

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

Hobbs Field Office
Obispo Hobbs
HOBBS OGD

Case Serial No.
NMNM26394

SUBMIT IN TRIPLICATE - Other instructions on page 2

| | | | |
|---|---|---|---------------------------------|
| 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 4H | |
| 2. Name of Operator CIMAREX ENERGY COMPANY | | Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com | 9. API Well No. 30-025-44304 |
| 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 1950FWL 32.109906 N Lat, 103.596550 W Lon | | 11. County or Parish, State LEA COUNTY, NM | |

SEP 26 2018
BY
RECEIVED

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 #4H:

- (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 BR

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

Electronic Submission #435788 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

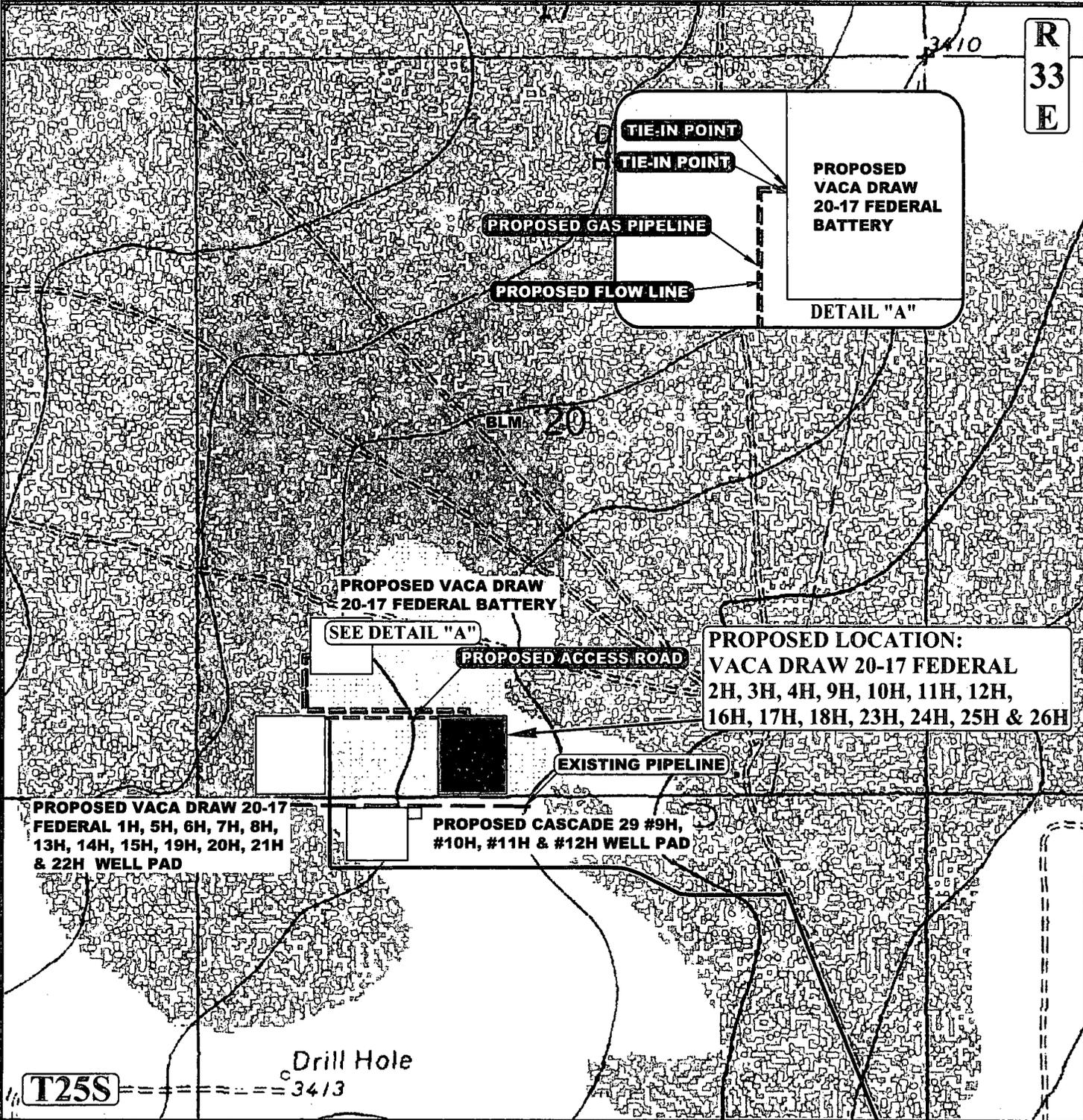
| | | |
|---|------------------------|------------------------|
| Approved By <i>[Signature]</i> | Title <i>AFM - LOM</i> | Date <i>09/20/2018</i> |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to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

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



PROPOSED LOCATION:
 VACA DRAW 20-17 FEDERAL
 2H, 3H, 4H, 9H, 10H, 11H, 12H,
 16H, 17H, 18H, 23H, 24H, 25H & 26H

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

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

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)



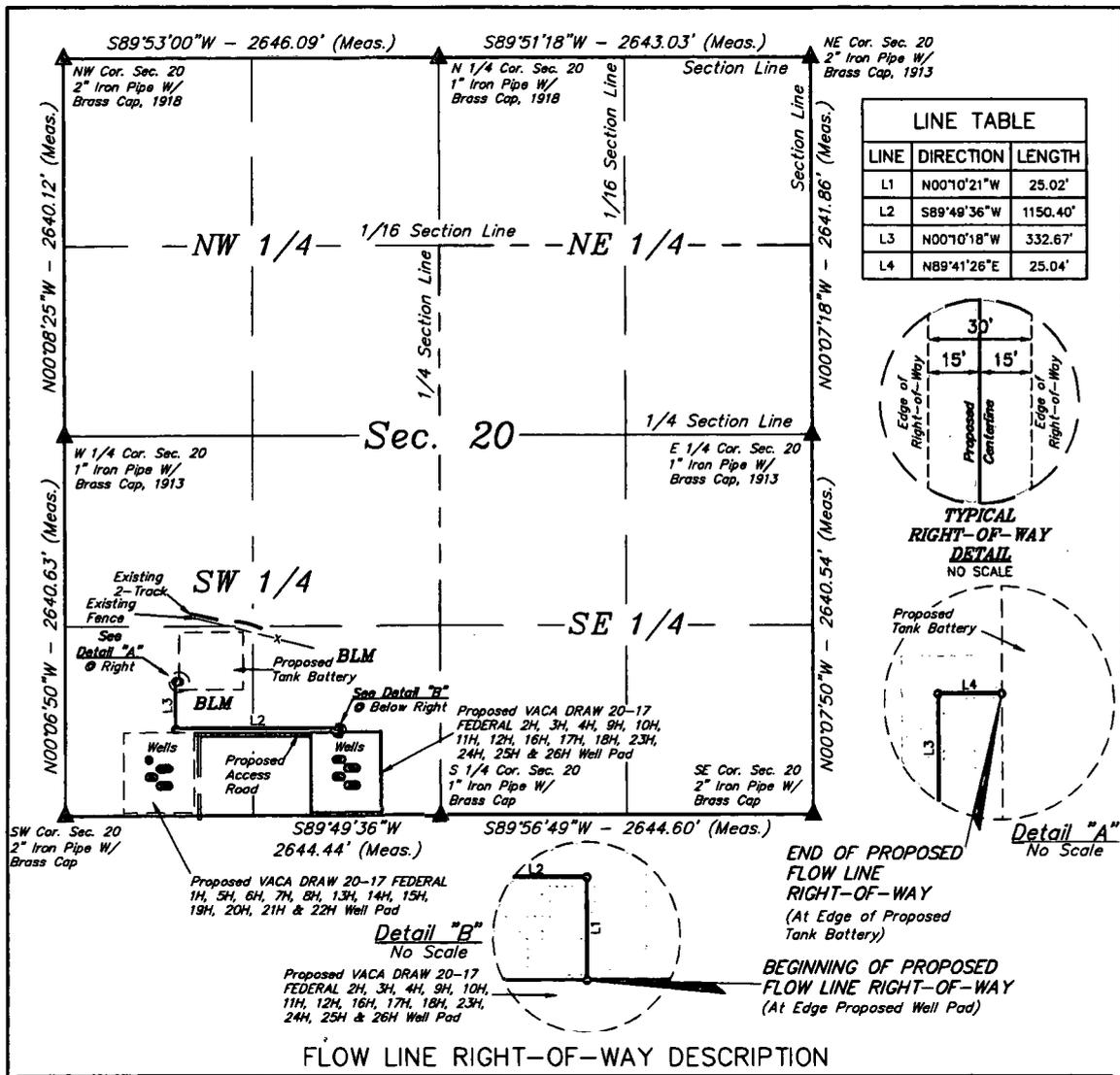
CIMAREX ENERGY CO.

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

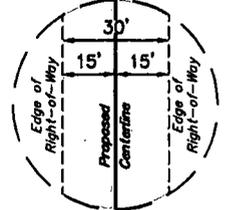
| | | | |
|-------------------------------------|------------|----------|------------------|
| SURVEYED BY | C.J., D.J. | 01-20-17 | SCALE |
| DRAWN BY | C.I. | 01-28-17 | 1 : 12,000 |
| GAS PIPELINE / FLOW LINE MAP | | | EXHIBIT G |



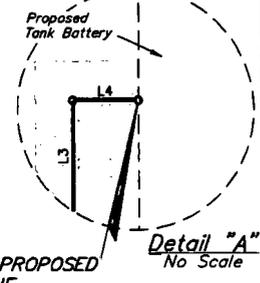
UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017



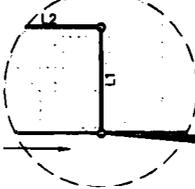
| LINE TABLE | | |
|------------|-------------|----------|
| LINE | DIRECTION | LENGTH |
| L1 | N00°10'21"W | 25.02' |
| L2 | S89°49'36"W | 1150.40' |
| L3 | N00°10'18"W | 332.67' |
| L4 | N89°41'26"E | 25.04' |



TYPICAL RIGHT-OF-WAY DETAIL NO SCALE



Detail "A" No Scale



Detail "B" No Scale

FLOW LINE RIGHT-OF-WAY DESCRIPTION

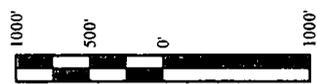
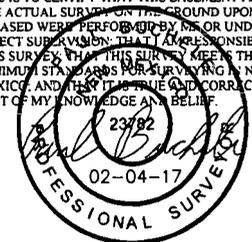
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

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.

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.



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

▲ = SECTION CORNERS LOCATED.

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



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



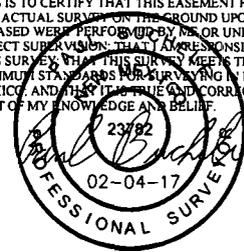
CIMAREX ENERGY CO.
VACA DRAW 20-17 FEDERAL 2II, 3II, 4II, 9II, 10II, 11II, 12II, 16II, 17II, 18II, 23II, 24II, 25II & 26II
SECTION 20, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO

| | | | |
|------------------------|------------|----------|------------|
| 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 | | | |

| 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:

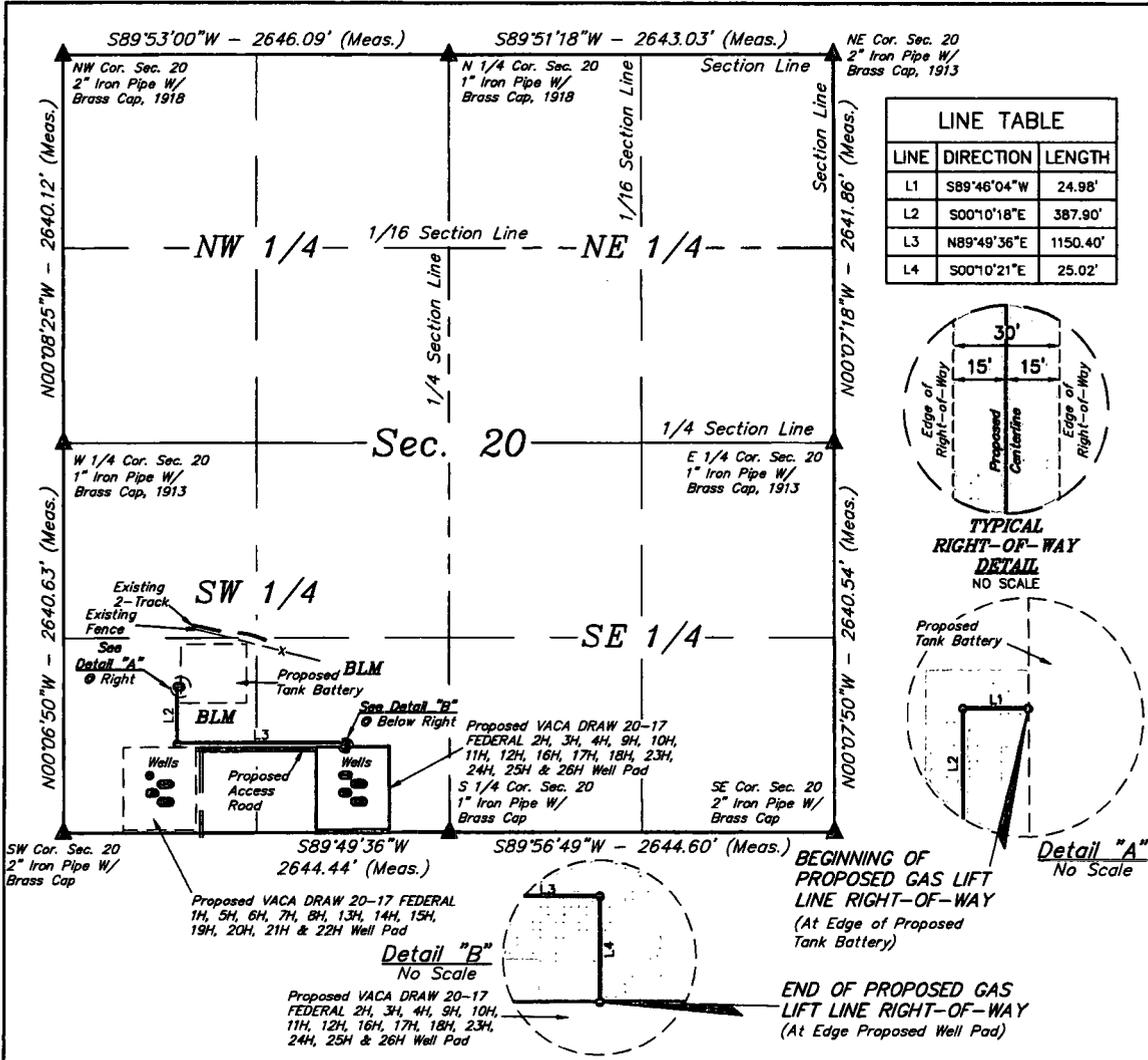
CIMAREX ENERGY CO.

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

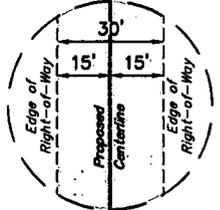
| | | | |
|------------------------|-----------|----------|-------|
| SURVEYED BY | C.J. D.J. | 01-20-17 | SCALE |
| DRAWN BY | B.D.H. | 02-04-17 | N/A |
| FLOW LINE R-O-W | | | |



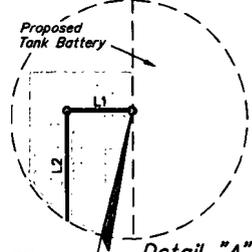
UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017



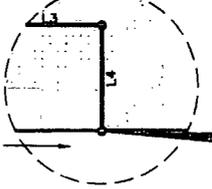
| LINE TABLE | | |
|------------|-------------|----------|
| LINE | DIRECTION | LENGTH |
| L1 | S89°46'04"W | 24.98' |
| L2 | S00°10'18"E | 387.90' |
| L3 | N89°49'36"E | 1150.40' |
| L4 | S00°10'21"E | 25.02' |



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)

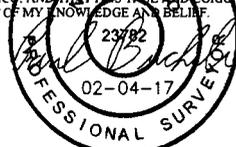
GAS LIFT LINE RIGHT-OF-WAY DESCRIPTION

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.

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

CIMAREX ENERGY CO.
 VACA DRAW 20-17 FEDERAL 2II, 3II, 4II, 9II, 10II, 11II, 12II, 16II, 17II, 18II, 23II, 24II, 25II & 26II
 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

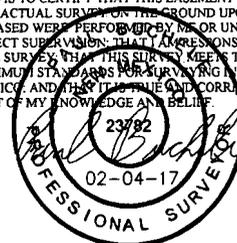


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 Vernal, UT 84078 • (435) 789-1017

| CIMAREX ENERGY CO.-VACA DRAW 20-17 FEDERAL 2H, 3H, 4H, 9H, 10H, 11H, 12H, 16H, 17H, 18H, 23H, 24H, 25H & 26H | | | |
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| 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" |
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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



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