

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
MAY 19 2015
☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30025- 42574	² Pool Code 41442	³ Pool Name Lusk; Bone Spring, E.
⁴ Property Code 38371	⁵ Property Name EAST LUSK 15 FEDERAL COM	
⁷ OGRID No. 162683	⁸ Operator Name CIMAREX ENERGY CO. Of Colorado	
		⁶ Well Number #4H
		⁹ Elevation 3642'

¹⁰ Surface Location

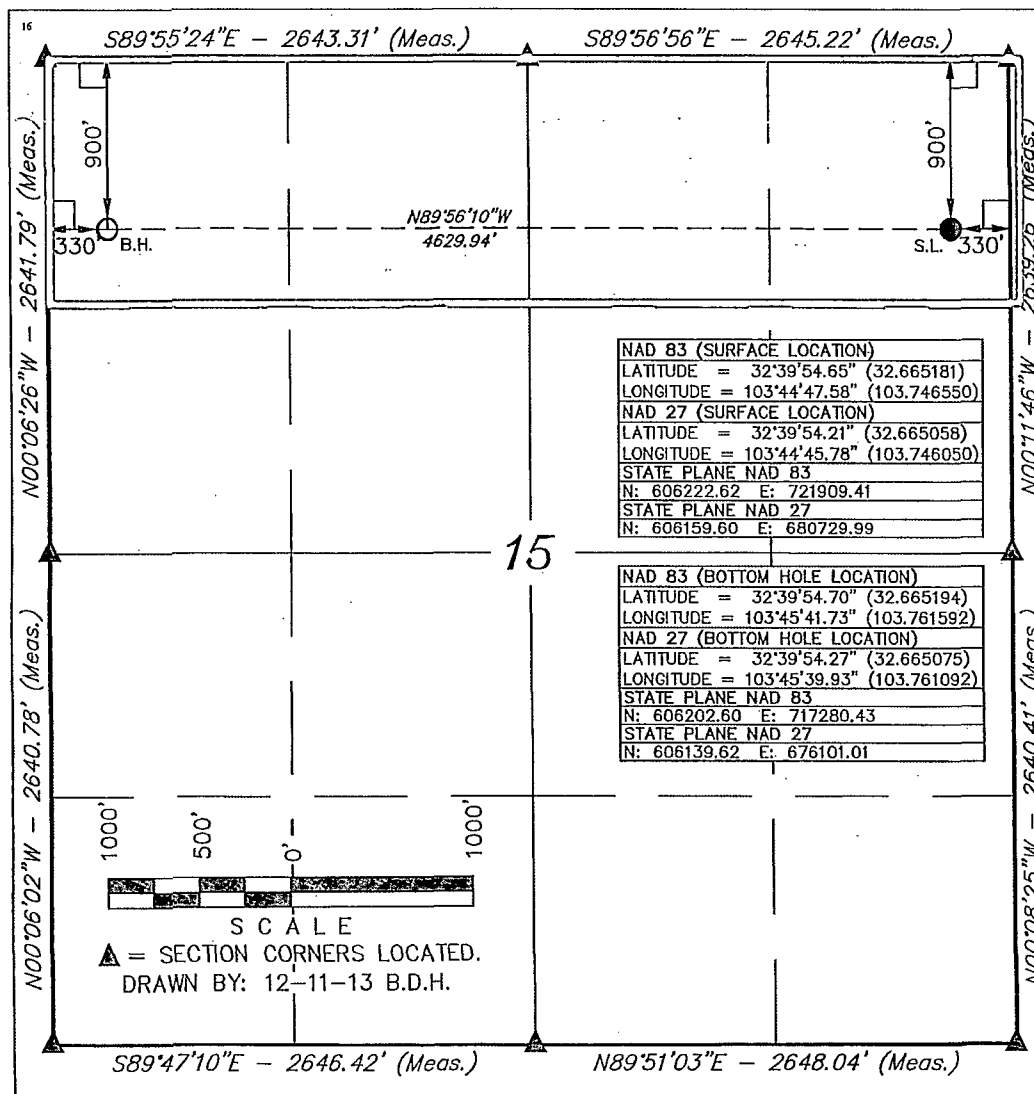
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	19 S	32 E		900	NORTH	330	EAST	LEA

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
D	15	19 S	32 E		900	NORTH	330	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.



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: *Hope Knauls* Date: 12/20/13

Printed Name: Hope Knauls

E-mail Address: hknauls@cimarex.com

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.

NOVEMBER 26, 2013

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:

MAY 20 2015

**R
32
E**

**PROPOSED LOCATION:
EAST LUSK 15
FEDERAL COM #4H**

BOTTOM HOLE 2-8

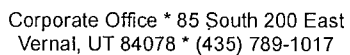
LEGEND:
● EXISTING WELLS

T19S

● EXISTING WELLS

REV: 00-00-00

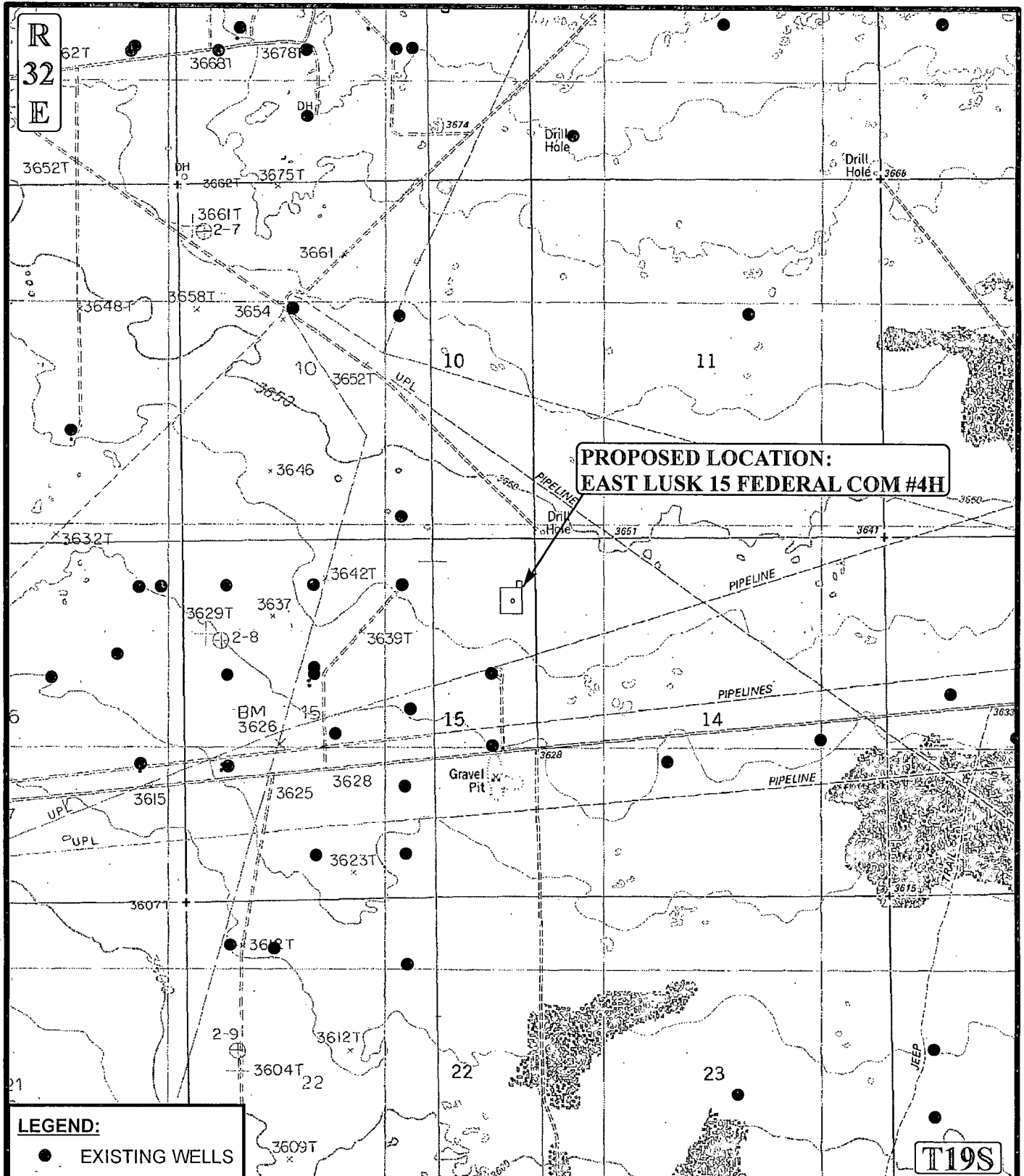
DATE DRAWN: 12-06-13

**CIMAREX ENERGY CO.**

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

ONE MILE RADIUS PLAT

EXHIBIT A



SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 12-06-13



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

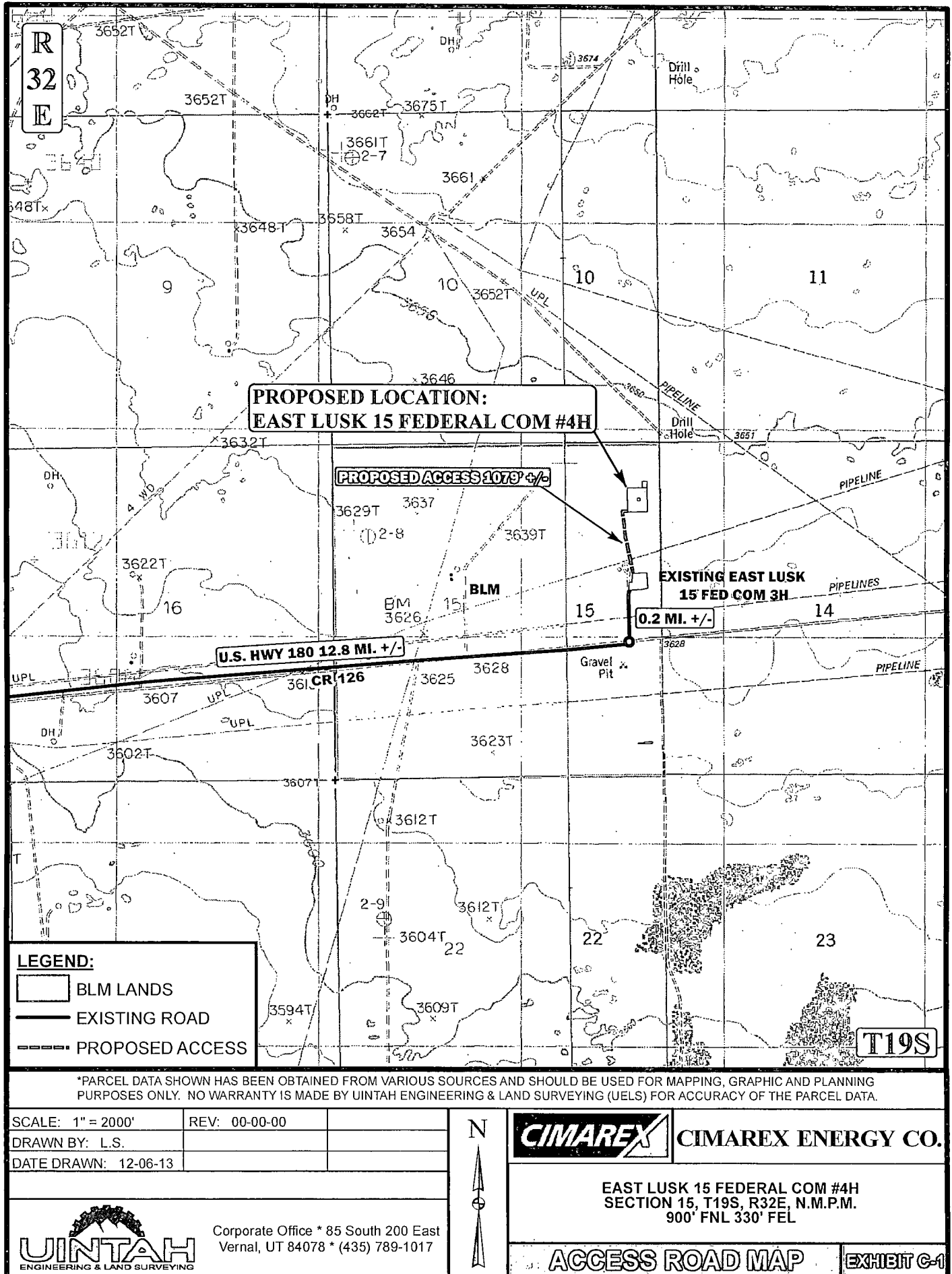


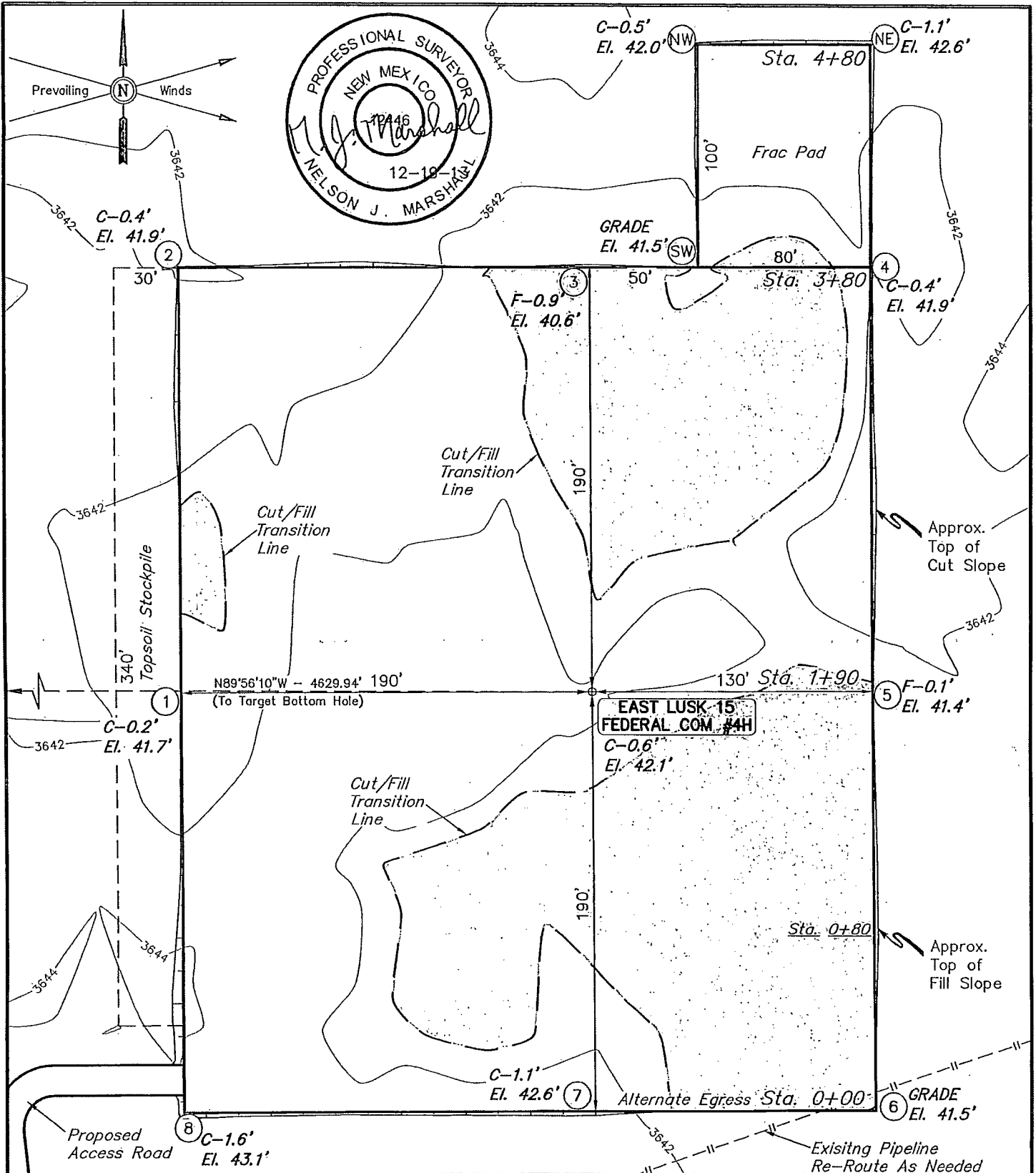
CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

USGS TOPOGRAPHIC MAP

EXHIBIT C





ELEV. UNGRADED GROUND AT LOC. STAKE = 3642.1' FINISHED GRADE ELEV. AT LOC. STAKE = 3641.5'

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.



CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

DRAWN BY: B.D.H.

SCALE: 1" = 60'

DATE: 12-12-13

REVISED:

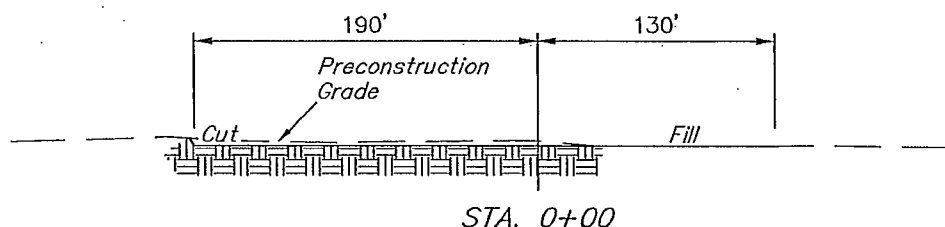
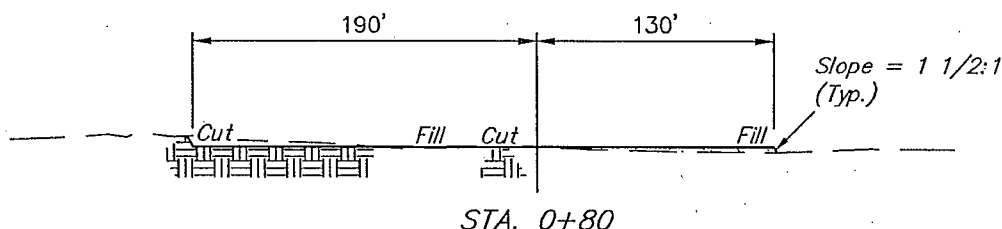
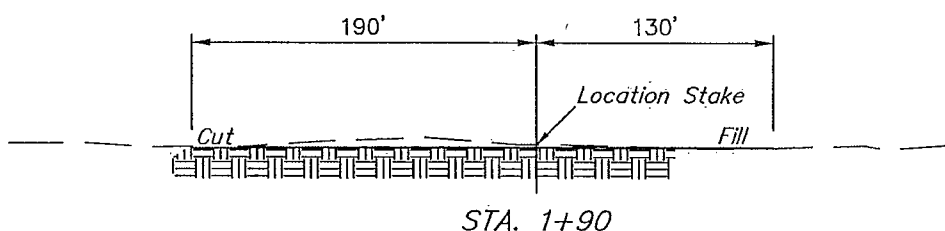
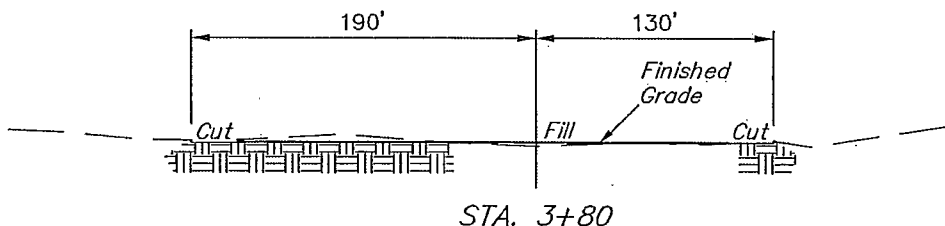
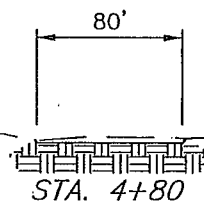
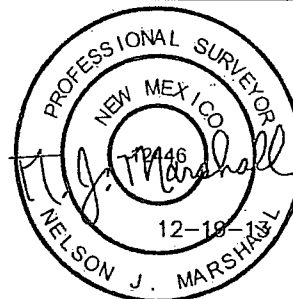
LOCATION LAYOUT

EXHIBIT D



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

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	1,420 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.244
TOTAL CUT	2,640 Cu. Yds.	ACCESS ROAD DISTURBANCE	±1079.00'	±0.743
FILL	1,420 Cu. Yds.	FLOW LINE DISTURBANCE	±4390.24'	±1.008
EXCESS MATERIAL	1,220 Cu. Yds.			
TOPSOIL	1,220 Cu. Yds.			
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.	TOTAL DISTURBANCE	±5469.24'	±4.995

NOTES:

- Fill quantity includes 5% for compaction.
- Topsoil should not be stripped below finished grade on substructure area.



CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL



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

DRAWN BY: B.D.H.

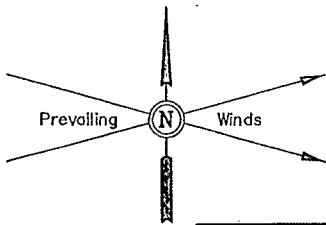
SCALE: AS SHOWN

DATE: 12-12-13

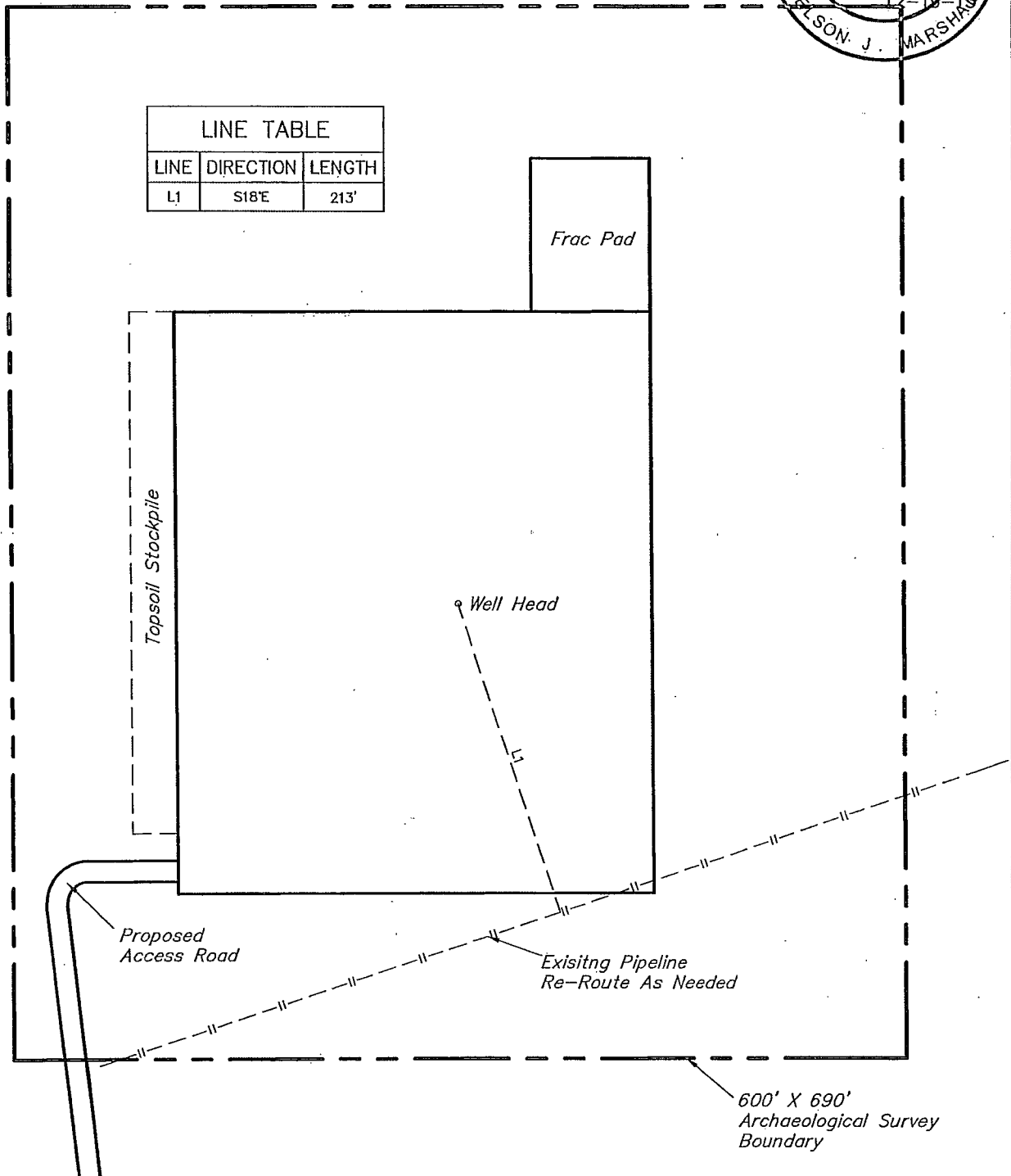
REVISED:

TYPICAL CROSS SECTIONS

EXHIBIT D



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S18°E	213'



NOTES:



CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

DRAWN BY: B.D.H.

SCALE: 1" = 100'

DATE: 12-12-13

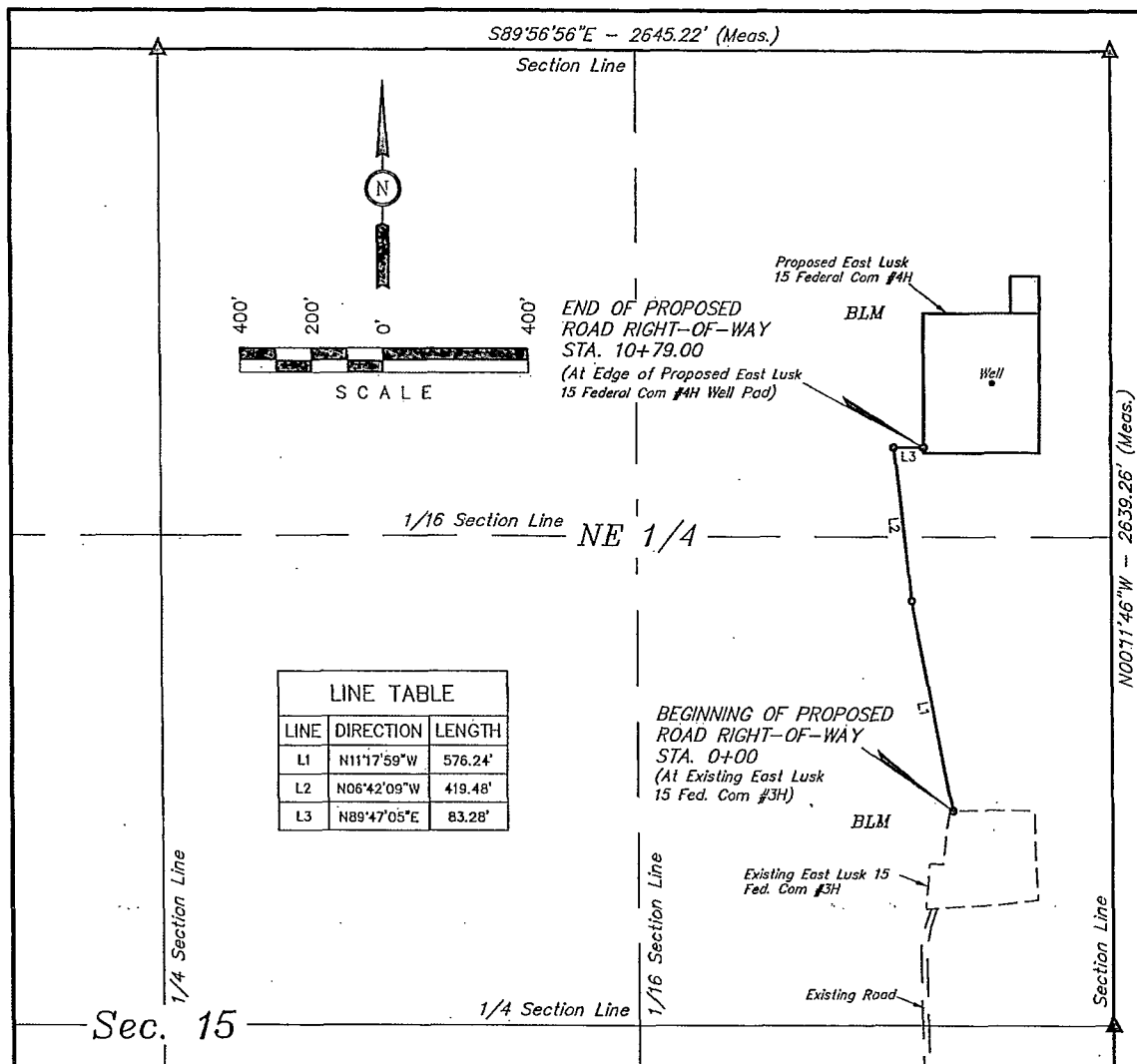
REVISED:

**ARCHAEOLOGICAL SURVEY
BOUNDARY**

EXHIBIT D



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



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 NE 1/4 OF SECTION 15, T19S, R32E, N.M.P.M., WHICH BEARS N37°31'04"W 733.63' FROM THE EAST 1/4 CORNER OF SAID SECTION 15, THENCE N11°17'59"W 576.24'; THENCE N06°42'09"W 419.48'; THENCE N89°47'05"E 83.28' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 15, WHICH BEARS S25°35'56"W 1192.89' FROM THE NORTHEAST CORNER OF SAID SECTION 15. 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 0.743 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N37°31'04"W 733.63' FROM THE EAST 1/4 CORNER OF SECTION 15, T19S, R32E, N.M.P.M.

END OF ROAD STA. 10+79.00 BEARS S25°35'56"W 1192.89' FROM THE NORTHEAST CORNER OF SECTION 15, T19S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
BLM	1079.00	0.743	65.39

▲ = SECTION CORNERS LOCATED.

NOTES:

- The maximum grade of existing ground for the proposed access road is ±1%.

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 SURVEYOR

12448

Nelson Marshall

REGISTERED LAND SURVEYOR

REGISTRATION NO. 12448

STATE OF NEW MEXICO

12-19-13



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



CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

DRAWN BY: B.D.H.

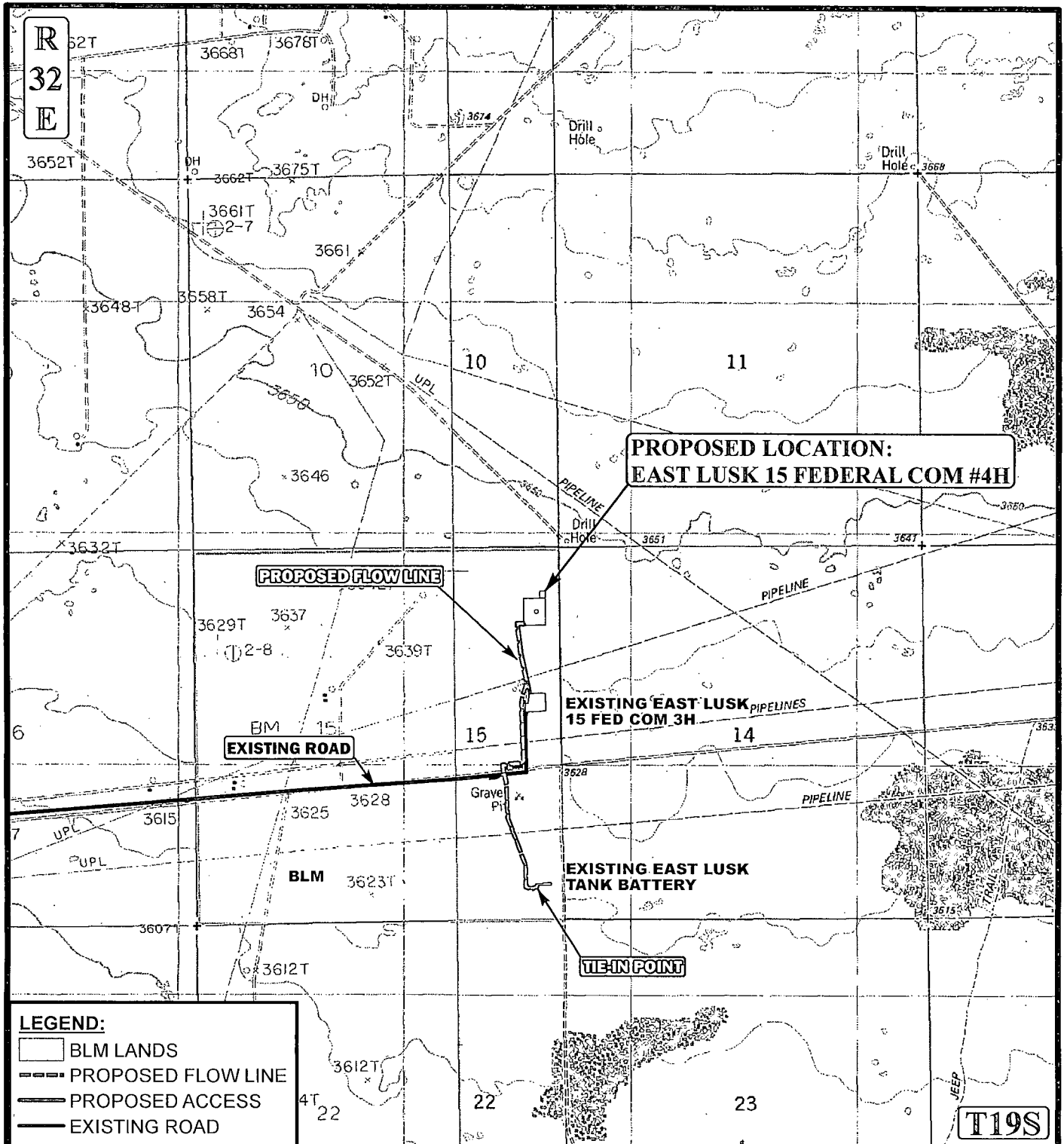
SCALE: 1" = 400'

DATE: 12-12-13

REVISED:

ACCESS ROAD R-O-W

EXHIBIT C-2



APPROXIMATE TOTAL FLOW LINE DISTANCE = 4,390' +/-

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

REVISED: 00-00-00



CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

PIPELINE MAP

EXHIBIT C



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

S89°55'24"E
2643.31' (Meas.)

LINE TABLE			LINE TABLE		
LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH
L1	S89°49'06"W	105.73'	L8	S12°27'42"E	248.35'
L2	S06°41'50"E	442.08'	L9	S01°42'28"E	494.18'
L3	S11°18'15"E	411.22'	L10	S20°11'40"E	730.60'
L4	S15°38'37"W	289.65'	L11	S00°39'39"W	311.81'
L5	S01°16'15"E	822.45'	L12	S62°48'08"E	85.66'
L6	S33°13'22"W	32.37'	L13	S67°06'04"W	123.49'
L7	S82°46'30"W	292.65'			

SCALE

NW 1/4

S89°56'56"E - 2645.22' (Meas.)

Section Line

**BEGINNING OF PROPOSED
FLOW LINE CORRIDOR
RIGHT-OF-WAY
STA. 0+00**
(At Edge of Proposed East Lusk
15 Federal Com #4H Well Pad)

**END OF PROPOSED
FLOW LINE CORRIDOR
RIGHT-OF-WAY
STA. 43+90.24**
(At Existing East Lusk Tank Battery)

NE 1/4

Section Line

1/16 Section Line

1/4 Section Line

Sec. 15

SE 1/4

S89°47'10"E
2646.42' (Meas.)

N89°51'03"E - 2648.04' (Meas.)

**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 NE 1/4 NE 1/4 OF SECTION 15, T19S, R32E, N.M.P.M., WHICH BEARS S26°04'23"W 1174.94' FROM THE NORTHEAST CORNER OF SAID SECTION 15, THENCE S89°49'06"W 105.73'; THENCE S06°41'50"E 442.08'; THENCE S11°18'15"E 411.22'; THENCE S15°38'37"W 289.65'; THENCE S01°16'15"E 822.45'; THENCE S33°13'22"W 32.37'; THENCE S82°46'30"W 292.65'; THENCE S12°27'42"E 248.35'; THENCE S01°42'28"E 494.18'; THENCE S20°11'40"E 730.60'; THENCE S00°39'39"W 311.81'; THENCE S62°48'08"E 85.66'; THENCE S67°06'04"W 123.49' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 15, WHICH BEARS S36°42'40"W 613.15' FROM THE SOUTHEAST CORNER OF SAID SECTION 15. 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 1.008 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
NE 1/4 SEC. 15	1710.75	0.393	103.68
SE 1/4 SEC. 15	2679.49	0.615	162.39
TOTAL:	4390.24	1.008	266.08

▲ = 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.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446
 STATE OF NEW MEXICO

12-19-13

NOTES:

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

CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

DRAWN BY: B.D.H. SCALE: 1" = 600'

DATE: 12-12-13 REVISED:

FLOW LINE R-O-W

EXHIBIT C-4

CERTIFICATE OF PROFESSIONAL SURVEYOR
 THAT THE ABOVE PLAT WAS PREPARED FROM
 SURVEYS MADE BY ME OR UNDER MY
 THE SAME ARE TRUE AND CORRECT TO THE
 E AND BELIEF. 12446
Nelson Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446
 STATE OF NEW MEXICO
 12-19-13

 = SECTION CORNERS LOCATED.

NOTES:

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



CIMAREX

CIMAREX ENERGY CO.

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' ENL 330' FEL

DRAWN BY: B.D.H.

SCALE: 1" = 600'

DATE: 12-12-13

REVISÉ:

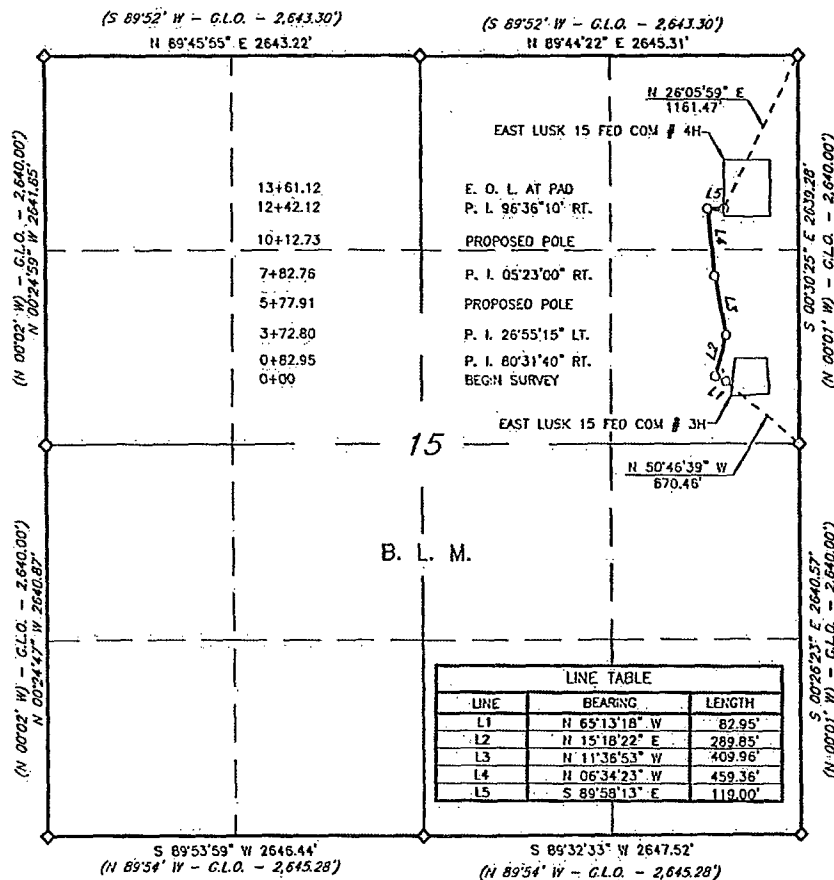
FLOW LINE R-O-W

EXHIBIT G-1



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

CIMAREX ENERGY CO.
PROPOSED ELECTRIC LINE FROM EAST LUSK 15 FEDERAL #3H
TO EAST LUSK 15 FEDERAL #4H
SEC. 15, T-19-S, R-32-E, N.M.P.M., LEA CO., N.M.



DESCRIPTION

A strip of land 30 feet in width and 1,361.12 feet or 82.492 rods in length situated within Section 15, Township 19 South, Range 32 East, N. M. P. M., Lea County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

Beginning at Engr. Sta. 0+00 a point which lies N 50°46'39" W, 670.46 feet from a brass cap, stamped "1912", found for the East quarter corner of the aforementioned Section 15;

Thence N 65°13'18" W, 82.95 feet to Engr. Sta. 0+82.95, a P. I. of 80°31'40" right;

Thence N 15°18'22" E, 289.85 feet to Engr. Sta. 3+72.80, a P. I. of 26°55'15" left;

Thence N 11°36'53" W, 409.96 feet to Engr. Sta. 7+82.76, a P. I. of 05°02'30" right;

Thence N 06°34'23" W, 459.36 feet to Engr. Sta. 12+42.12, a P. I. of 96°36'10" right;

Thence S 89°58'13" E, 119.00 feet to Engr. Sta. 13+61.12, the end of the survey and a point from which a brass cap, stamped "1912", found for the Northeast corner of the above-mentioned Section 15 bears N 26°05'59" E, 1,161.47 feet.

Said strip of land containing 0.937 acre, more or less, and is allocated by forties as follows:

SCALE: 1" = 1000'
 0 500 1000
 BEARINGS: NAD 83 GRID-NM EAST
 DISTANCES: HORIZONTAL GROUND
 LEGEND
 () RECORD DATA - GLO
 ♦ FOUND BRASS CAP
 STAMPED "1912"
 OTHER WISE NOTED

SE 1/4 NE 1/4 0.661 Ac. NE 1/4 NE 1/4 0.276 Ac.

I, Larry W. Busby, a N. M. Professional Surveyor, hereby certify that this plat was prepared from an actual ground survey made under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Larry W. Busby NM PS 11398



File No.: TX 10193838 NM 4655451

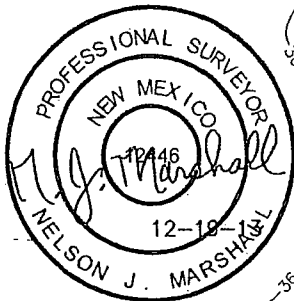
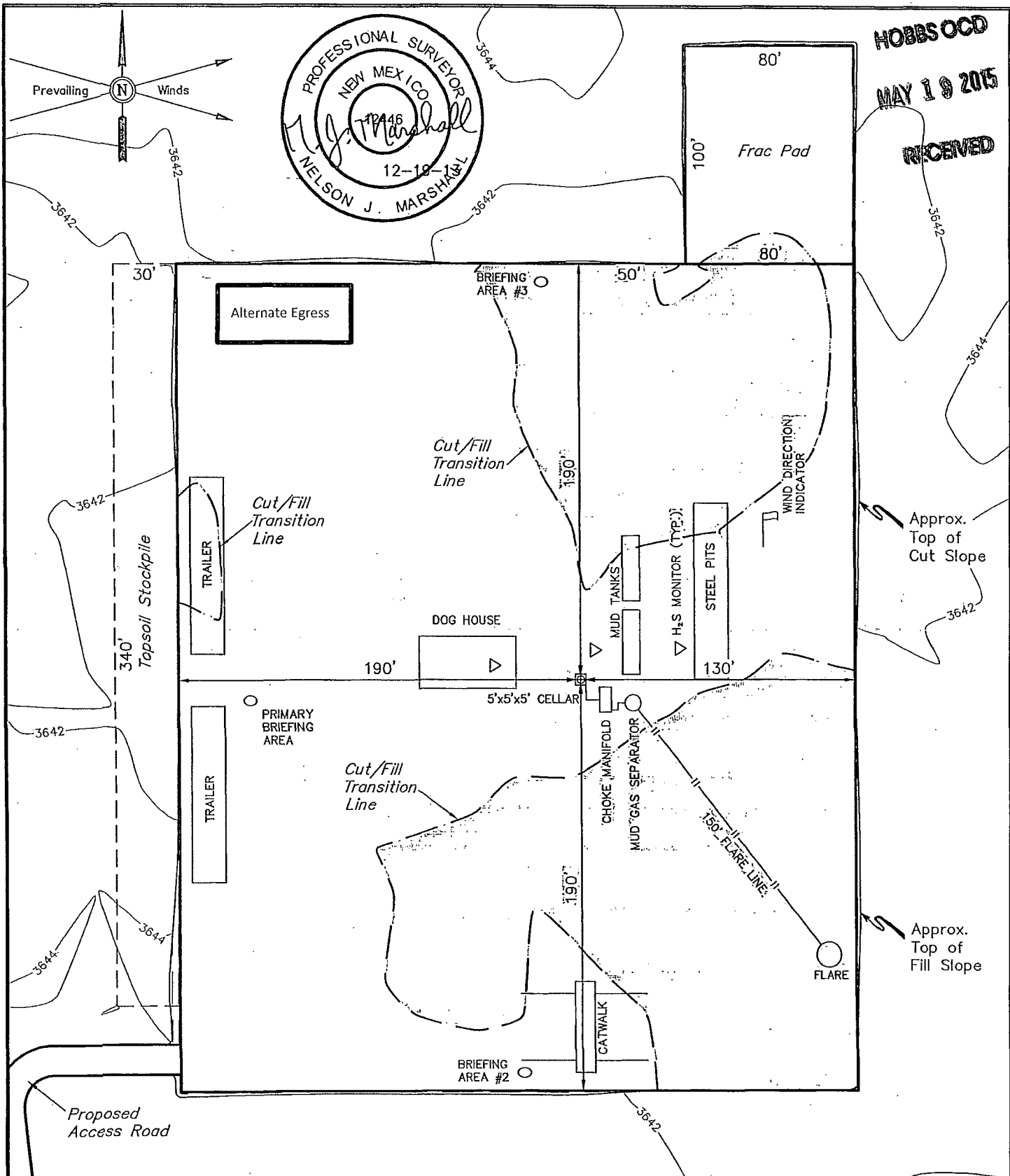
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NO.	REVISION	DATE
JOB NO.:	LS140075	
DWG. NO.:	140075EL	

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1"=1000'
DATE: 2/5/14
SURVEYED BY: GB
DRAWN BY: JC
APPROVED BY: LWB
SHEET : 1 OF 1



HOBBS OGD
MAY 19 2015
RECEIVED

NOTES:
• Flare pit is to be located a min. of 160' from the well head.

CIMAREX **CIMAREX ENERGY CO.**

EAST LUSK 15 FEDERAL COM #4H
SECTION 15, T19S, R32E, N.M.P.M.
900' FNL 330' FEL

DRAWN BY: B.D.H.

SCALE: 1" = 60'

DATE: 12-12-13

REVISED:

TYPICAL RIG LAYOUT

EXHIBIT D



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