

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

**HOBBS**

NOV 02 2014  
**RECEIVED**

State of New Mexico

Energy Minerals & Natural Resources  
**HOBBS**  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr. NOV 03 2014  
Santa Fe, NM 87505

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

AMENDED REPORT

**RECEIVED**

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-025 <sup>1</sup> API Number <b>42221</b>		3 <sup>2</sup> Pool Code <b>53805</b>		4 <sup>3</sup> Property Name <b>Sand Dunes</b>		5 <sup>4</sup> Well Number <b>30H</b>	
6 <sup>5</sup> Property Code <b>31483</b>		7 <sup>6</sup> OGRID No. <b>215099</b>		8 <sup>7</sup> Operator Name <b>CIMAREX ENERGY CO.</b>		9 <sup>8</sup> Elevation <b>3654'</b>	
				10 <sup>9</sup> Pool Name <b>Wildcat, Bone Spring</b>		11 <sup>10</sup> Direction <b>South</b>	

10<sup>9</sup> Surface Location

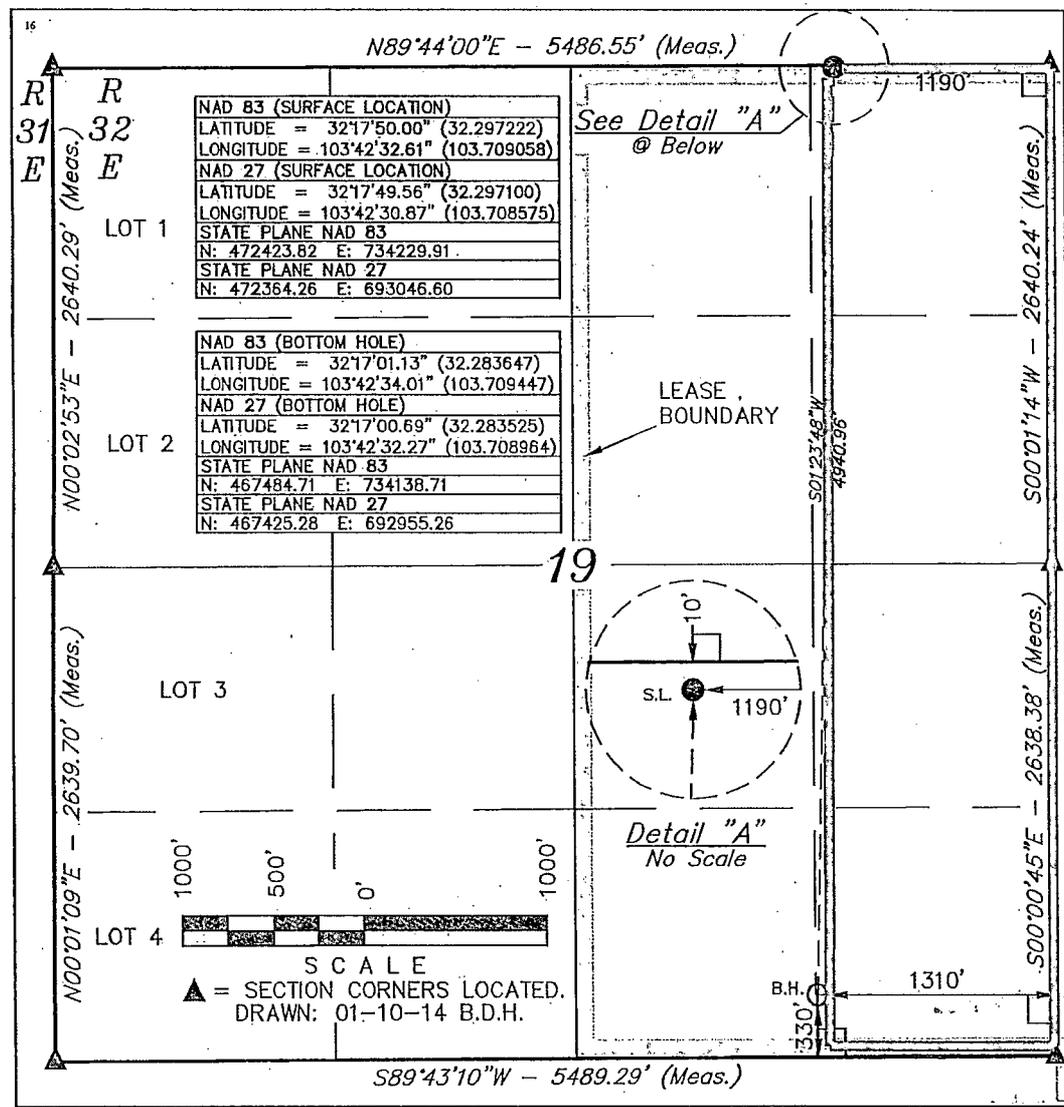
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	19	23S	32E		10	NORTH	1190	EAST	LEA

11<sup>10</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
P	19	23S	32E		330	SOUTH	1310	EAST	LEA

12 <sup>11</sup> Dedicated Acres 160	13 <sup>12</sup> Joint or Infill	14 <sup>13</sup> Consolidation Code	15 <sup>14</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.



**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: 12/09/13

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.

September 12, 2013  
Date of Survey  
Signature and Seal of Professional Surveyor:

**PROFESSIONAL SURVEYOR**  
NEW MEXICO  
*J. J. Marshall*  
01-10-14  
NELSON J. MARSHALL

Certificate Number:

NOV 04 2014

NOV 04 2014

T  
23  
S

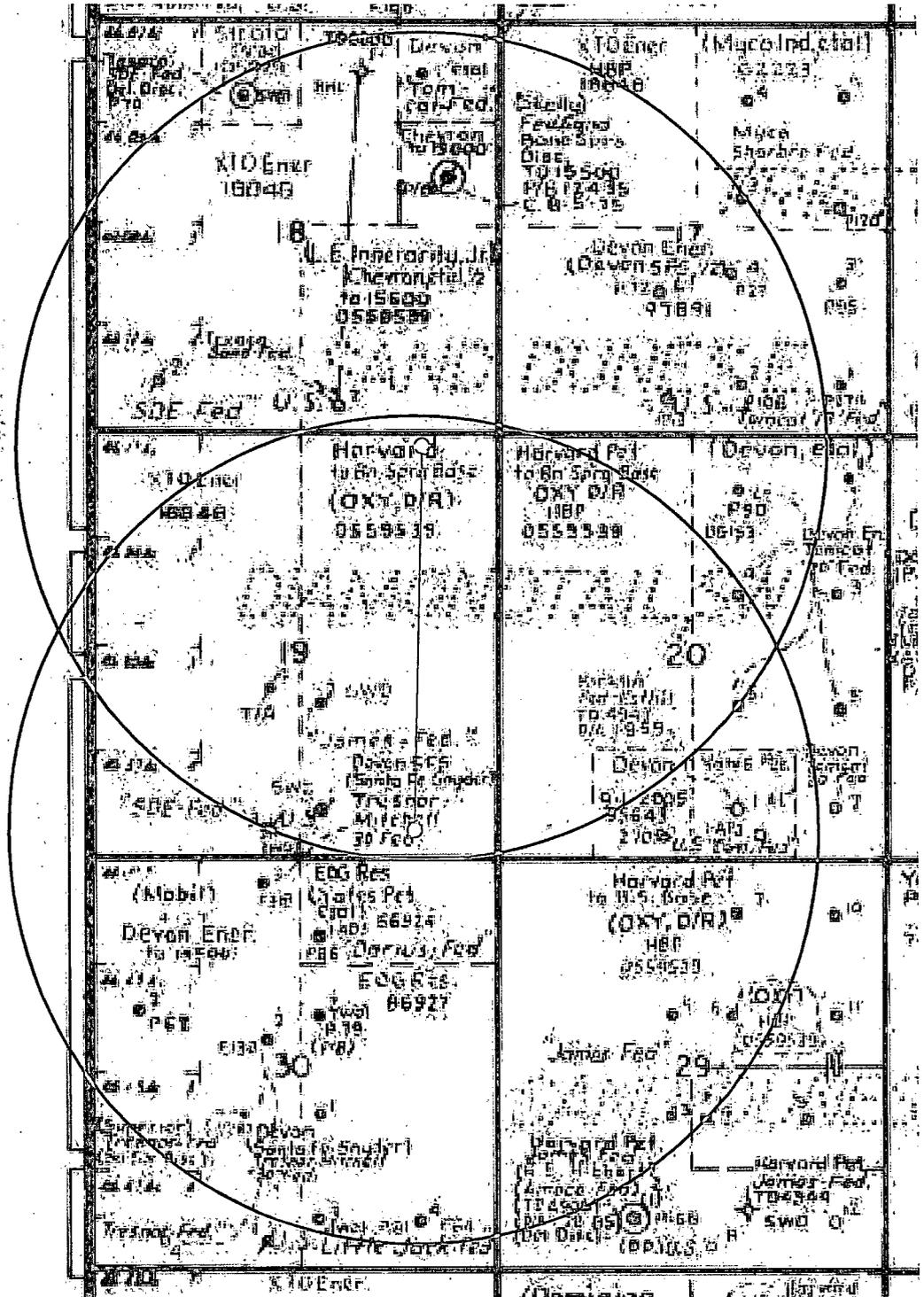
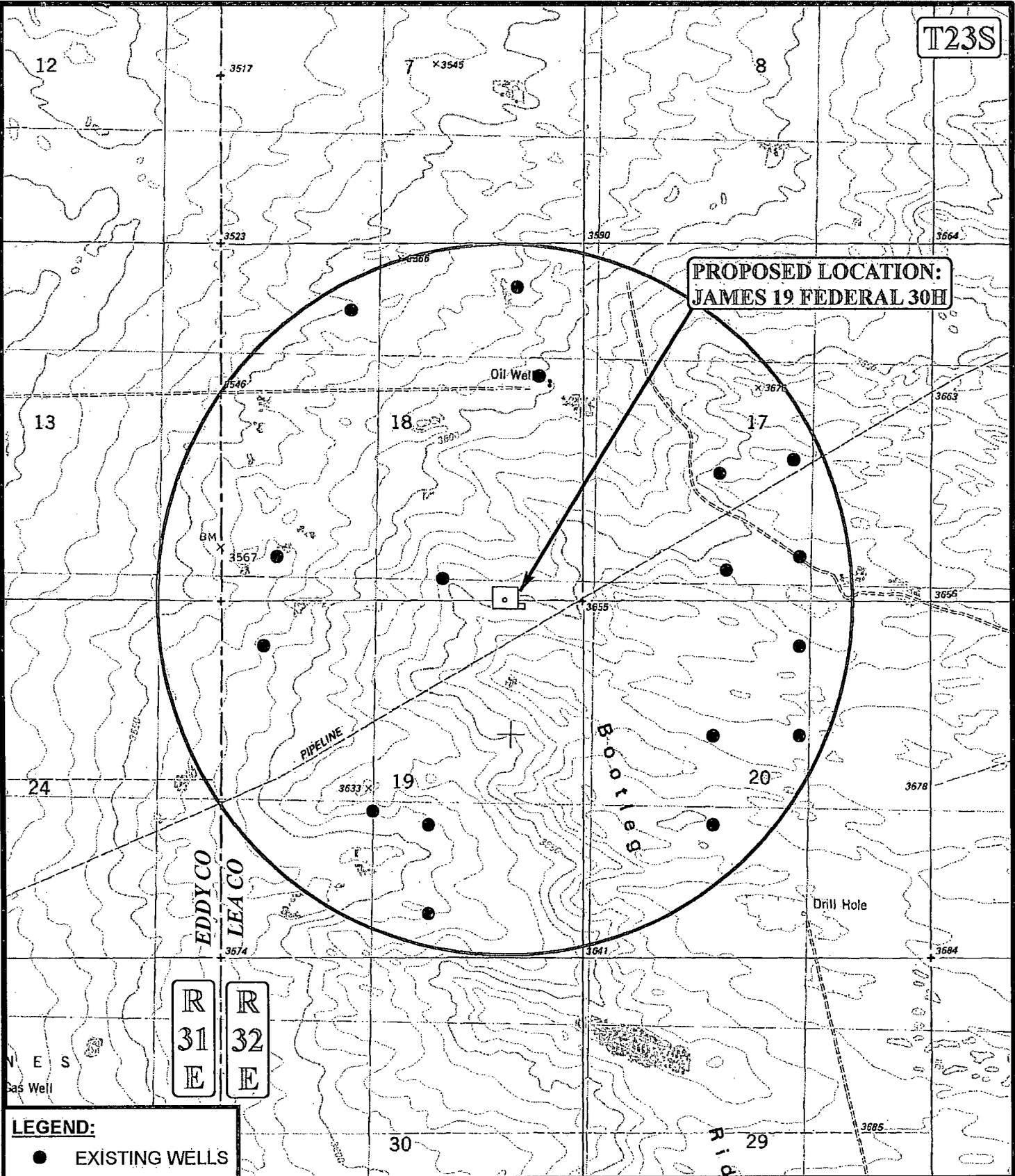


Exhibit A – One Mile Radius Map  
**James 19 Federal 30H**  
Cimarex Energy Company  
19-23S-32E  
SHL 10 FNL & 1190 FEL  
BHL330 FSL & 1320 FEL  
Lea County, NM

T23S



**PROPOSED LOCATION:  
JAMES 19 FEDERAL 30H**

**LEGEND:**  
 ● EXISTING WELLS

SCALE: 1" = 2000'	REVISED:	
DRAWN BY: J.L.H.		
DATE DRAWN: 09-16-13		



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



**CIMAREX ENERGY CO.**

**JAMES 19 FEDERAL 30H  
 SECTION 19, T23S, R32E, N.M.P.M.  
 10' FNL 1190' FEL**

**TOPOGRAPHIC MAP**

**TOPO C**

Exhibit C

T23S

3567

JAMES 19  
FEDERAL 29H

JAMES 20  
FEDERAL  
COM 26H

PROPOSED LOCATION:  
JAMES 19 FEDERAL 30H

PROPOSED ACCESS FOR THE  
JAMES 19 FEDERAL 29H 3,490' +/-

PROPOSED ACCESS FOR THE  
JAMES 20 FEDERAL COM 26H 1,198' +/-

BLM  
19

BLM  
20

21

3574

3641

3678

3684

30

0.1 MI. +/-

29

0.5 MI. +/-

28

0.3 MI. +/-

0.3 MI. +/-

0.4 MI. +/-

Drill Hole

31

32

33

HIGHWAY 128 2.3 MI. +/-

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS
-  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: 10-08-13
DRAWN BY: J.L.H.	REV:10-17-13J.L.G.
DATE DRAWN: 09-16-13	



**CIMAREX** CIMAREX ENERGY CO.

JAMES 19 FEDERAL 30H  
SECTION 19, T23S, R32E, N.M.P.M.  
10' FNL 1190' FEL

ACCESS ROAD MAP

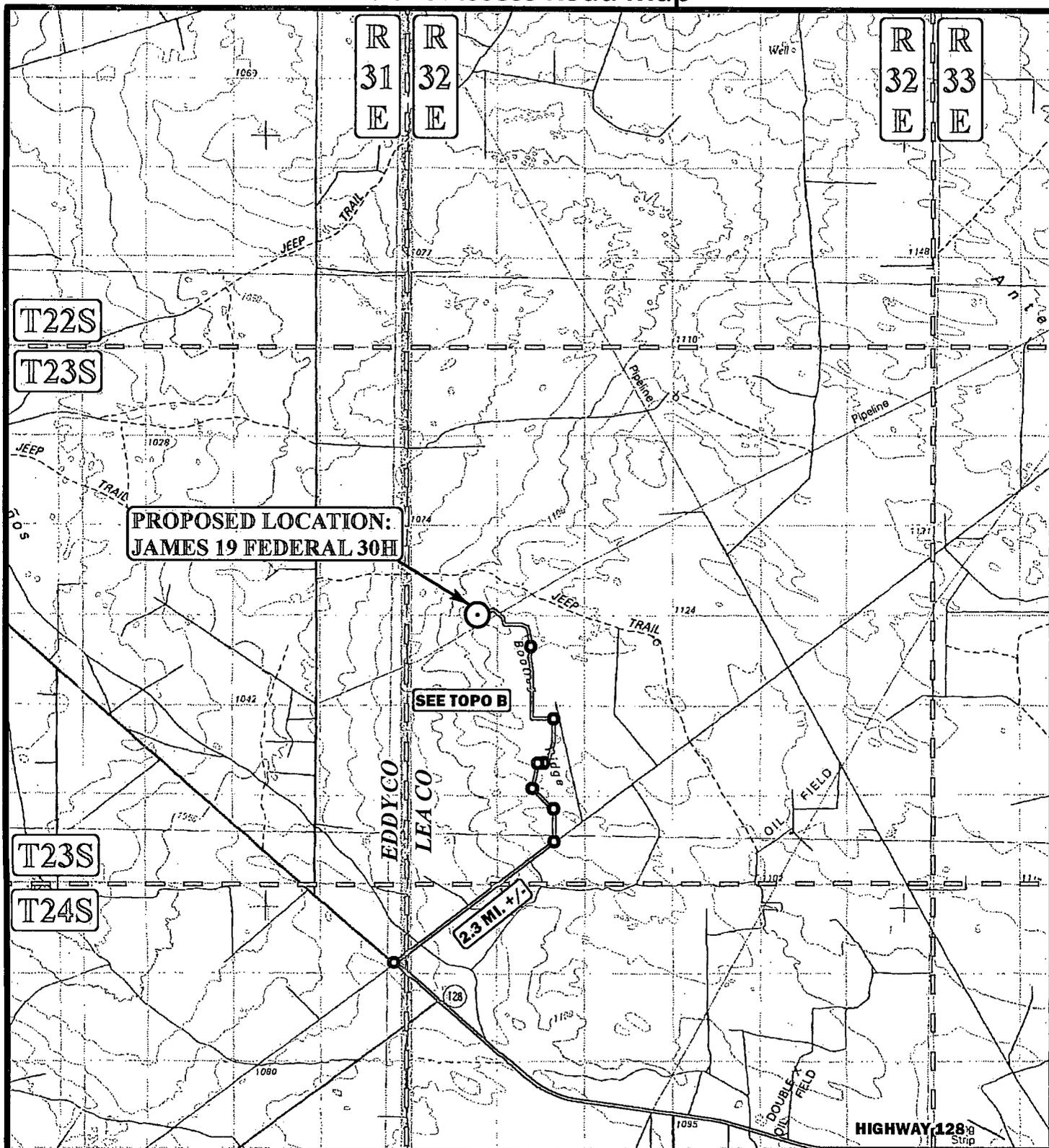
TOPO B



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Exhibit C-1

# Public Access Road Map



**PROPOSED LOCATION:  
JAMES 19 FEDERAL 30H**

**SEE TOPO B**

**2.3 MI. +/-**

**HIGHWAY 128**  
Strip

**LEGEND:**

○ PROPOSED LOCATION

**MALAGA, NEW MEXICO IS  
+/- 21.8 MILES WESTERLY**

SCALE: 1:100,000

REVISED: 10-08-13

DRAWN BY: J.L.H.

REV:10-17-13J.L.G.

DATE DRAWN: 09-16-13



**CIMAREX ENERGY CO.**

**JAMES 19 FEDERAL 30H  
SECTION 19, T23S, R32E, N.M.P.M.  
10' FNL 1190' FEL**

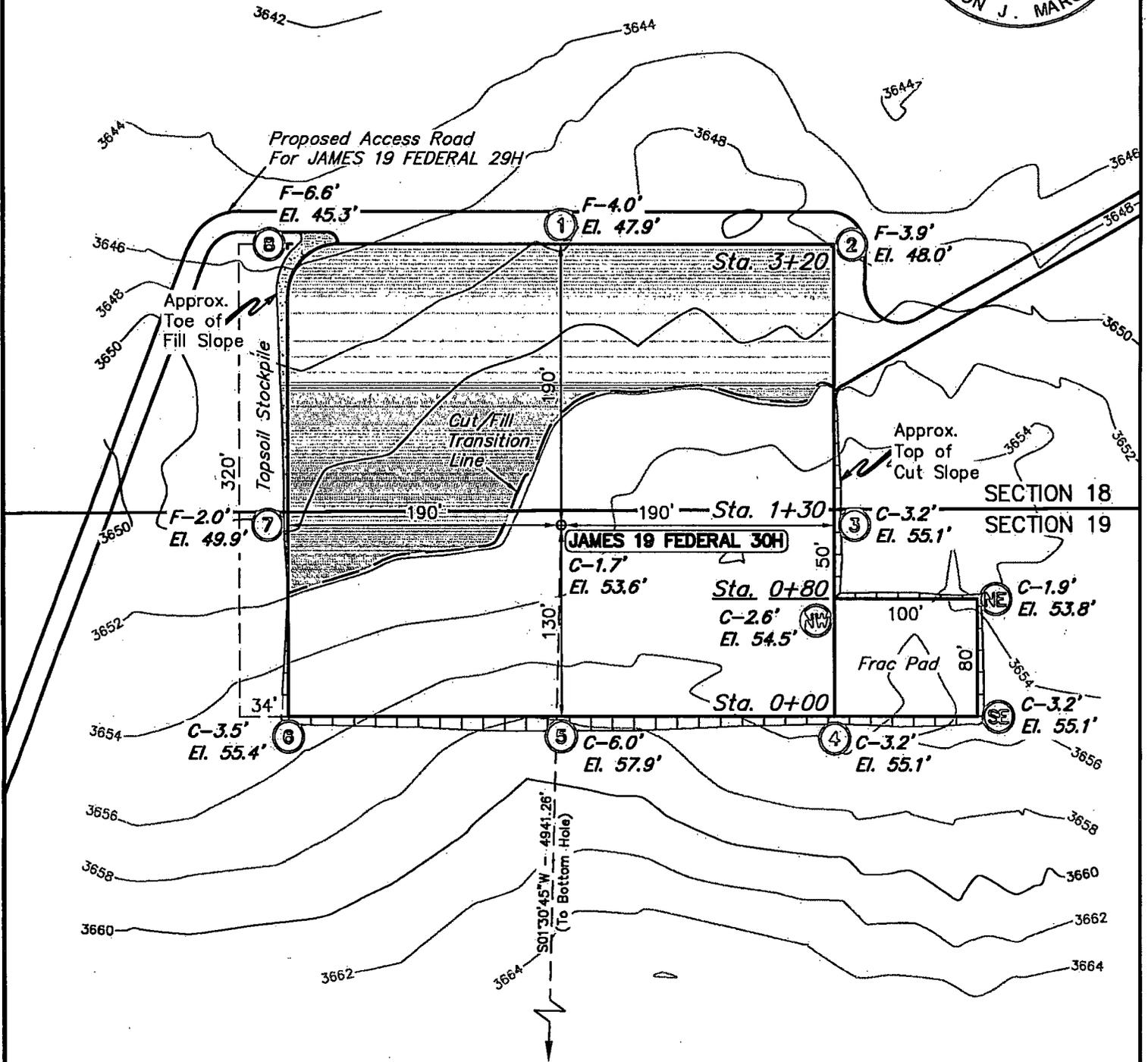
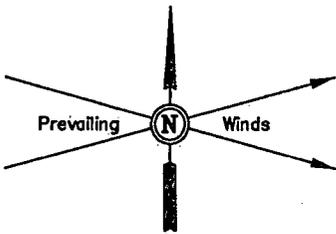
**ACCESS ROAD MAP**

**TOPO A**



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Exhibit B



ELEV. UNGRADED GROUND AT LOC. STAKE = 3653.6' FINISHED GRADE ELEV. AT LOC. STAKE = 3651.9'

- NOTES:**
- Round corners at 35' radius or as needed.
  - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

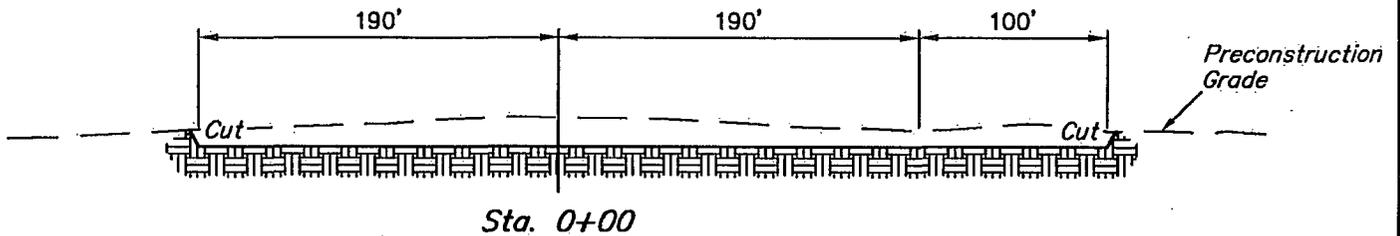
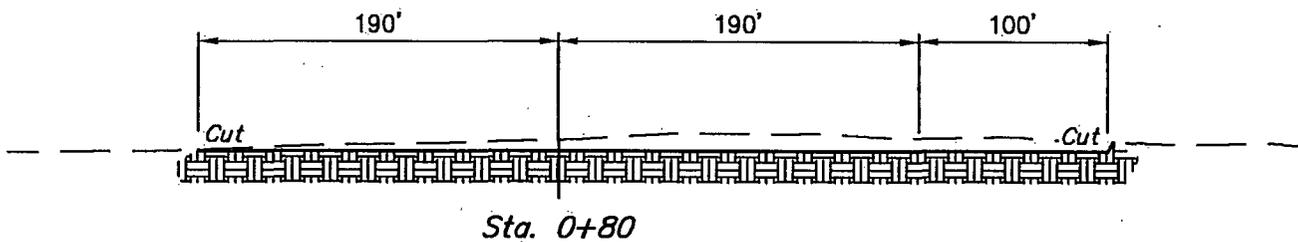
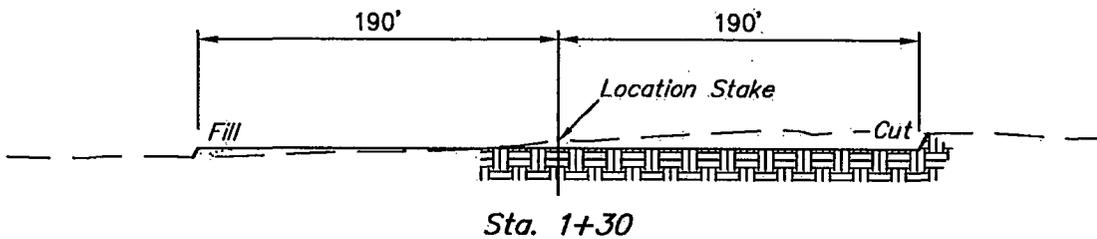
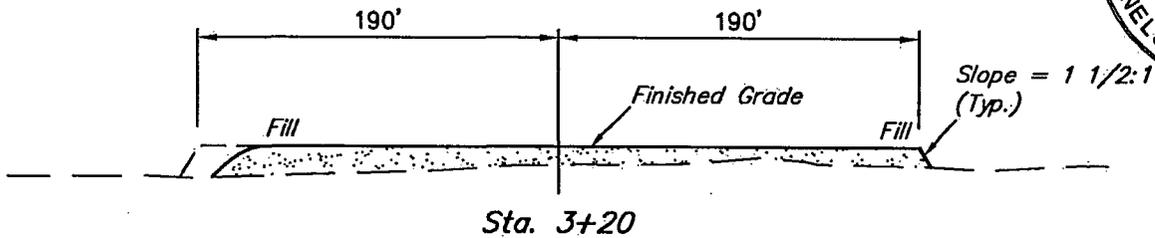
**Exhibit C-1**

<b>CIMAREX</b>		<b>CIMAREX ENERGY CO.</b>	
JAMES 19 FEDERAL 30H SECTION 19, T23S, R32E, N.M.P.M. 10' FNL 1190' FEL			
DRAWN BY: J.S.	SCALE: 1" = 60'		
DATE: 09-18-13	REVISED:		
<b>LOCATION LAYOUT</b>			<b>FIGURE #1</b>



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



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS	
(5") TOPSOIL STRIPPING	2,130 Cu. Yds.		
REMAINING LOCATION	6,560 Cu. Yds.	WELL SITE DISTURBANCE	N/A ±3.395
<b>TOTAL CUT</b>	<b>8,690 Cu. Yds.</b>	10' WIDE PIPELINE R-O-W DISTURBANCE	±35.02' ±0.008
<b>FILL</b>	<b>6,560 Cu. Yds.</b>	<b>TOTAL SURFACE USE AREA</b>	<b>±35.02' ±3.403</b>
EXCESS MATERIAL	2,130 Cu. Yds.		
TOPSOIL	2,130 Cu. Yds.		
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>		

**NOTES:**

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

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

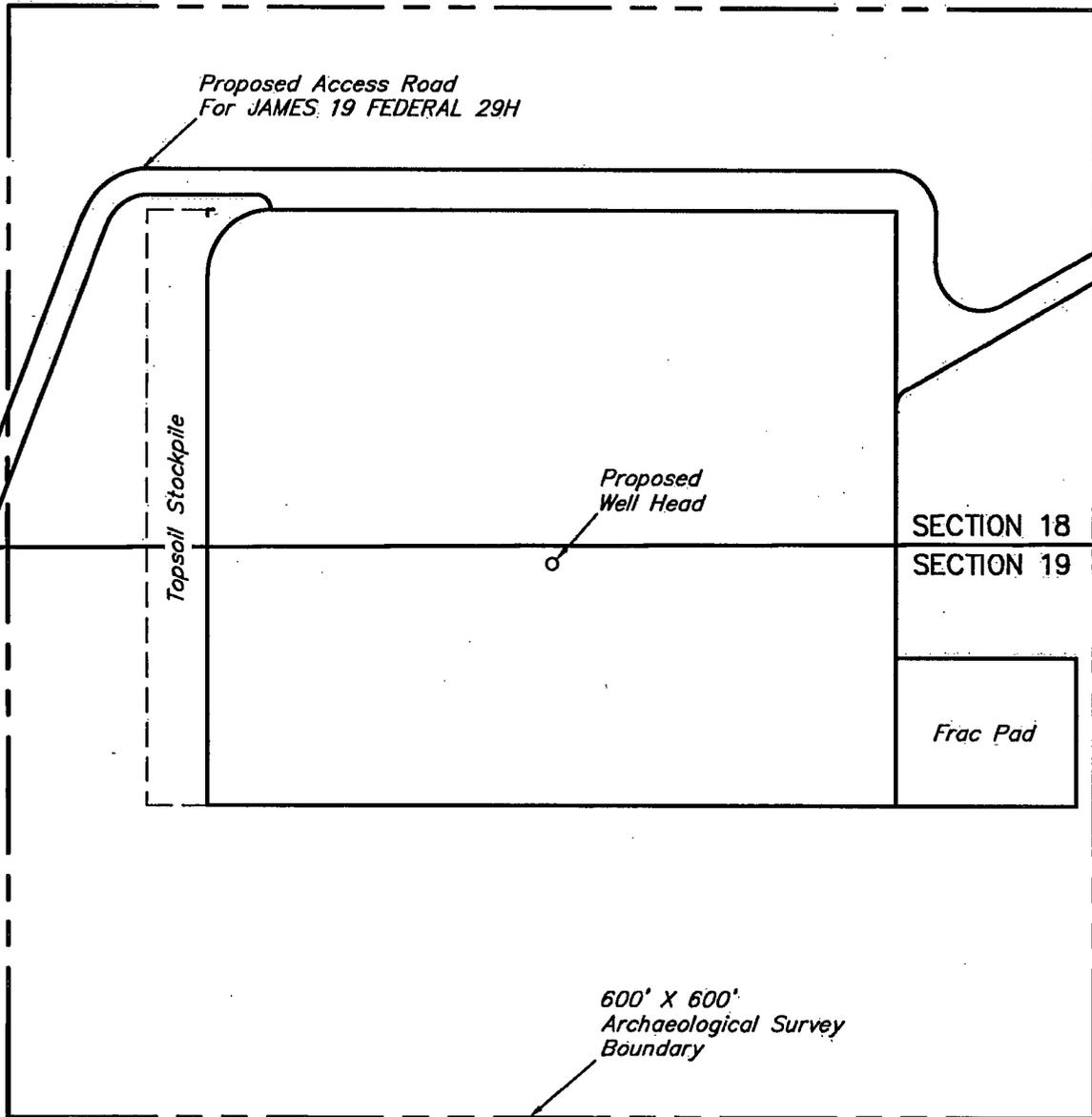
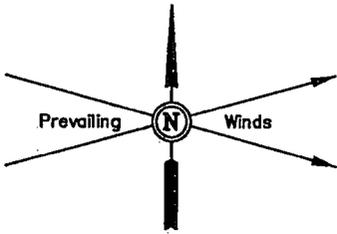
JAMES 19 FEDERAL 30H  
 SECTION 19, T23S, R32E, N.M.P.M.  
 10' FNL 1190' FEL

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 ENGINEERING & LAND SURVEYING

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DRAWN BY: J.S. SCALE: AS SHOWN  
 DATE: 09-18-13 REVISED:

**TYPICAL CROSS SECTIONS** **FIGURE #2**



NOTES:

**Exhibit C-1**



**CIMAREX ENERGY CO.**

JAMES 19 FEDERAL 30H  
SECTION 19, T23S, R32E, N.M.P.M.  
10' FNL 1190' FEL

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DRAWN BY: J.S.

SCALE: 1" = 100'

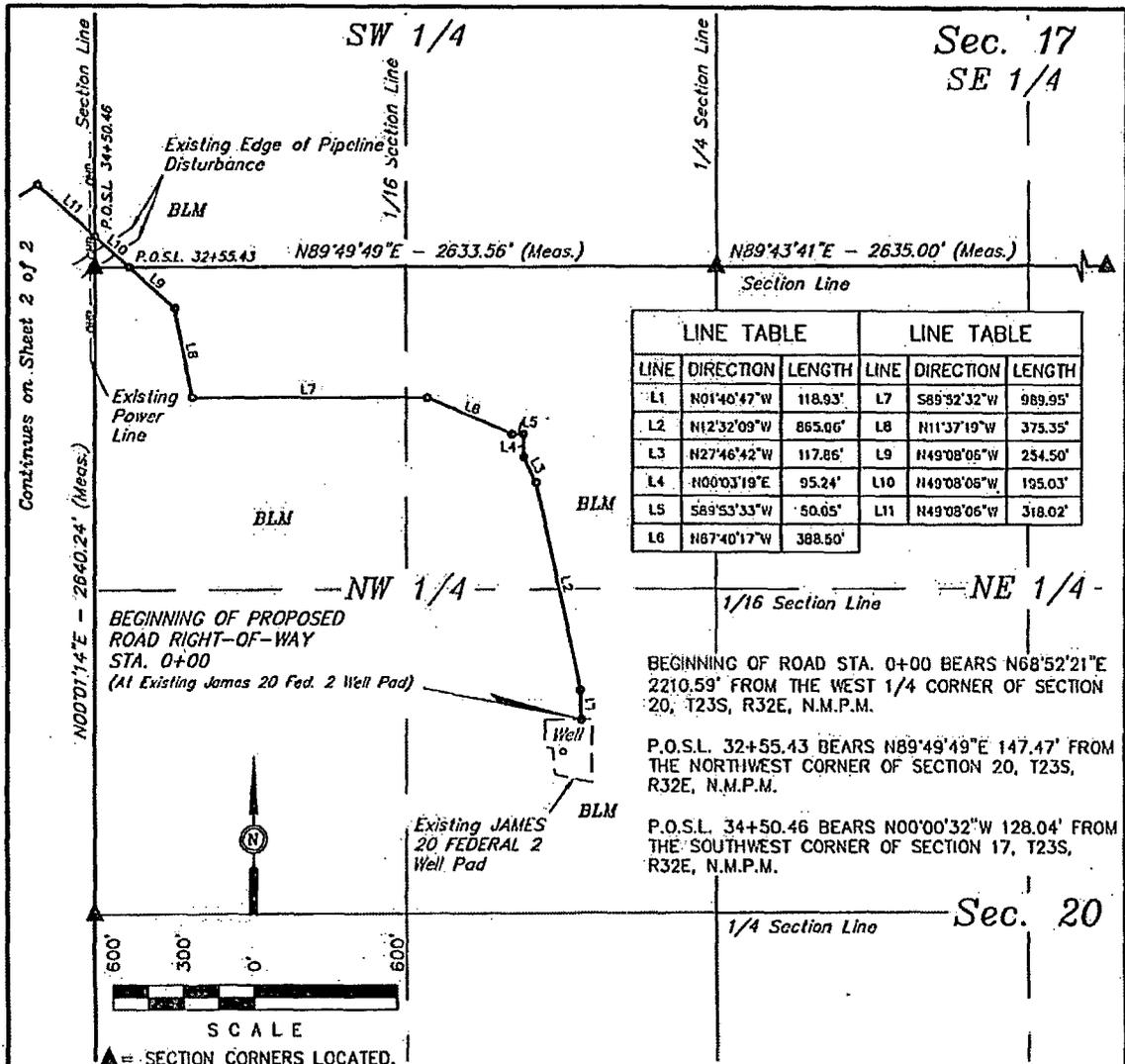
DATE: 09-18-13

REVISED:



**ARCHAEOLOGICAL SURVEY  
BOUNDARY**

**FIGURE #4**



LINE TABLE			LINE TABLE		
LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH
L1	N01°40'47"W	118.93'	L7	S89°52'32"W	989.95'
L2	N12°32'09"W	865.06'	L8	N11°37'19"W	375.35'
L3	N27°46'42"W	117.86'	L9	N49°08'06"W	254.50'
L4	N00°03'19"E	95.24'	L10	N49°08'06"W	195.03'
L5	S89°53'33"W	50.05'	L11	N49°08'06"W	318.02'
L6	N67°40'17"W	388.50'			

**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 NW 1/4 OF SECTION 20, T23S, R32E, N.M.P.M.; WHICH BEARS N68°52'21"E 2210.59' FROM THE WEST 1/4 CORNER OF SAID SECTION 20. THENCE N01°40'47"W 118.93'; THENCE N12°32'09"W 865.06'; THENCE N27°46'42"W 117.86'; THENCE N00°03'19"E 95.24'; THENCE S89°53'33"W 50.05'; THENCE N67°40'17"W 388.50'; THENCE S89°52'32"W 989.95'; THENCE N11°37'19"W 375.35'; THENCE N49°08'06"W 254.50' TO A POINT ON THE NORTH LINE OF THE NW 1/4 NW 1/4 OF SAID SECTION 20, WHICH BEARS N89°49'49"E 147.47' FROM THE NORTHWEST CORNER OF SAID SECTION 20, THENCE N49°08'06"W 195.03' TO A POINT ON THE WEST LINE OF THE SW 1/4 SW 1/4 OF SECTION 17, T23S, R32E, N.M.P.M., WHICH BEARS N00°00'32"W 128.04' FROM THE SOUTHWEST CORNER OF SAID SECTION 17, THENCE N49°08'06"W 318.02'; THENCE S60°48'34"W 389.97'; THENCE N29°12'31"W 149.93'; THENCE S60°48'44"W 380.06'; THENCE N00°36'04"E 68.02'; THENCE WEST 14.77' TO A POINT IN THE SE 1/4 SE 1/4 OF SECTION 18, T23S, R32E, N.M.P.M., WHICH BEARS N80°56'24"W 1012.64' FROM THE SOUTHEAST 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 3.286 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
NW 1/4 SEC. 20	3255.43	2.242	197.30
SW 1/4 SEC. 17	195.03	0.134	11.82
SE 1/4 SEC. 18	1320.78	0.910	80.05
TOTAL ON BLM	4771.24	3.286	289.17

CERTIFICATE OF PROFESSIONAL SURVEYOR

THIS IS TO CERTIFY THAT THE ABOVE POINT 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

11-25-13  
SHEET 1 of 2

NOTES:  
• The maximum grade of existing ground for the proposed access road is 2%.

**Exhibit C-1**

**CIMAREX ENERGY CO.**

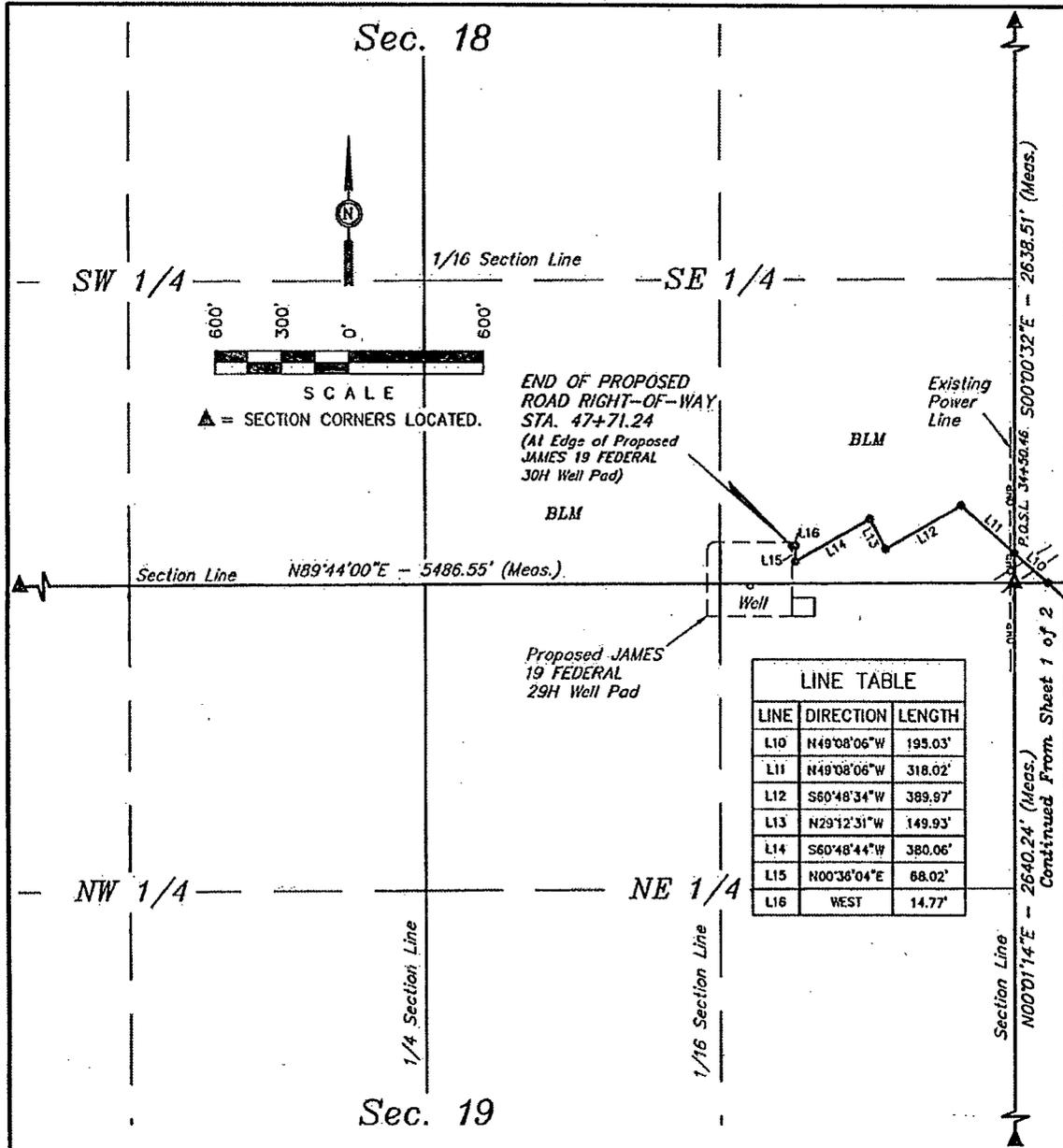
JAMES 19 FEDERAL 30H  
SECTION 19, T23S, R32E, N.M.P.M.  
10' FNL 1190' FEL

DRAWN BY: B.D.H. SCALE: 1" = 600'  
DATE: 11-26-13

**UINTAH**  
ENGINEERING & LAND SURVEYING

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Vernal, UT 84078 • (435) 789-1017

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



LINE TABLE		
LINE	DIRECTION	LENGTH
L10	N49°08'06\"W	195.03'
L11	N49°08'06\"W	318.02'
L12	S60°48'34\"W	389.97'
L13	N29°12'31\"W	149.93'
L14	S60°48'44\"W	380.06'
L15	N00°36'04\"E	68.02'
L16	WEST	14.77'

P.O.S.L. 34+50.46 BEARS N00°00'32\"W 128.04' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

END OF ROAD STA. 47+71.24 BEARS N80°56'24\"W 1012.64' FROM THE NORTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

CERTIFICATE OF PROFESSIONAL SURVEYOR

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.

*Robert Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12446  
STATE OF NEW MEXICO

SHEET 2 of 2

NOTES:  
The maximum grade of existing ground for the proposed access road is 45%.

**Exhibit C-1**

**CIMAREX ENERGY CO.**

JAMES 19 FEDERAL 30H  
SECTION 19, T23S, R32E, N.M.P.M.  
10' FNL 1190' FEL

**UINTAH**  
ENGINEERING & LAND SURVEYING

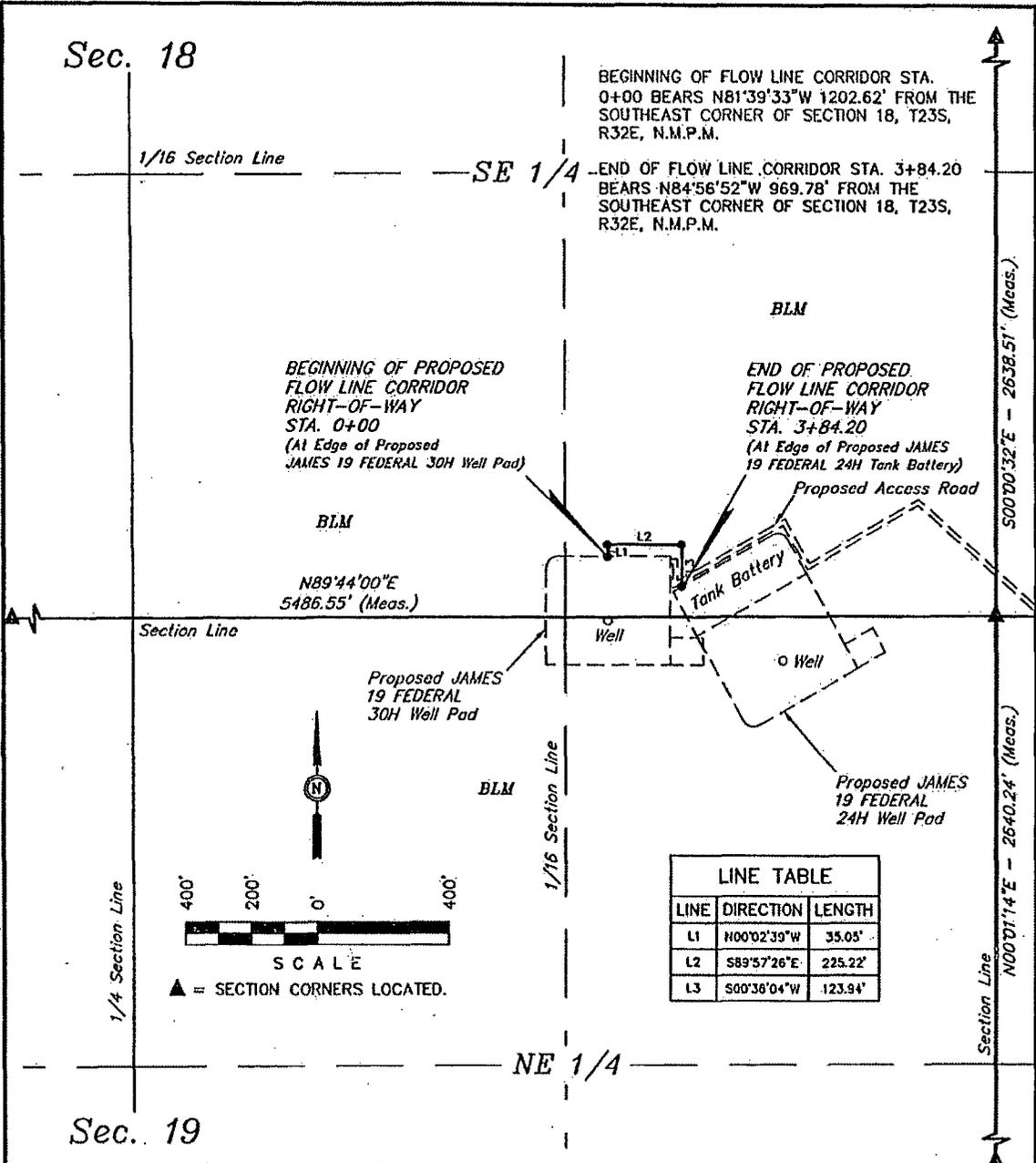
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DRAWN BY: B.D.H.      SCALE: 1" = 600'

DATE: 11-26-13

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

Sec. 18



BEGINNING OF FLOW LINE CORRIDOR STA. 0+00 BEARS N81°39'33"W 1202.62' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

END OF FLOW LINE CORRIDOR STA. 3+84.20 BEARS N84°56'52"W 969.78' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

BEGINNING OF PROPOSED FLOW LINE CORRIDOR RIGHT-OF-WAY STA. 0+00 (At Edge of Proposed JAMES 19 FEDERAL 30H Well Pad)

END OF PROPOSED FLOW LINE CORRIDOR RIGHT-OF-WAY STA. 3+84.20 (At Edge of Proposed JAMES 19 FEDERAL 24H Tank Battery)

N89°44'00"E  
5486.55' (Meas.)

Proposed JAMES 19 FEDERAL 30H Well Pad

Proposed JAMES 19 FEDERAL 24H Well Pad

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°02'39"W	35.05'
L2	S89°57'26"E	225.22'
L3	S00°36'04"W	123.94'

▲ = SECTION CORNERS LOCATED.

Sec. 19

**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 SE 1/4 OF SECTION 18, T23S, R32E, N.M.P.M., WHICH BEARS N81°39'33"W 1202.62' FROM THE SOUTHEAST CORNER OF SAID SECTION 18, THENCE N00°02'39"W 35.05'; THENCE S89°57'26"E 225.22'; THENCE S00°36'04"W 123.94' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 18, WHICH BEARS N84°56'52"W 969.78' FROM THE SOUTHEAST 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 0.088 ACRES. MORE OR LESS.

**RIGHT-OF-WAY LENGTHS**

DESCRIPTION	FEET	ACRES	RODS
SE 1/4 SEC. 18	384.20	0.088	23.28

CERTIFICATE OF PROFESSIONAL SURVEY

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM 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.

*Nelson Marshall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 12446, STA. 12446  
 STATE OF NEW MEXICO 11-25-13

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

**Exhibit G**

**CIMAREX ENERGY CO.**

JAMES 19 FEDERAL 30H  
 SECTION 19, T23S, R32E, N.M.P.M.  
 10' FNL 1190' FEL

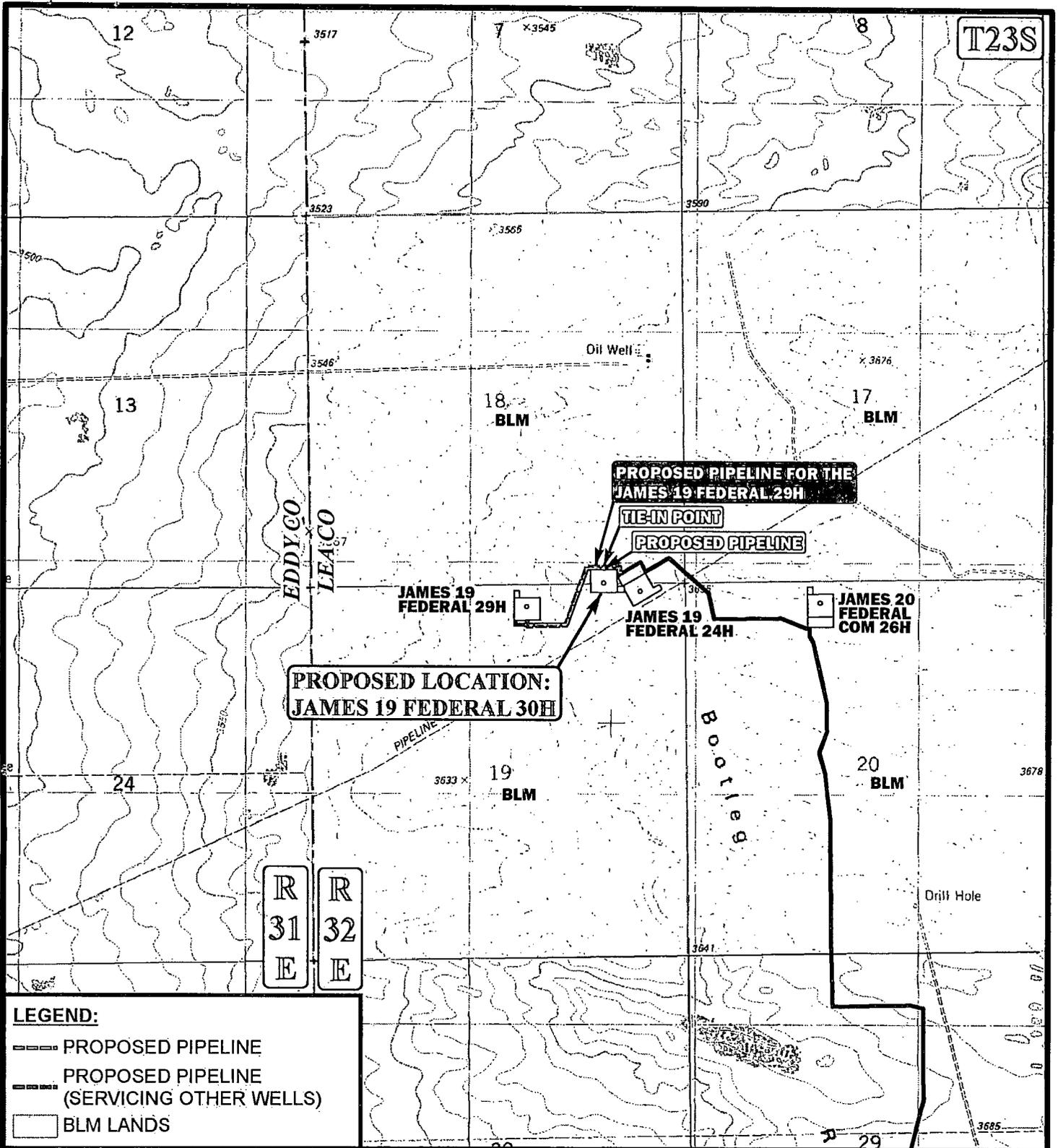


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DRAWN BY: J.S. SCALE: 1" = 400'  
 DATE: 09-16-13 REV: 11-25-13 B.D.H.

**FLOW LINE R-O-W**

**EXHIBIT G-1**



**APPROXIMATE TOTAL PIPELINE DISTANCE 35' +/-**

\*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:	
DRAWN BY: J.L.H.		
DATE DRAWN: 09-16-13		



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

**JAMES 19 FEDERAL 30H**  
**SECTION 19, T23S, R32E, N.M.P.M.**  
**10' FNL 1190' FEL**

**PIPELINE MAP**

**TOPO D**



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Exhibit G

CIMAREX ENERGY CO.  
JAMES 19 FEDERAL 30H  
SECTION 19, T23S, R32E, N.M.P.M.

BEGINNING AT HIGHWAY 128 PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE JAMES 20 FEDERAL COM 26H TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 1,198' TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE JAMES 19 FEDERAL 29H TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 3,490' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM HIGHWAY 128 TO THE PROPOSED LOCATION IS APPROXIMATELY 5.7 MILES.