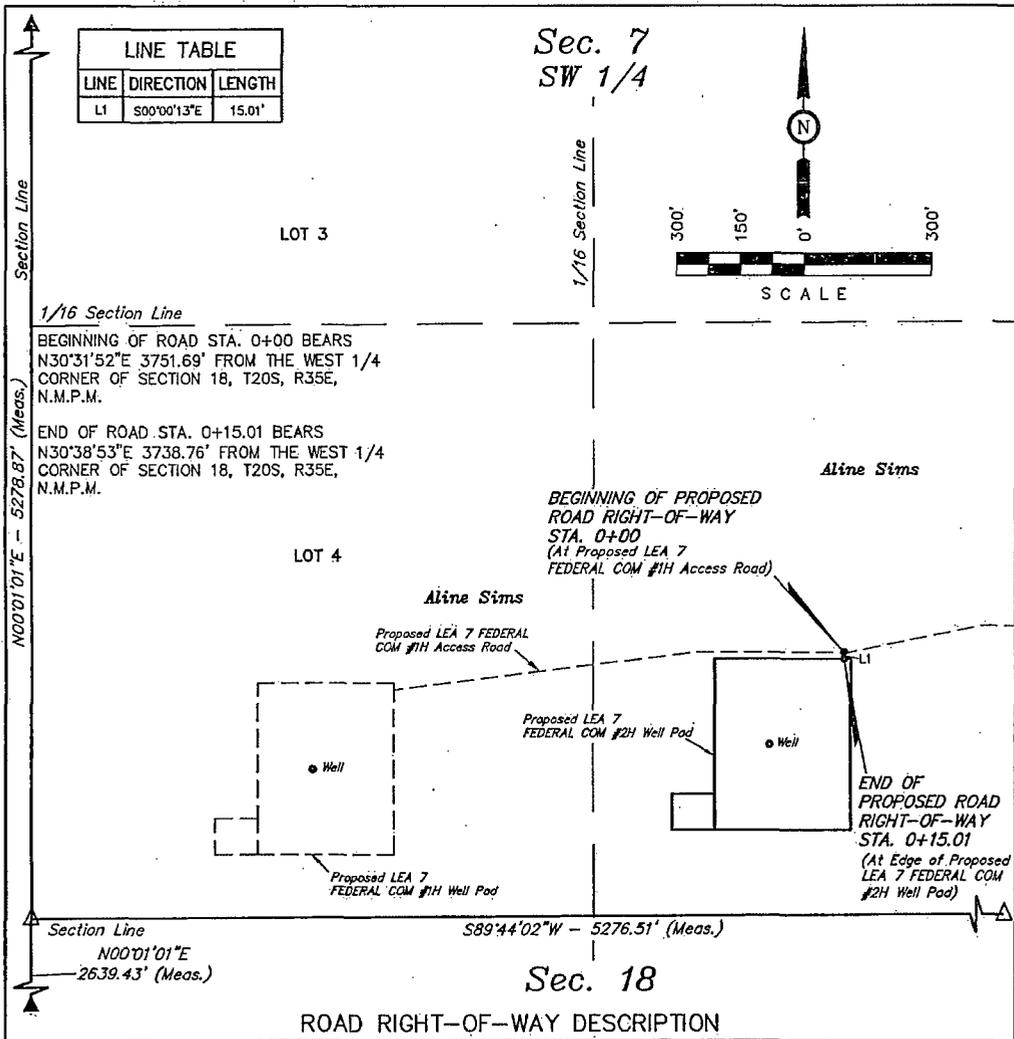
CIMAREX CIMAREX ENERGY CO.

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**



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
 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.

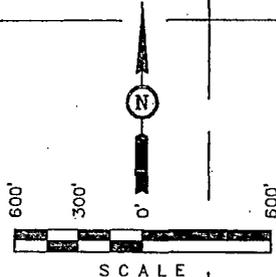
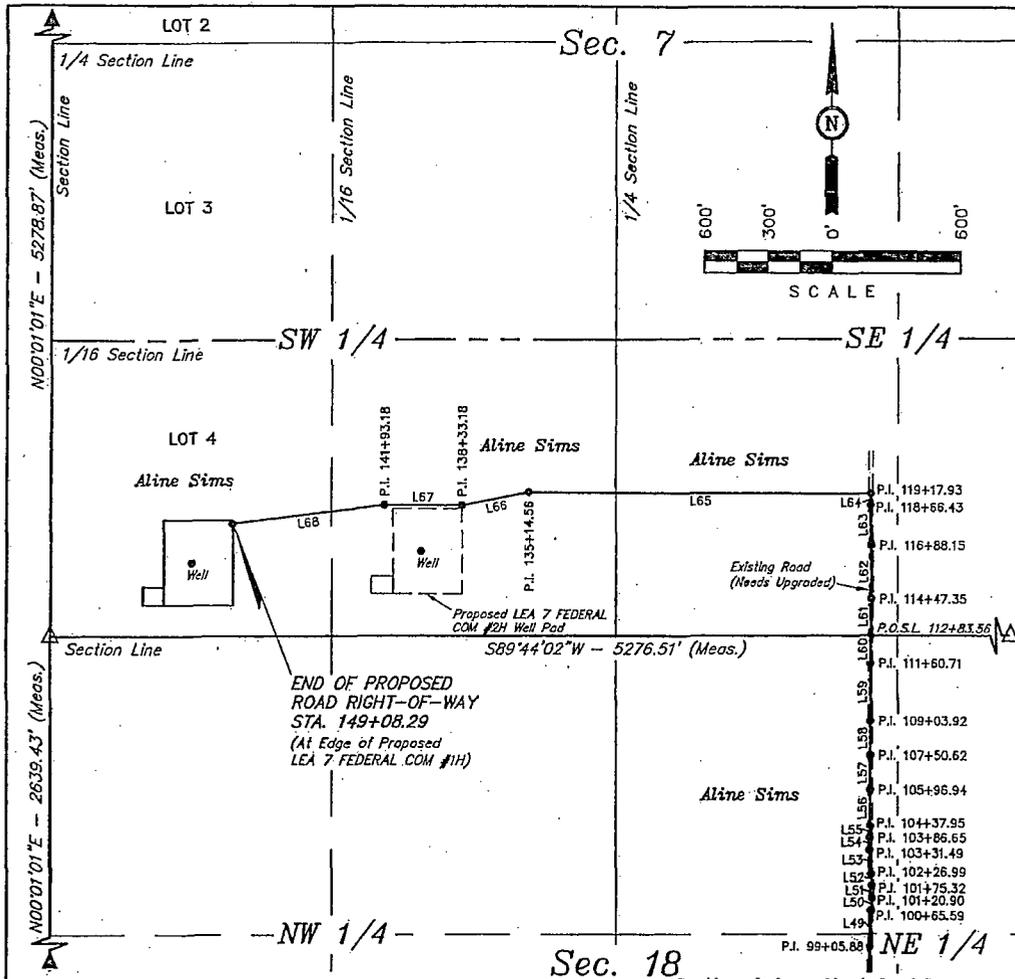
LEA 7 FEDERAL COM #2H
 SECTION 7, T20S, R35E, N.M.P.M.
 379' FSL 1730' FWL

DRAWN BY: C.A.G. SCALE: 1" = 300'
 DATE: 01-20-14 REVISED:

ROAD R.O.W **EXHIBIT C-4**

UINTAH
 ENGINEERING & LAND SURVEYING

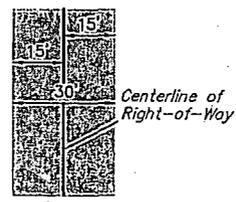
Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017



- ▲ = 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.



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'

CERTIFICATE OF PROFESSIONAL SURVEYOR
 THIS IS TO CERTIFY THAT THE ABOVE PLAN 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
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446, STATE OF NEW MEXICO
 01-21-14
 SHEET 3 of 3

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

CIMAREX ENERGY CO.

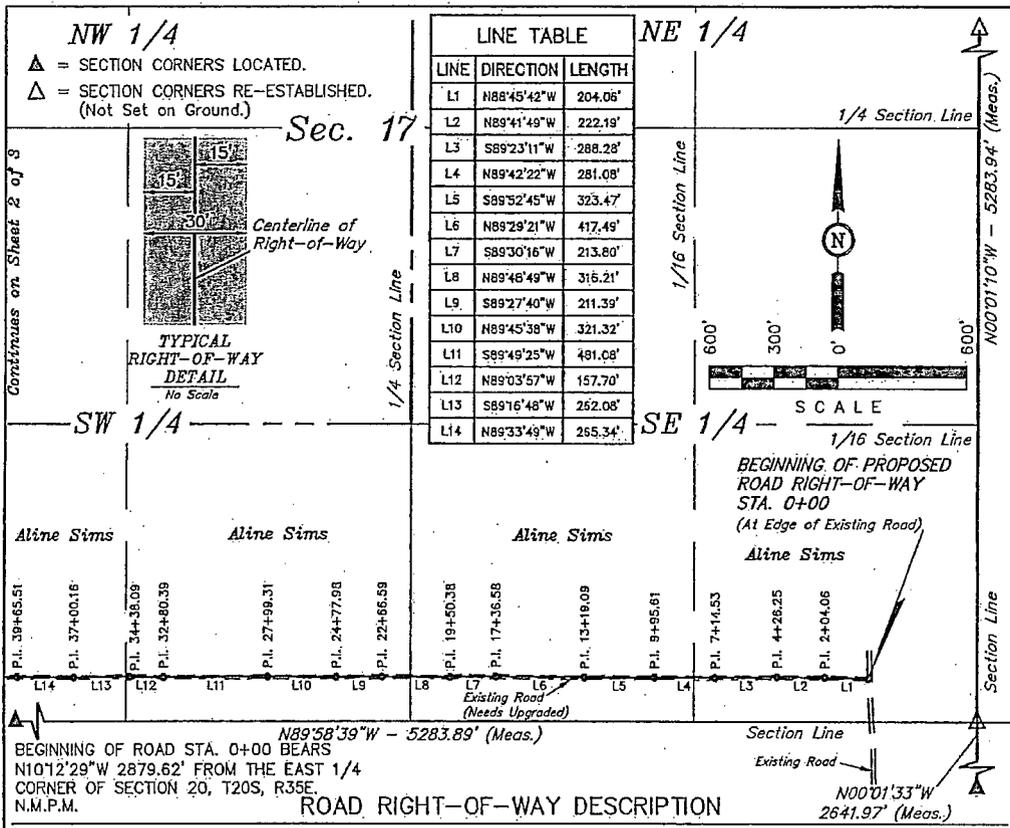
LEA 7 FEDERAL COM #1H
 SECTION 7, T20S, R35E, N.M.P.M.
 330' FSL 660' FWL

DRAWN BY: C.A.G. SCALE: 1" = 600'
 DATE: 01-20-14 REVISED:

ACCESS ROAD R.O.W. EXHIBIT C-2

UINTAH
 ENGINEERING & LAND SURVEYING

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



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N88°45'42"W	204.06'
L2	N89°41'49"W	222.19'
L3	S89°23'11"W	288.28'
L4	N89°42'22"W	281.08'
L5	S89°52'45"W	323.47'
L6	N89°29'21"W	417.49'
L7	S89°30'16"W	213.80'
L8	N89°48'49"W	316.21'
L9	S89°27'40"W	211.39'
L10	N89°45'38"W	321.32'
L11	S89°49'25"W	481.08'
L12	N89°03'57"W	157.70'
L13	S89°16'48"W	262.08'
L14	N89°33'49"W	265.34'

BEGINNING OF ROAD STA. 0+00 BEARS N89°58'39"W - 5283.89' (Meas.)

N10°12'29"W 2879.62' FROM THE EAST 1/4 CORNER OF SECTION 20, T20S, R35E, N.M.P.M.

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, SE 1/4 OF SECTION 17, T20S, R35E, N.M.P.M., WHICH BEARS N10°12'29"W 2879.62' FROM THE EAST 1/4 CORNER OF SECTION 20, T20S, R35E, N.M.P.M., THENCE N88°45'42"W 204.06'; THENCE N89°41'49"W 222.19'; THENCE S89°23'11"W 288.28'; THENCE N89°42'22"W 281.08'; THENCE S89°52'45"W 323.47'; THENCE N89°29'21"W 417.49'; THENCE S89°30'16"W 213.80'; THENCE N89°48'49"W 316.21'; THENCE S89°27'40"W 211.39'; THENCE N89°45'38"W 321.32'; THENCE S89°49'25"W 481.08'; THENCE N89°03'57"W 157.70'; THENCE S89°16'48"W 262.08'; THENCE N89°33'49"W 265.34'; THENCE S89°10'00"W 160.40'; THENCE N89°22'33"W 158.43'; THENCE S89°55'37"W 359.63'; THENCE N89°41'01"W 130.87' TO A POINT ON THE WEST LINE OF THE SW 1/4 SW 1/4 OF SAID SECTION 17, WHICH BEARS N00°01'52"E 194.98' FROM THE SOUTHWEST CORNER OF SAID SECTION 17, THENCE N89°41'01"W 20.34'; THENCE S89°03'08"W 201.31'; THENCE N89°12'08"W 204.16'; THENCE S89°47'53"W 252.42'; THENCE S89°57'11"W 292.78'; THENCE N89°36'34"W 216.30'; THENCE S89°28'18"W 181.57'; THENCE N86°16'29"W 22.29'; THENCE N71°27'27"W 24.24'; THENCE N57°52'17"W 20.29'; THENCE N43°57'59"W 22.69'; THENCE N31°02'43"W 23.50'; THENCE N17°50'16"W 11.38'; THENCE N02°11'25"W 84.31'; THENCE N00°38'27"E 110.22'; THENCE N00°51'50"E 109.82'; THENCE N00°04'59"W 153.72'; THENCE N01°27'42"E 102.76'; THENCE N00°16'09"W 204.90'; THENCE N00°01'48"E 261.89'; THENCE N00°21'01"E 290.57'; THENCE N00°01'35"W 221.26'; THENCE N00°07'17"W 218.01'; THENCE N00°26'26"E 370.32'; THENCE N00°03'55"W 368.78'; THENCE N01°50'55"E 50.13'; THENCE N01°17'56"W 115.98'; THENCE N00°06'23"E 152.50'; THENCE N00°28'55"E 433.83'; THENCE N00°00'38"E 388.78'; THENCE N01°51'52"E 159.71'; THENCE N04°46'59"E 55.31'; THENCE N00°46'45"W 54.42'; THENCE N04°24'03"W 51.67'; THENCE N01°55'08"W 104.49'; THENCE N00°01'56"W 55.16'; THENCE N02°20'49"E 51.30'; THENCE N00°13'14"W 158.99'; THENCE N00°04'16"E 153.69'; THENCE N00°12'47"W 153.30'; THENCE N00°17'09"E 256.79'; THENCE N00°36'08"E 122.85' TO A POINT ON THE NORTH LINE OF THE NW 1/4 NE 1/4 OF SAID SECTION 17, WHICH BEARS N55°15'13"E 4662.25' FROM THE WEST 1/4 CORNER OF SECTION 18, T20S, R35E, N.M.P.M., THENCE N00°36'08"E 163.80'; THENCE N00°22'09"W 240.79'; THENCE N00°16'51"W 178.28'; THENCE N00°17'28"E 51.50'; THENCE N89°59'56"W 1596.63'; THENCE S79°07'48"W 318.63'; THENCE S89°59'44"W 360.00'; THENCE S83°13'39"W 715.11' TO A POINT IN LOT 4 OF SECTION 7, T20S, R35E, N.M.P.M., WHICH BEARS N15°07'39"E 3260.14' 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 10.199 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
SE 1/4 SEC. 17	2133.00	1.469	129.27
SW 1/4 SEC. 17	2641.84	1.819	160.11
SE 1/4 SEC. 18	3866.10	2.663	234.31
NE 1/4 SEC. 18	2642.62	1.820	160.16
NE 1/4 SEC. 18	1826.22	1.258	110.68
SW 1/4 SEC. 7	1798.51	1.239	109.00
TOTAL	14908.29	10.199	897.53

CERTIFICATE OF PROFESSIONAL SURVEY

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE ORIGINAL SURVEY MAP AND 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.

Michael Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO

01-21-14
SHEET 1 of 3

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

CIMAREX ENERGY CO.

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

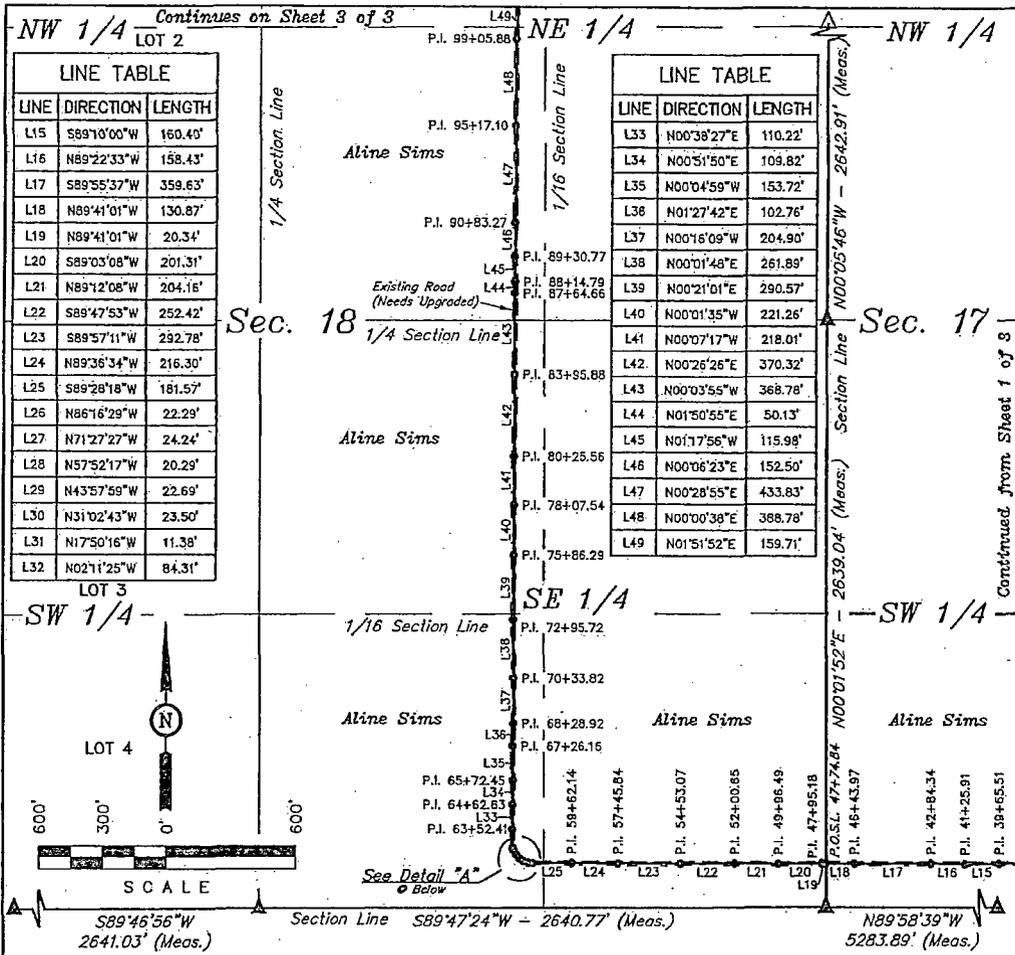
UINTAH
ENGINEERING & LAND SURVEYING

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

DRAWN BY: C.A.G. SCALE: 1" = 600'

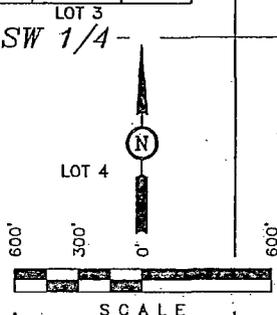
DATE: 01-20-14 REVISED:

ACCESS ROAD R-O-W EXHIBIT C-2



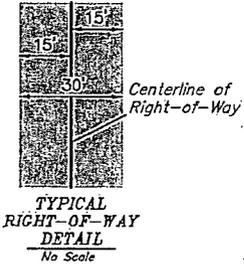
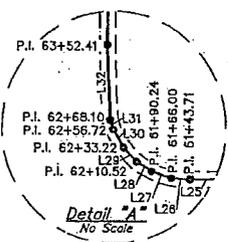
LINE	DIRECTION	LENGTH
L15	S89°10'00"W	160.40'
L16	N89°22'33"W	158.43'
L17	S89°55'37"W	359.63'
L18	N89°41'01"W	130.87'
L19	N89°41'01"W	20.34'
L20	S89°03'08"W	201.31'
L21	N89°12'08"W	204.16'
L22	S89°47'53"W	252.42'
L23	S89°57'11"W	292.78'
L24	N89°36'34"W	216.30'
L25	S89°28'18"W	181.57'
L26	N86°16'29"W	22.29'
L27	N71°27'27"W	24.24'
L28	N57°52'17"W	20.29'
L29	N43°57'59"W	22.69'
L30	N31°02'43"W	23.50'
L31	N17°50'16"W	11.38'
L32	N02°11'25"W	84.31'

LINE	DIRECTION	LENGTH
L33	N00°38'27"E	110.22'
L34	N00°51'50"E	109.82'
L35	N00°04'59"W	153.72'
L36	N01°27'42"E	102.76'
L37	N00°16'09"W	204.90'
L38	N00°01'48"E	261.89'
L39	N00°21'01"E	290.57'
L40	N00°01'35"W	221.26'
L41	N00°07'17"W	218.01'
L42	N00°26'26"E	370.32'
L43	N00°03'55"W	368.78'
L44	N01°50'55"E	50.13'
L45	N01°17'56"W	115.98'
L46	N00°06'23"E	152.50'
L47	N00°28'55"E	433.83'
L48	N00°00'38"E	388.78'
L49	N01°51'52"E	159.71'



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

P.O.S.L. 47+74.84 BEARS N00°01'52"E
 194.98' FROM THE SOUTHWEST CORNER OF
 SECTION 17, T20S, R35E, N.M.P.M.



CERTIFICATE OF PROFESSIONAL SURVEYOR
 THIS IS TO CERTIFY THAT THE ABOVE PLAN 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

 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446 STATE OF NEW MEXICO

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

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

Continued from Sheet 1 of 3

NW 1/4

NE 1/4

NW 1/4

Sec. 17

Sec. 18

SE 1/4

SW 1/4

SW 1/4

1/16 Section Line

1/4 Section Line

1/16 Section Line

Section Line N00°05'46"W - 2642.91' (Meas.)
Section Line N00°01'52"E - 2639.04' (Meas.)
Section Line P.O.S.L. 47+74.84 N00°01'52"E - 194.98' (Meas.)

See Detail "A" Below

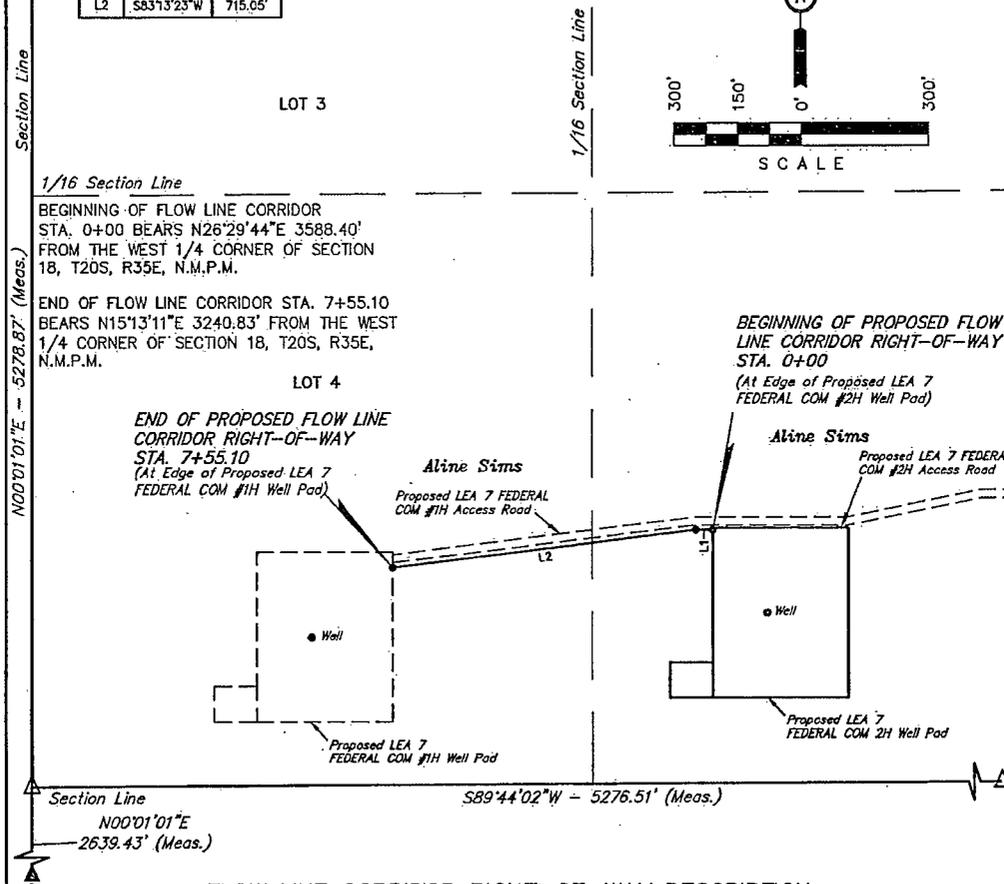
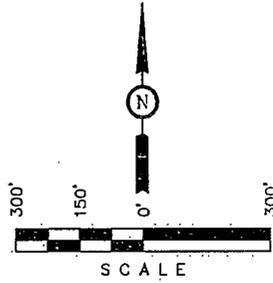
S89°46'56"W
 2641.03' (Meas.)

Section Line S89°47'24"W - 2640.77' (Meas.)

N89°58'39"W
 5283.89' (Meas.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°56'13"W	40.05'
L2	S83°13'23"W	715.05'

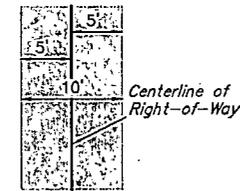
Sec. 7
SW 1/4



FLOW LINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

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

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
ALINE SIMS LANDS	755.10	0.173	45.76

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

CERTIFIED PROFESSIONAL SURVEYOR
THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE ORIGINAL 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.
2448
Deborah J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12448
STATE OF NEW MEXICO 01-23-14

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 REVISED:

UINTAH
ENGINEERING & LAND SURVEYING
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

FLOW LINE R-O-W **EXHIBIT C-1**