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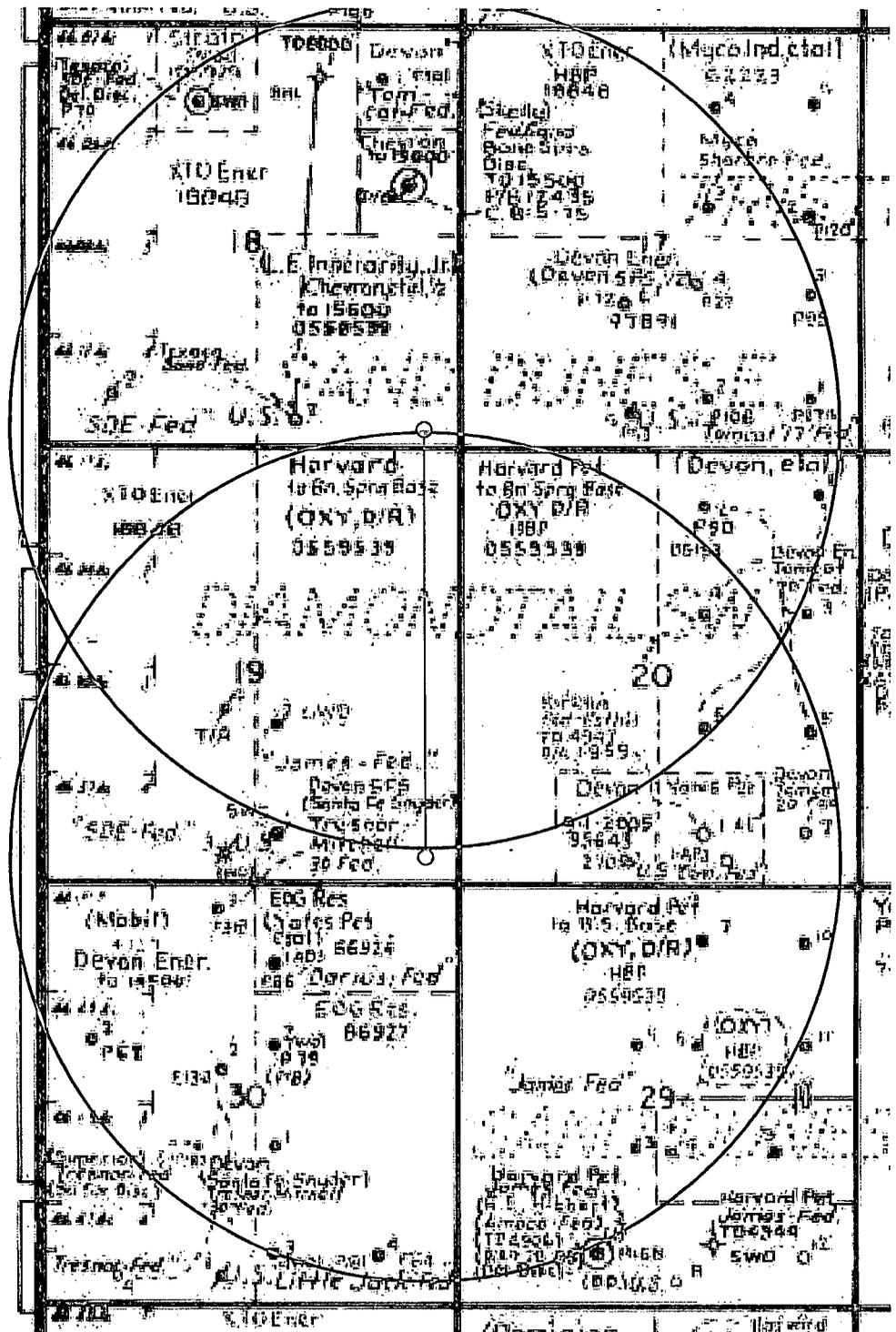
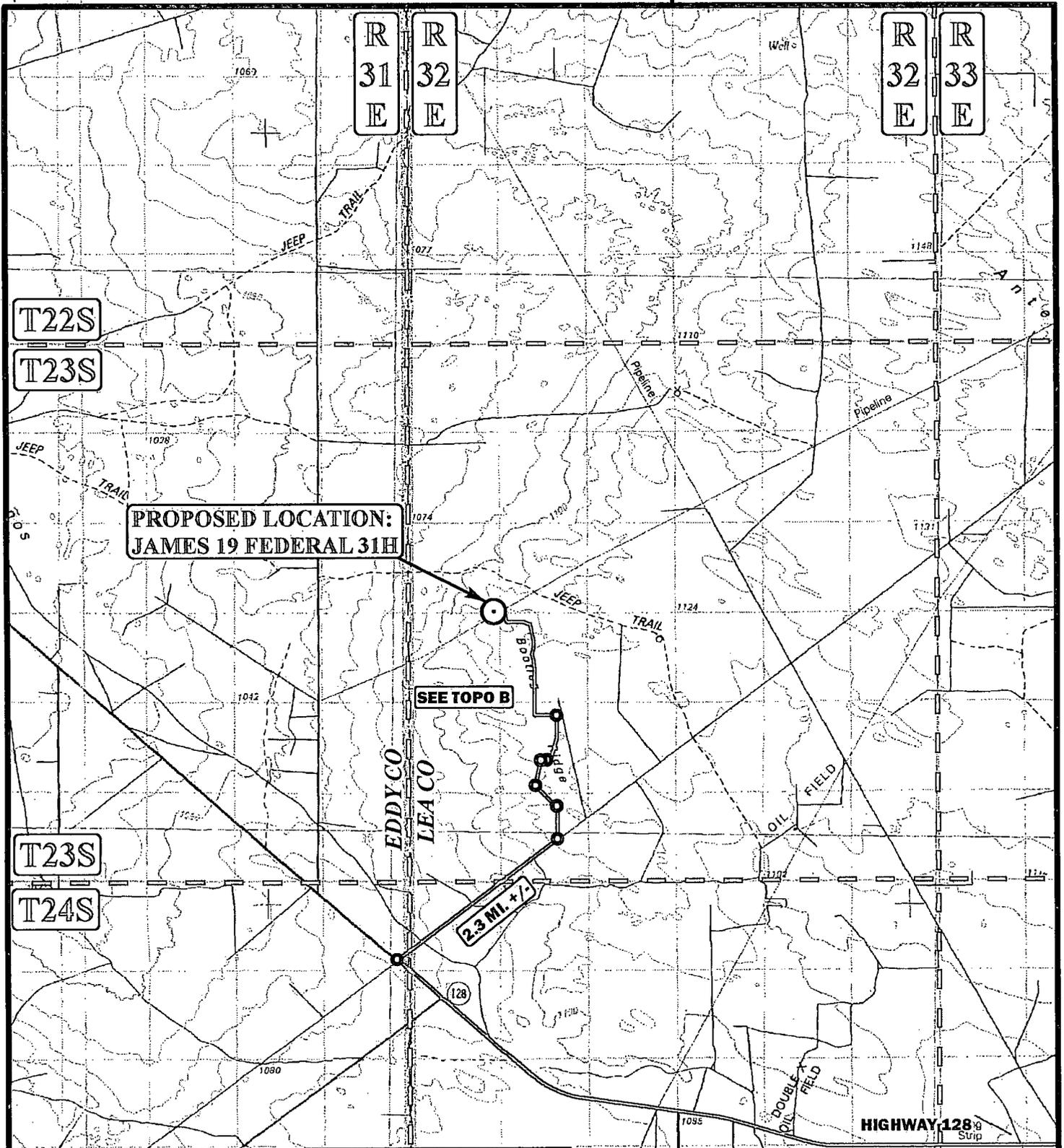


Exhibit A – One Mile Radius Map
James 19 Federal 31H
Cimarex Energy Company
18-23S-32E
SHL 50 FSL & 330 FEL, Sec. 18-23S-32E
BHL 330 FSL & 440 FEL, Sec. 19-23S-32E
Lea County, NM

Public Access Road Map



**PROPOSED LOCATION:
JAMES 19 FEDERAL 31H**

SEE TOPO B

2.3 MI. +/-

HIGHWAY 128 Strip

LEGEND:
 **PROPOSED LOCATION**
MALAGA, NEW MEXICO IS +/- 22.0 MILES WESTERLY

SCALE: 1:100,000	REVISED: 10-08-13
DRAWN BY: J.L.H.	REV:10-16-13J.L.G.
DATE DRAWN: 09-19-13	



CIMAREX **CIMAREX ENERGY CO.**

**JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
50' FSL 330' FEL**

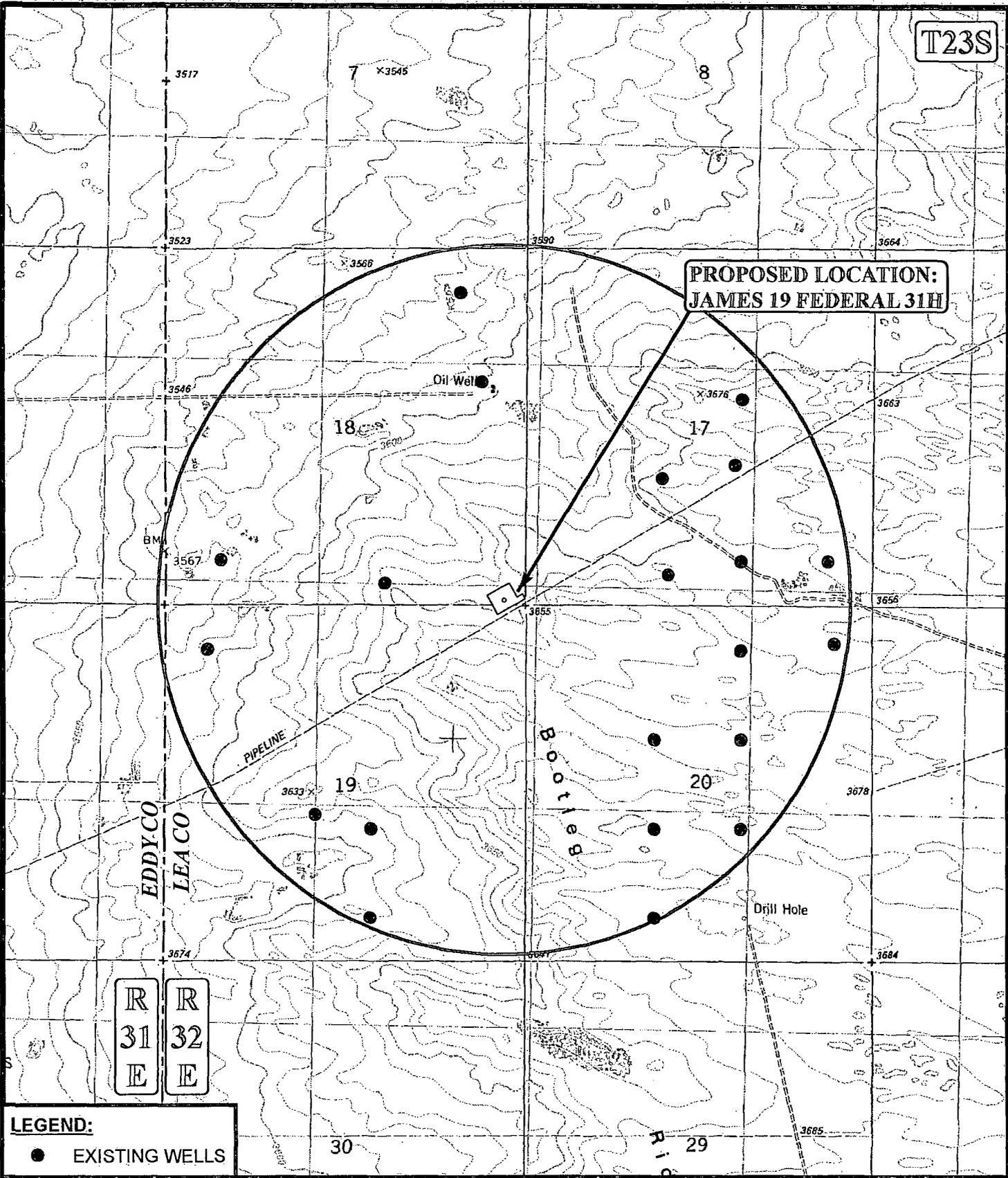


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Vernal, UT 84078 * (435) 789-1017

ACCESS ROAD MAP **TOPO A**

Exhibit B

T23S



**PROPOSED LOCATION:
JAMES 19 FEDERAL 31H**

R	R
31	32
E	E

LEGEND:
● EXISTING WELLS

SCALE: 1" = 2000'	REVISED:
DRAWN BY: J.L.H.	
DATE DRAWN: 09-19-13	



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JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
50' FSL 330' FEL



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TOPOGRAPHIC MAP **TOPO C**

Exhibit C

T23S

JAMES 19
FEDERAL 29H

JAMES 20
FEDERAL
COM 26H

**PROPOSED LOCATION:
JAMES 19 FEDERAL 31H**

**PROPOSED ACCESS FOR THE
JAMES 19 FEDERAL 29H 2,573' +/-**

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

BLM
19

BLM
20

1.1 MI. +/-

Drill Hole

0.5 MI. +/-

Drill Hole

0.1 MI. +/-

0.3 MI. +/-

0.3 MI. +/-

0.4 MI. +/-

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 UINTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'
 DRAWN BY: J.L.H.
 DATE DRAWN: 09-19-13

REVISED: 10-08-13
 REV:10-16-13J.L.G.



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
50' FSL 330' FEL

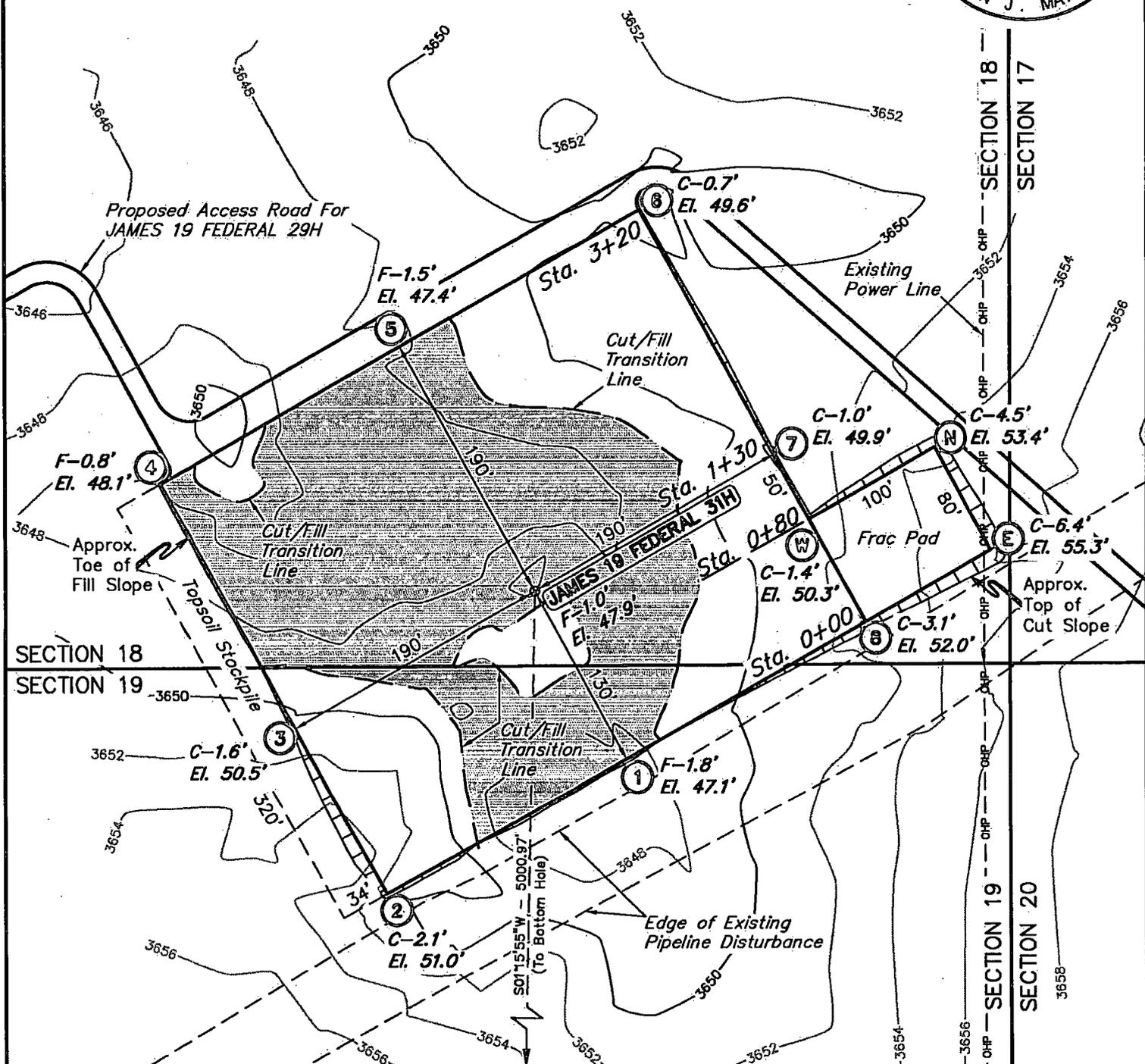
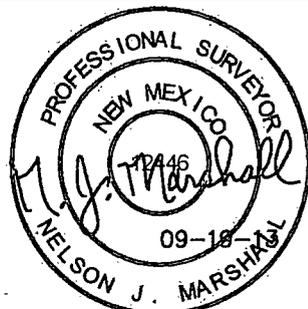
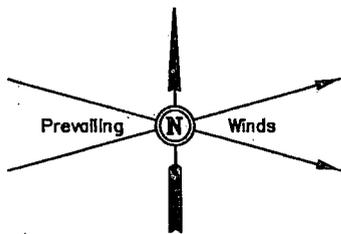
ACCESS ROAD MAP

TOPO B



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Vernal, UT 84078 * (435) 789-1017

Exhibit C-1



ELEV. UNGRADED GROUND AT LOC. STAKE = 3647.9' FINISHED GRADE ELEV. AT LOC. STAKE = 3648.9'

- NOTES:**
- 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 1.0' @ the location stake for balance. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

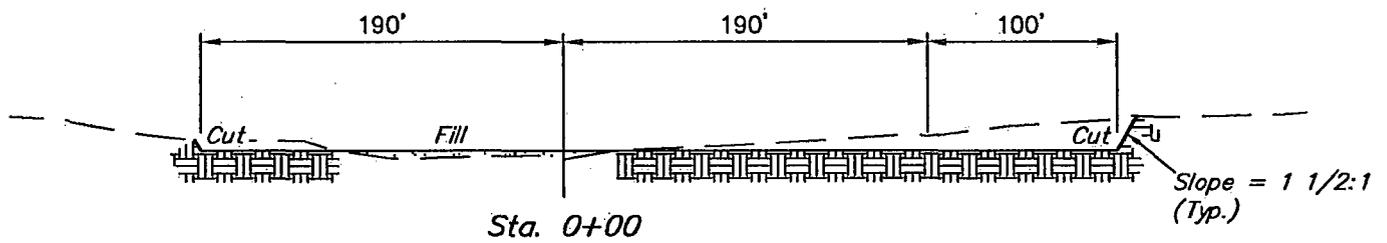
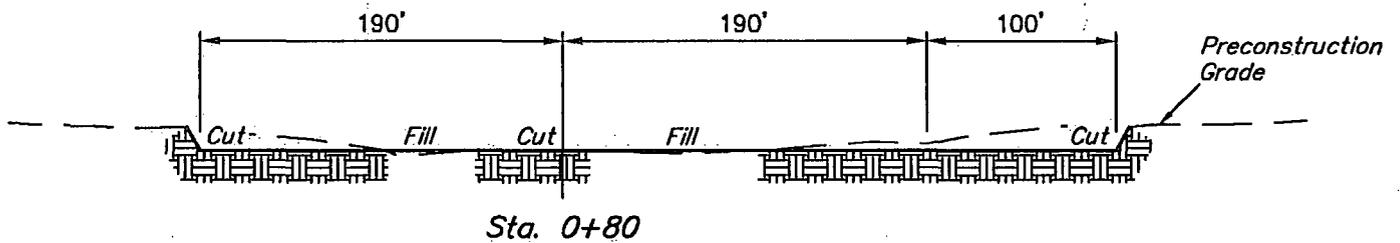
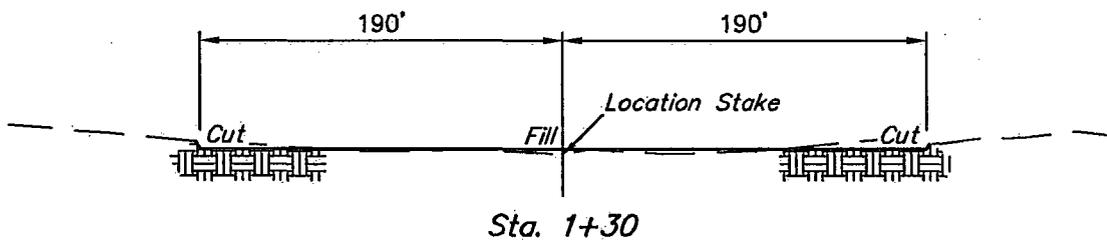
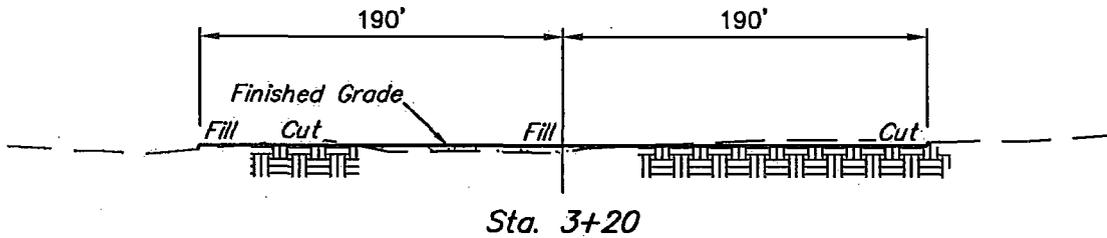
Exhibit C-1

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CIMAREX		CIMAREX ENERGY CO.	
JAMES 19 FEDERAL 31H SECTION 18, T23S, R32E, N.M.P.M. 50' FSL 330' FEL			
DRAWN BY: J.S.	SCALE: 1" = 100'		
DATE: 09-19-13	REVISED:		
LOCATION LAYOUT			FIGURE #1

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



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(5") TOPSOIL STRIPPING	2,080 Cu. Yds.	WELL SITE DISTURBANCE	DISTANCE	ACRES
REMAINING LOCATION	3,360 Cu. Yds.		N/A	±3.320
TOTAL CUT	5,440 Cu. Yds.	TOTAL SURFACE USE AREA	N/A	±3.320
FILL	3,360 Cu. Yds.			
EXCESS MATERIAL	2,080 Cu. Yds.			
TOPSOIL	2,080 Cu. Yds.			
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.			

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

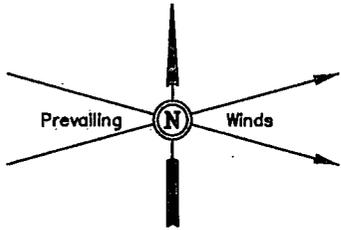
CIMAREX **CIMAREX ENERGY CO.**

JAMES 19 FEDERAL 31H
 SECTION 18, T23S, R32E, N.M.P.M.
 50' FSL 330' FEL

DRAWN BY: J.S. SCALE: AS SHOWN
 DATE: 09-19-13 REVISED:

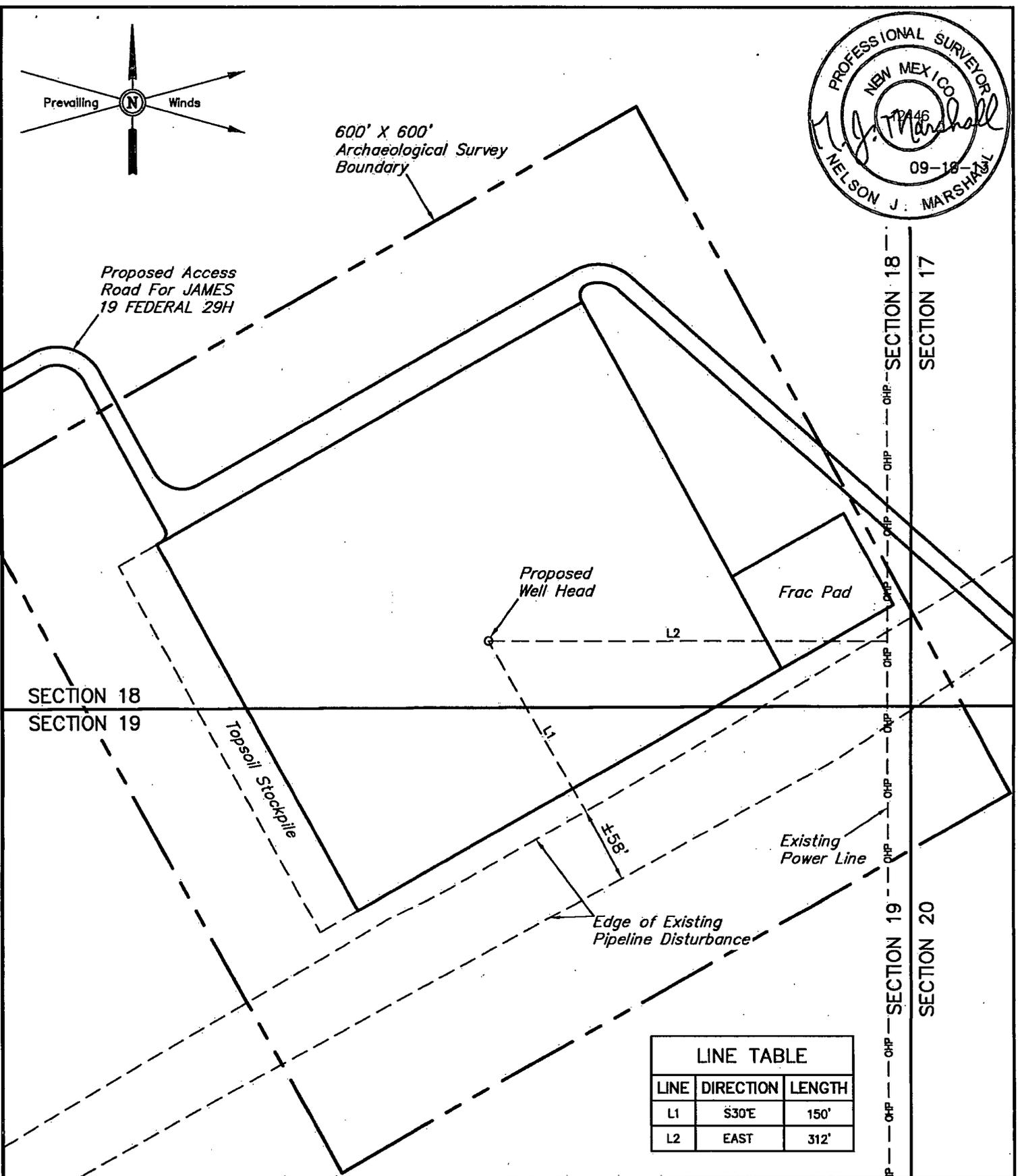


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 Vernal, UT 84078 * (435) 789-1017



600' X 600'
Archaeological Survey
Boundary

Proposed Access
Road For JAMES
19 FEDERAL 29H



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S30°E	150'
L2	EAST	312'

NOTES:

Exhibit C-1



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
50' FSL 330' FEL



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

DRAWN BY: J.S.

SCALE: 1" = 100'

DATE: 09-19-13

REVISED:

ARCHAEOLOGICAL SURVEY
BOUNDARY

FIGURE #4

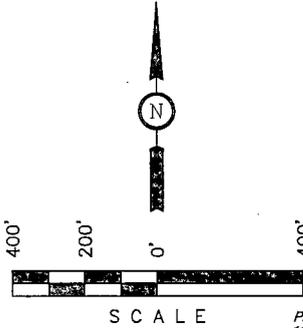
Sec. 18

Handwritten: Tank Battery

SW 1/4
1/16 Section Line

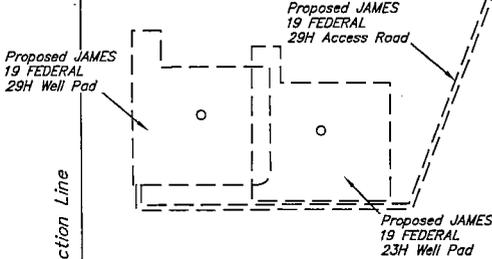
SE 1/4

S00°00'32"E - 2638.51' (Meas.)



BLM
BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00
(At Proposed JAMES 19 FEDERAL 29H Access Pad)
END OF PROPOSED 31 ROAD RIGHT-OF-WAY STA. 0+39.82
(At Edge of Proposed Well Pad)

Section Line N89°44'00"E - 5486.55' (Meas.)



Proposed JAMES 19 FEDERAL 24H Well Pad

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S60°47'19"W	39.82'

NW 1/4

NE 1/4

Section Line N00°01'14"E - 2640.24' (Meas.)

Sec. 19

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 18, T23S, R32E, N.M.P.M., WHICH BEARS N34°23'19"W 380.36' FROM THE SOUTHEAST CORNER OF SAID SECTION 18, THENCE S60°47'19"W 39.82' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 18, WHICH BEARS N40°17'09"W 385.99' 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 0.027 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N34°23'19"W 380.36' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

END OF ROAD STA. 0+39.82 BEARS N40°17'09"W 385.99' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
BLM	39.82	0.027	2.41

▲ = SECTION CORNERS LOCATED.

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 J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO
01-24-13

NOTES:
* The maximum grade of existing ground for the proposed access road is ±0.2%.

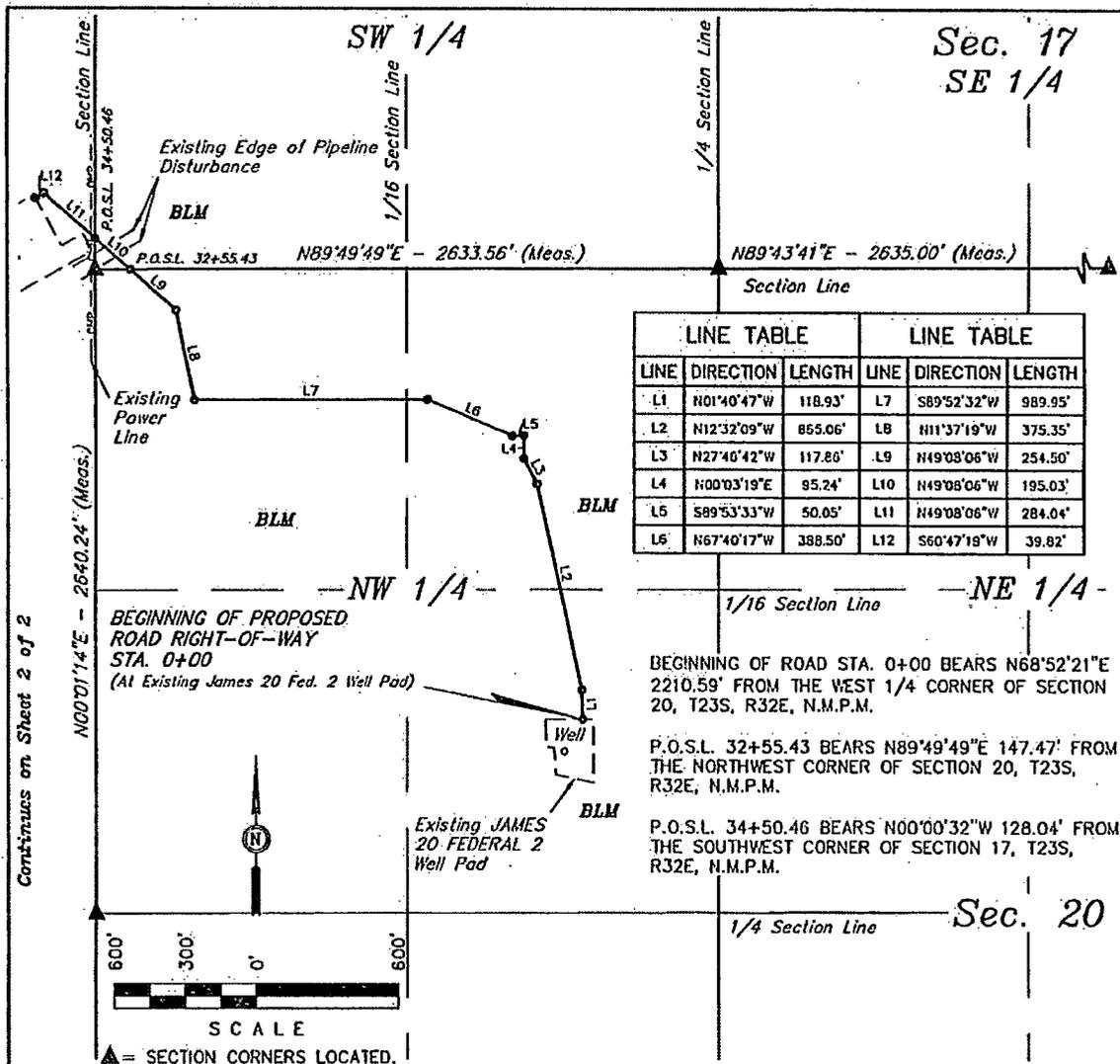
CIMAREX ENERGY CO.

JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
50' FSL 330' FEL

DRAWN BY: C.A.G. SCALE: 1" = 400'
DATE: 11-26-13 REV: 01-24-14 B.D.H.



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Vernal, UT 84078 * (435) 789-1017



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	284.04'
L6	N67°40'17"W	388.50'	L12	S60°47'19"W	39.82'

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 284.04'; THENCE S60°47'19"W 39.82' TO A POINT IN THE SE 1/4 SE 1/4 OF SECTION 18, T23S, R32E, N.M.P.M., WHICH BEARS N40°17'09"W 385.99' FROM THE SOUTHEAST 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 2.599 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	323.86	0.223	19.63
TOTAL ON BLM	3774.32	2.599	228.75

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.
 [Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446
 STATE OF NEW MEXICO
 11-26-13
 SHEET 1 of 2

NOTES:
 * The maximum grade of existing ground for the proposed access road is 16%.

Exhibit C-1

UINTAH
 ENGINEERING & LAND SURVEYING

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

CIMAREX **CIMAREX ENERGY CO.**

JAMES 19 FEDERAL 31H
 SECTION 18, T23S, R32E, N.M.P.M.
 60' FSL 330' FEL

DRAWN BY: C.A.G. SCALE: 1" = 600'
 DATE: 11-26-13 REV:

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

CIMAREX ENERGY CO.
JAMES 19 FEDERAL 31H
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 2,573' TO THE PROPOSED LOCATION.

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