

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**Carlsbad Field Office**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (ARD) for such proposals.*

5. Lease Serial No.  
NMNM26394

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

SEP 26 2018  
RECEIVED

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. VACA DRAW 20-17 FEDERAL 2H
2. Name of Operator CIMAREX ENERGY COMPANY Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com		9. API Well No. 30-025-44136
3a. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432.620.1933	10. Field and Pool or Exploratory Area WILDCAT; WOLFCAMP (98250)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T25S R33E SESW 390FSL 1910FWL 32.109906 N Lat, 103.596681 W Lon		11. County or Parish, State LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A PD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Cimarex respectfully requests to upsize the flowlines & gas lift pipelines as follows to service the Vaca Draw 20-17 Federal #2H:

- (1) - 1,533' buried 6" steel flowline pipeline
- (1) - 1,588' buried 6" steel gas lift pipeline.

The pipelines will be buried in the same ditch and follow a road to the previously approved Vaca Draw 20-17 CTB located in the W2 of Sec. 20.

The 6" pipelines replace the previously approved 4" pipelines.

No additional disturbance required.

Surface good 9-20-18 JLP

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #435798 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 09/19/2018 ()

Name (Printed/Typed) FATIMA VASQUEZ	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 09/18/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title AFM - LAM	Date 09/20/2018
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office CPO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

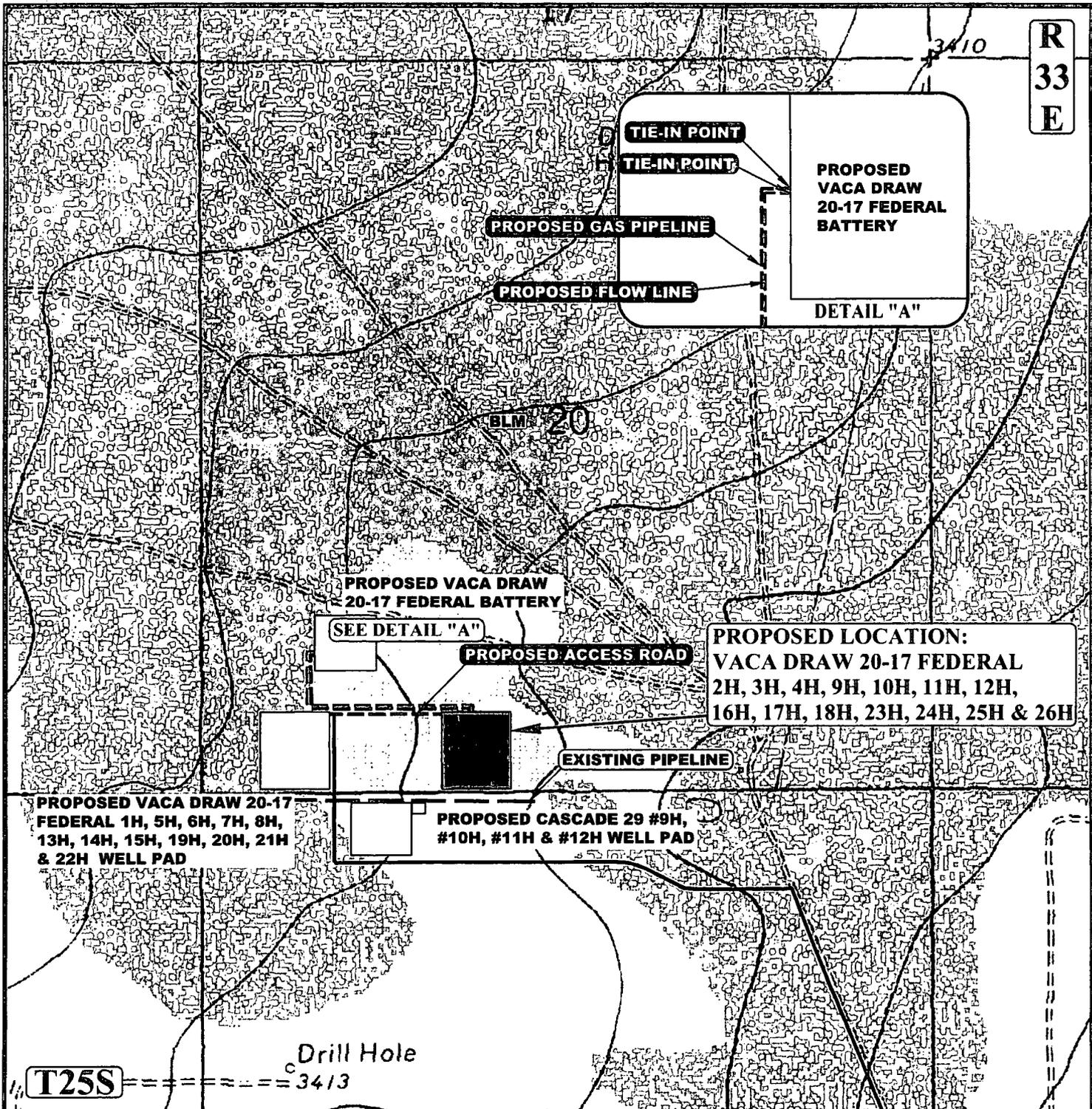
**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #435798 that would not fit on the form**

**32. Additional remarks, continued**

Please see the attached plats.

R  
33  
E



APPROXIMATE TOTAL GAS PIPELINE DISTANCE = 1,588' +/-

APPROXIMATE TOTAL FLOW LINE DISTANCE = 1,533' +/-

NOTE: 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 AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

- EXISTING ROAD
- PROPOSED ROAD
- - - - PROPOSED GAS PIPELINE
- - - - PROPOSED FLOW LINE
- - - - PROPOSED POWER LINE (SERVICING OTHER WELLS)



**CIMAREX ENERGY CO.**

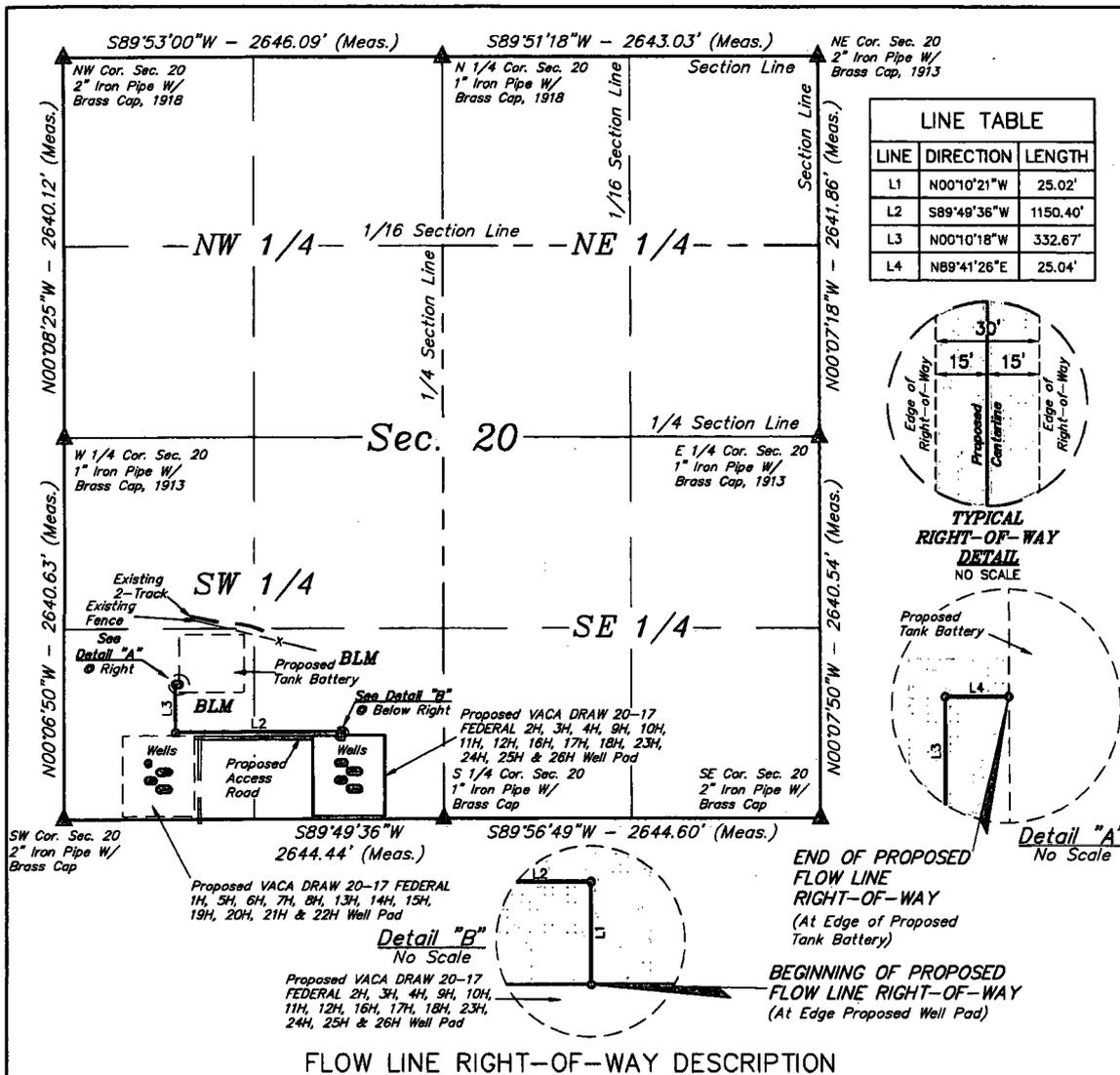
VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H  
SE 1/4 SW 1/4, SECTION 20, T25S, R33E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J., D.J.	01-20-17	SCALE
DRAWN BY	C.I.	01-28-17	1:12,000

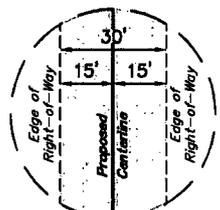
**GAS PIPELINE / FLOW LINE MAP EXHIBIT G**



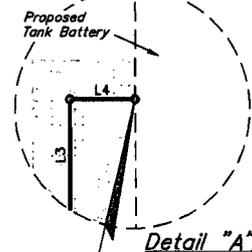
**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



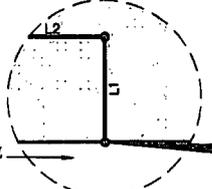
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°10'21"W	25.02'
L2	S89°49'36"W	1150.40'
L3	N00°10'18"W	332.67'
L4	N89°41'26"E	25.04'



TYPICAL RIGHT-OF-WAY DETAIL  
NO SCALE



Detail "A"  
No Scale



Detail "B"  
No Scale

END OF PROPOSED FLOW LINE RIGHT-OF-WAY  
(At Edge of Proposed Tank Battery)

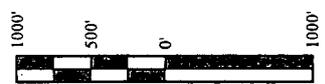
BEGINNING OF PROPOSED FLOW LINE RIGHT-OF-WAY  
(At Edge Proposed Well Pad)

**FLOW LINE 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 20, T25S, R33E, N.M.P.M., WHICH BEARS N51°05'15"W 919.92' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THENCE N00°10'21"W 25.02'; THENCE S89°49'36"W 1150.40'; THENCE N00°10'18"W 332.67'; THENCE N89°41'26"E 25.04' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 20, WHICH BEARS N40°28'21"E 1235.90' FROM THE SOUTHWEST CORNER OF SAID SECTION 20. 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 1.056 ACRES MORE OR LESS.

BEGINNING OF FLOW LINE BEARS N51°05'15"W 919.92' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T25S, R33E, N.M.P.M.

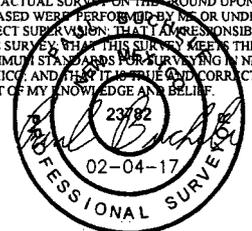
END OF FLOW LINE BEARS N40°28'21"E 1235.90' FROM THE SOUTHWEST CORNER OF SECTION 20, T25S, R33E, N.M.P.M.



ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 20 (SW 1/4)	BLM	1533.12	92.92	1.056

▲ = SECTION CORNERS LOCATED.

CERTIFICATE  
 THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**UJINTAH**  
ENGINEERING & LAND SURVEYING

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

**CIMAREX ENERGY CO.**

VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H  
 SECTION 20, T25S, R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J. D.J.	01-20-17	SCALE
DRAWN BY	B.D.H.	02-04-17	1" = 1000'

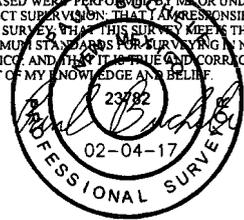
**FLOW LINE R-O-W**

NOTES:  
 \* Basis of bearing is a G.P.S. observation (Vertical Control Datum: NAVD88)

CIMAREX ENERGY CO.-VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H			
SECTION CORNER	DESCRIPTION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 20, T25S, R33E	2" IRON PIPE W/ BRASS CAP, 1918	N 32°07'24.04"	W 103°36'10.23"
N 1/4 COR. SEC. 20, T25S, R33E	1" IRON PIPE W/ BRASS CAP, 1918	N 32°07'24.02"	W 103°35'39.47"
NE COR. SEC. 20, T25S, R33E	2" IRON PIPE W/ BRASS CAP, 1913	N 32°07'24.02"	W 103°35'08.74"
E 1/4 COR. SEC. 20, T25S, R33E	1" IRON PIPE W/ BRASS CAP, 1913	N 32°06'57.88"	W 103°35'08.76"
W 1/4 COR. SEC. 20, T25S, R33E	1" IRON PIPE W/ BRASS CAP, 1913	N 32°06'57.92"	W 103°36'10.23"
SW COR. SEC. 20, T25S, R33E	2" IRON PIPE W/ BRASS CAP	N 32°06'31.79"	W 103°36'10.25"
S 1/4 COR. SEC. 20, T25S, R33E	1" IRON PIPE W/ BRASS CAP	N 32°06'31.80"	W 103°35'39.51"
SE COR. SEC. 20, T25S, R33E	2" IRON PIPE W/ BRASS CAP	N 32°06'31.76"	W 103°35'08.77"

CIMAREX ENERGY CO.-VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H			
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°06'37.54"	W 103°35'47.82"
1	0+25.02	N 32°06'37.79"	W 103°35'47.82"
2	11+75.41	N 32°06'37.78"	W 103°36'01.19"
3	15+08.08	N 32°06'41.07"	W 103°36'01.19"
END	15+33.12	N 32°06'41.07"	W 103°36'00.90"

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FILE: 61383-B

Sheet 2 of 2

NOTES:

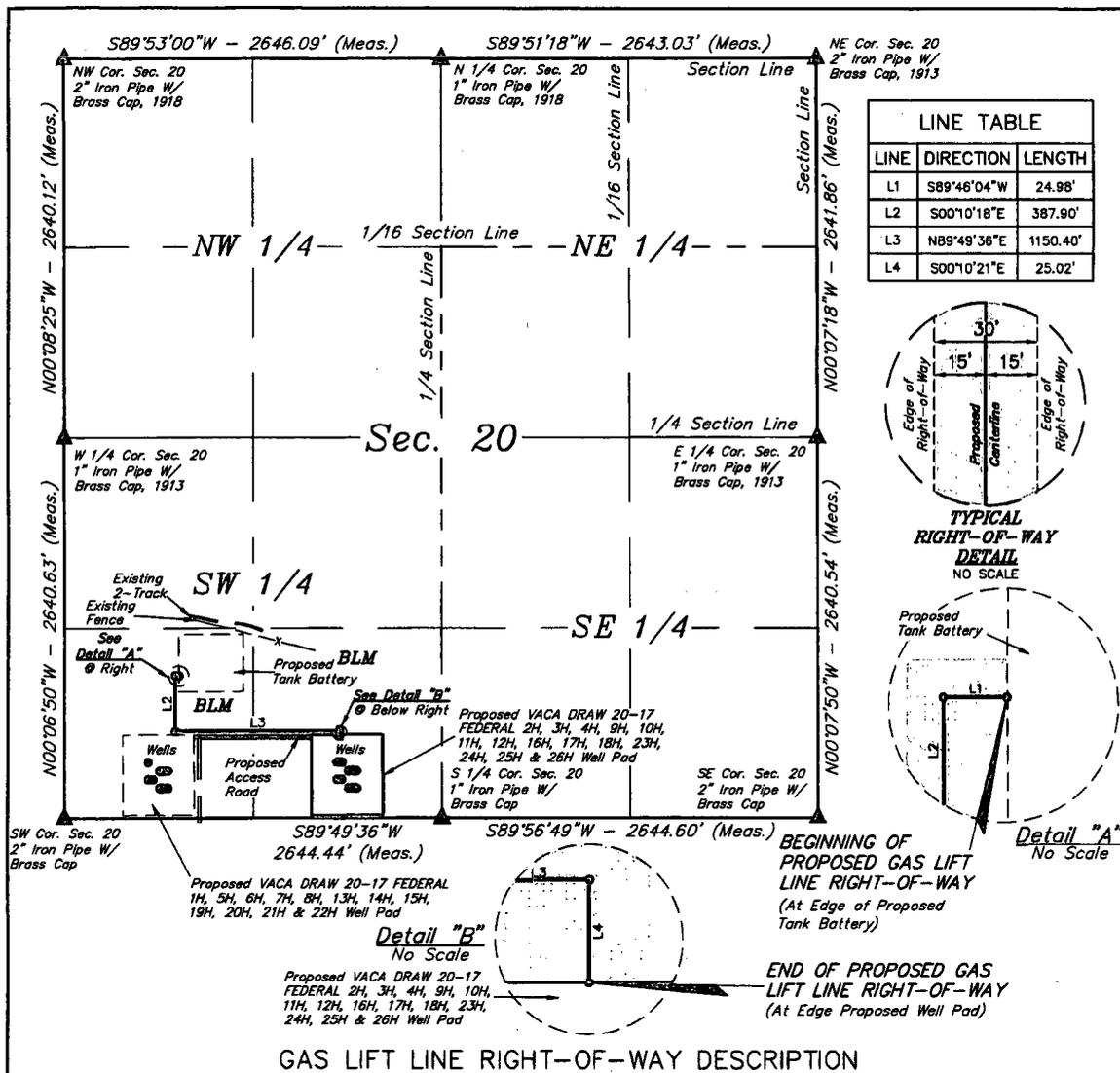
**CIMAREX ENERGY CO.**

VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H  
 SECTION 20, T25S, R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

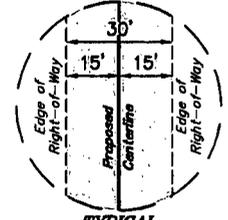
SURVEYED BY	C.J. D.J.	01-20-17	SCALE
DRAWN BY	B.D.H.	02-04-17	N/A
<b>FLOW LINE R-O-W</b>			



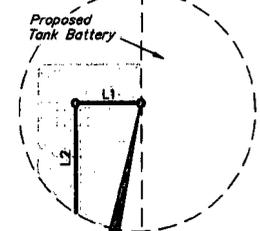
UELS, LLC  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



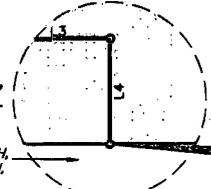
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°46'04"W	24.98'
L2	S00°10'18"E	387.90'
L3	N89°49'36"E	1150.40'
L4	S00°10'21"E	25.02'



TYPICAL RIGHT-OF-WAY DETAIL  
NO SCALE



BEGINNING OF PROPOSED GAS LIFT LINE RIGHT-OF-WAY  
(At Edge of Proposed Tank Battery)



END OF PROPOSED GAS LIFT LINE RIGHT-OF-WAY  
(At Edge Proposed Well Pad)

**GAS LIFT LINE RIGHT-OF-WAY DESCRIPTION**

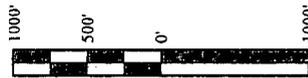
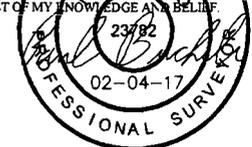
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 20, T25S, R33E, N.M.P.M., WHICH BEARS N38°51'32"E 1278.25' FROM THE SOUTHWEST CORNER OF SAID SECTION 20, THENCE S89°46'04"W 24.98'; THENCE S00°10'18"E 387.90'; THENCE N89°49'36"E 1150.40'; THENCE S00°10'21"E 25.02' TO A POINT IN THE SE 1/4 SW 1/4 OF SAID SECTION 20, WHICH BEARS N51°05'15"W 919.92' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20. 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 1.094 ACRES MORE OR LESS.

BEGINNING OF GAS LIFT LINE BEARS N38°51'32"E 1278.25' FROM THE SOUTHWEST CORNER OF SECTION 20, T25S, R33E, N.M.P.M.

END OF GAS LIFT LINE BEARS N51°05'15"W 919.92' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T25S, R33E, N.M.P.M.

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ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 20 (SW 1/4)	BLM	1588.29	96.26	1.094

▲ = SECTION CORNERS LOCATED.

FILE: 61382-A

Sheet 1 of 2

**NOTES:**  
Basis of bearing is a G.P.S. observation (Vertical Control Datum: NAVD88)

**CIMAREX ENERGY CO.**  
VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H  
SECTION 20, T25S, R33E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J. D.J.	01-20-17	SCALE
DRAWN BY	B.D.H.	02-04-17	1" = 1000'

**GAS LIFT LINE R-O-W**

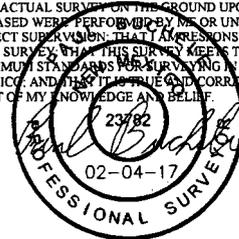


**UELS, LLC**  
Corporate Office • 85 South 200 East  
Vernal, UT 84078 • (435) 789-1017

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CIMAREX ENERGY CO.-VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H			
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°06'41.62"	W 103°36'00.90"
1	0+24.98	N 32°06'41.62"	W 103°36'01.19"
2	4+12.88	N 32°06'37.78"	W 103°36'01.19"
3	15+63.27	N 32°06'37.79"	W 103°35'47.82"
END	15+88.29	N 32°06'37.54"	W 103°35'47.82"

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FILE: 61382-B

Sheet 2 of 2

NOTES:

**CIMAREX ENERGY CO.**

VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H  
 SECTION 20, T25S, R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J. D.J.	01-20-17	SCALE
DRAWN BY	B.D.H.	02-04-17	N/A

**GAS LIFT LINE R-O-W**



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 Vernal, UT 84078 \* (435) 789-1017