

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

Lease Serial No.  
NMMN26394

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions**

**HOBBS OED**

1. Type of Well  
 Oil Well  Gas Well  Other

SEP 26 2018

8. Well Name and No.  
VACA DRAW 20-17 FEDERAL 8H

2. Name of Operator  
CIMAREX ENERGY COMPANY

Contact: FATIMA VASQUEZ  
E-Mail: fvasquez@cimarex.com

**RECEIVED**

9. API Well No.  
30-025-44359

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 SWSW 330FSL 710FWL  
32.109739 N Lat, 103.600556 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 APD
	<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. If the proposal is to deepen directionally or recomplate 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 recomplate 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 #8H:

- (1) - 612' buried 6" steel flowline pipeline
- (1) - 628' buried 6" steel gas lift pipeline.

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

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

No additional disturbance required.

*Surface good 9-20-18 JR*

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

Electronic Submission #435829 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

*[Signature]*

Title

*AFM - L&M*

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

*CFO*

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 \*\***

R  
33  
E

3410

Drill Hole

DETAIL "A"

PROPOSED FLOW LINE

TIE-IN POINT

PROPOSED VACA DRAW  
20-17 FEDERAL BATTERY

PROPOSED GAS PIPELINE

TIE-IN POINT

DETAIL "B"

BLM 20

PROPOSED LOCATION:  
VACA DRAW 20-17 FEDERAL  
1H, 5H, 6H, 7H, 8H, 13H, 14H,  
15H, 19H, 20H, 21H & 22H

PROPOSED POWER LINE  
FOR THE VACA DRAW  
20-17 FEDERAL BATTERY

PROPOSED VACA DRAW  
20-17 FEDERAL BATTERY

SEE DETAIL "B"

SEE DETAIL "A"

PROPOSED ACCESS ROAD

EXISTING PIPELINE

PROPOSED CASCADE 29 #9H,  
#10H, #11H & #12H WELL PAD

Drill Hole

T25S

3413

APPROXIMATE TOTAL GAS PIPELINE DISTANCE = 628' +/-

APPROXIMATE TOTAL FLOW LINE DISTANCE = 612' +/-

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)



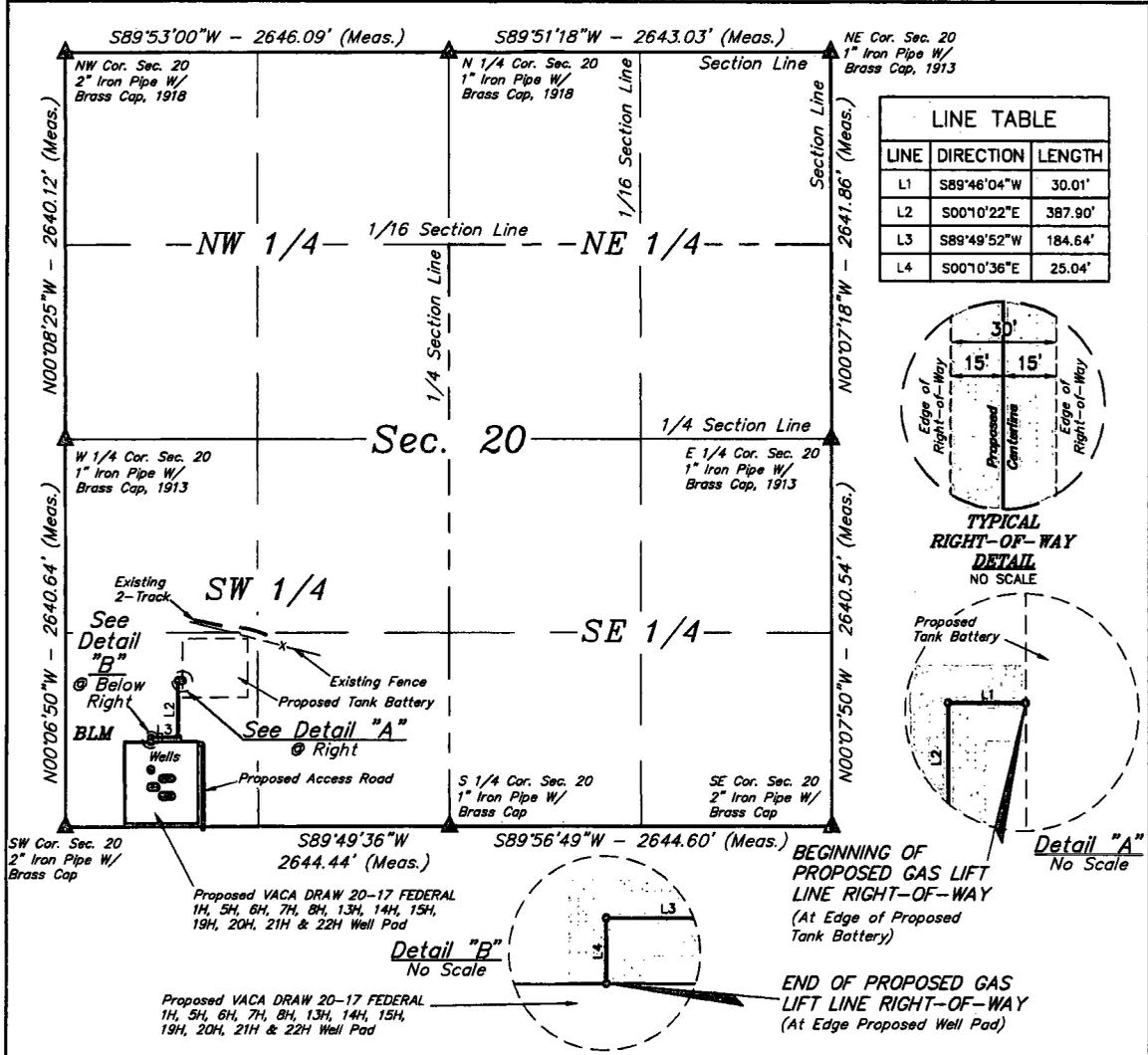
**CIMAREX ENERGY CO.**

VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H,  
8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H  
SW 1/4 SW 1/4, SECTION 20, T25S, R33E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

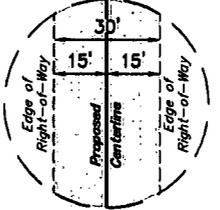
SURVEYED BY	C.J., D.J.	01-19-17	SCALE
DRAWN BY	T.E.	01-24-17	1 : 12,000
<b>GAS PIPELINE / FLOW LINE MAP</b>			<b>EXHIBIT G</b>



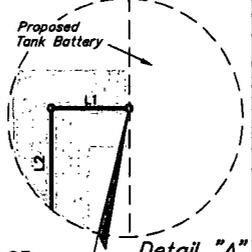
**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



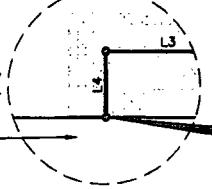
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°46'04\"W	30.01'
L2	S00°10'22\"E	387.90'
L3	S89°49'52\"W	184.64'
L4	S00°10'36\"E	25.04'



TYPICAL RIGHT-OF-WAY DETAIL NO SCALE



Detail "A" No Scale



Detail "B" No Scale

**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°51'38\"E 1278.28' FROM THE SOUTHWEST CORNER OF SAID SECTION 20, THENCE S89°46'04\"W 30.01'; THENCE S00°10'22\"E 387.90'; THENCE S89°49'52\"W 184.64'; THENCE S00°10'36\"E 25.04' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 20, WHICH BEARS N45°20'09\"E 827.60' 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 0.432 ACRES MORE OR LESS.

BEGINNING OF GAS LIFT LINE BEARS N38°51'38\"E 1278.28' FROM THE SOUTHWEST CORNER OF SECTION 20, T25S, R33E, N.M.P.M.

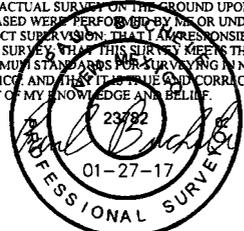
END OF GAS LIFT LINE BEARS N45°20'09\"E 827.60' FROM THE SOUTHWEST CORNER OF SECTION 20, T25S, R33E, N.M.P.M.



ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 20 (SW 1/4)	BLM	627.59	38.04	0.432

▲ = 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 I AM THE ONLY PARTY IN CONTACT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



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

**CIMAREX ENERGY CO.**  
VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H SECTION 20, T25S, R33E, N.M.P.M. LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J., D.J.	01-19-17	SCALE
DRAWN BY	B.D.H.	01-27-17	1" = 1000'

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

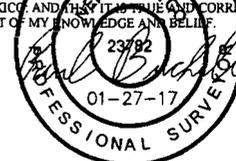


**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

CIMAREX ENERGY CO.-VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H			
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 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H			
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°06'41.62"	W 103°36'00.90"
1	0+30.01	N 32°06'41.62"	W 103°36'01.25"
2	4+17.91	N 32°06'37.78"	W 103°36'01.25"
3	6+02.55	N 32°06'37.78"	W 103°36'03.39"
END	6+27.59	N 32°06'37.53"	W 103°36'03.39"

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FILE: 61356-B

Sheet 2 of 2

NOTES:

CIMAREX ENERGY CO.

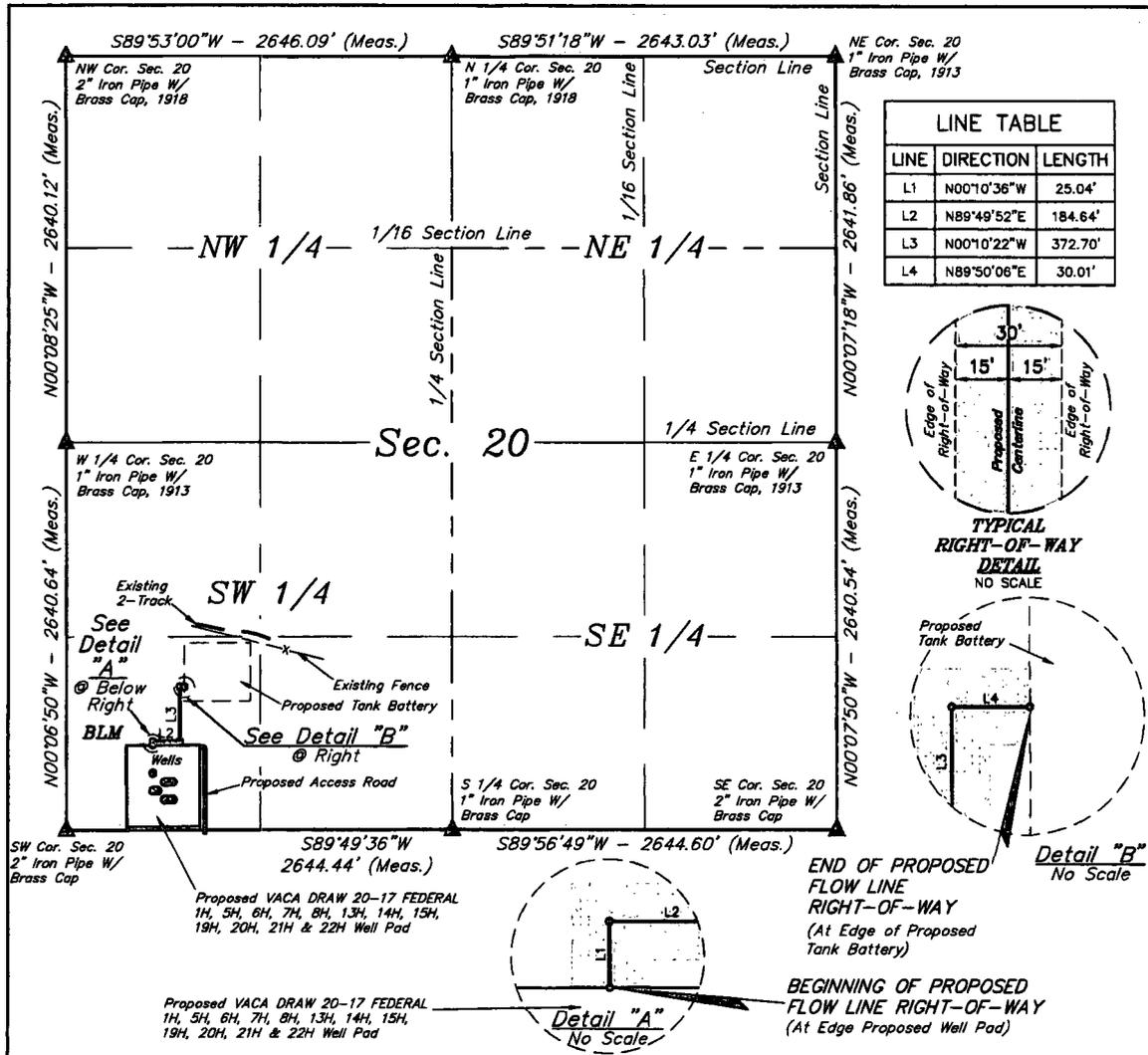
VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H  
 SECTION 20, T25S, R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J. D.J.	01-19-17	SCALE
DRAWN BY	B.D.H.	01-27-17	N/A

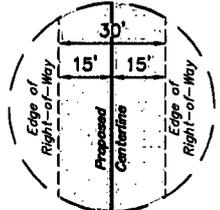
GAS LIFT LINE R-O-W Exhibit G



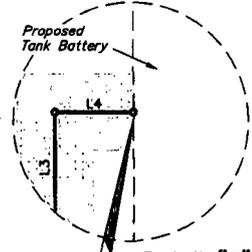
UELS, LLC  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



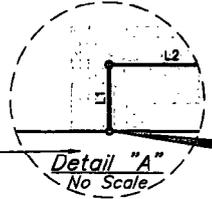
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°10'36"W	25.04'
L2	N89°49'52"E	184.64'
L3	N00°10'22"W	372.70'
L4	N89°50'06"E	30.01'



TYPICAL RIGHT-OF-WAY DETAIL  
NO SCALE



Detail "B"  
No Scale



Detail "A"  
No Scale

**FLOW LINE RIGHT-OF-WAY DESCRIPTION**

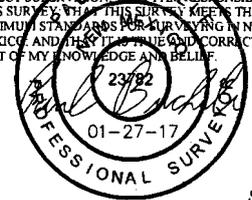
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

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BEGINNING OF FLOW LINE BEARS N45°20'09" E 827.60' FROM THE SOUTHWEST CORNER OF SECTION 20, T25S, R33E, N.M.P.M.

END OF FLOW LINE BEARS N39°17'39" E 1266.48' FROM THE SOUTHWEST 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	612.38	37.11	0.422

▲ = SECTION CORNERS LOCATED.

FILE: 61357-A Sheet 1 of 2

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



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



**CIMAREX ENERGY CO.**

VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H  
SECTION 20, T25S, R33E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J. D.J.	01-19-17	SCALE
DRAWN BY	B.D.H.	01-27-17	1" = 1000'

**FLOW LINE R-O-W Exhibit G**

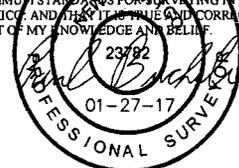
CIMAREX ENERGY CO.-VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H

SECTION CORNER	DESCRIPTION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
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CIMAREX ENERGY CO.-VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H

NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°06'37.53"	W 103°36'03.39"
1	0+25.04	N 32°06'37.78"	W 103°36'03.39"
2	2+09.68	N 32°06'37.78"	W 103°36'01.25"
3	5+82.38	N 32°06'41.47"	W 103°36'01.25"
END	6+12.38	N 32°06'41.47"	W 103°36'00.90"

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FILE: 61357-B

Sheet 2 of 2

NOTES:

**CIMAREX ENERGY CO.**

VACA DRAW 20-17 FEDERAL 1H, 5H, 6H, 7H, 8H, 13H, 14H, 15H, 19H, 20H, 21H & 22H  
 SECTION 20, T25S, R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J. D.J.	01-19-17	SCALE
DRAWN BY	B.D.H.	01-27-17	N/A
<b>FLOW LINE R.O.W. Exhibit G</b>			



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