Form 3160-5 (June 2015)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

OCD Hobbs

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

Lease Serial No. NMNM0392082A

Do not use thi abandoned wel	s form for proposals to I. Use form 3160-3 (API	drill or to re- D) for such p		IUM .	Or Indian, Allot	tee or Tribe Nan	ie
SUBMITIN	RIPLICATE - Other inst	ructions on	page 2	2621	7 If Unit or CA/	Agreement, Nam	e and/or No.
1. Type of Well			16	CEIVE	8. Well Name and HALLERTAU		
Oil Well Gas Well Oth  2. Name of Operator	/ Contact:	TERRI STAT	HEM		9. API Well No.		
CIMAREX ENERGY COMPAN	NY E-Mail: tstathem@	cimarex.com			30-025-4266	66	
3a. Address 202 S. CHEYENNE AVE, STE TULSA, OK 74103	1000	3b. Phone No Ph: 432-62	. (include area code 0-1936	e)	10. Field and Poo WC WOLFC		Area
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description	)			11. County or Par	rish, State	
Sec 5 T26S R32E SWSW 491FSL 358FWL LEA COUNTY, NM							
500	330						
12. CHECK THE AF	PROPRIATE BOX(ES)	TO INDICA	TE NATURE (	OF NOTICE,	REPORT, OR	OTHER DAT	`A
TYPE OF SUBMISSION			TYPE (	OF ACTION			
☑ Notice of Intent	☐ Acidize	□ Dee	pen	□ Produc	tion (Start/Resume	e) 🔲 Wate	er Shut-Off
	☐ Alter Casing	☐ Hyd	lraulic Fracturing	Reclam	ation	□ Wel	Integrity
☐ Subsequent Report	☐ Casing Repair	□ Nev	v Construction	Recom	plete.	Ø Othe	er e to Original A
☐ Final Abandonment Notice	☐ Change Plans		g and Abandon		rarily Abandon	PD	to Original A
	Convert to Injection	☐ Plug		□ Water I			
13. Describe Proposed or Completed Opt If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Al determined that the site is ready for f	ally or recomplete horizontally, rk will be performed or provide operations. If the operation re bandonment Notices must be fil	give subsurface the Bond No. of sults in a multip	locations and mean in file with BLM/B le completion or re	sured and true value. Required sured completion in a	ertical depths of all plus of	pertinent marker ust be filed within n 3160-4 must be	s and zones. n 30 days e filed once
Cimarex Energy Co. respectful battery for the Hallertau 5 Fed	illy requests approval to e eral 8H.	extend the we	II pad and cons	struct an off p	ad		
Please see attached C102 to	amend the dedicated acre	es to 320.					
Please see Exhibit D - Rig Lay necessary to accommodate 2 size: 420' X 320'. The frac p Please see Exhibit J - Access Please see Exhibit G-1 - Flow Hallertau 5 Federal West Bty.	additional wells, #11H & ad has changed to the N' road information.	16H, to be dr W corner of the	illed from the pad.  5 Federal 8H v	ad. The new	pad		
•			المرس	ad Car	s Apply.		
of fer Bil Ball	DI-	BLM.NM	- P= 2 2=1	1-0367	-EA	6-20-2	.11
14. I hereby certify that the foregoing is	Lieutionic oublinasion #	OTTOTO VETILIE	d by the BLM W MPANY, sent to	ell illioilliatio	n System		
Name (Printed/Typed) TERRI ST	ATHEM		Title MANA	AGER REGU	LATORY COMP	LIANCE	
Signature (Electronic S	Submission)		Date 05/25/	/2017			-
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE		

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)

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.

Approved By

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

Title

Office



#### Additional data for EC transaction #377349 that would not fit on the form

#### 32. Additional remarks, continued

Off Pad Battery information: Location Layout Diagram - Exhibit D - 400'X400' pad. Berms and topsoil stockpile information. Public Access Road - Exhibit J Access Road Plats - Exhibit C-2 - 1389.86' new road from the SESW north to the Hallertau 5 Federal

West battery.

Gas Sales Pipeline Plats - Exhibit G - 1828.66', 12" buried steel LP pipeline and a 8" & 4" buried steel HP pipeline. The on lease pipelines will be buried in the same ditch following an existing

SWD Pipeline Plats - Exhbit I - 12524.85' - 4" surface and 12" buried poly line following and existing pipeline route. The route crosses multiple leases and will require a ROW. Powerline Plats - Exhibit H - 1758.27', 4 - 40' poles, 480 volt, 4 wire, 3 phase power line. The on lease power line is to be constructed following the road as indicated on the attached plats.

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

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

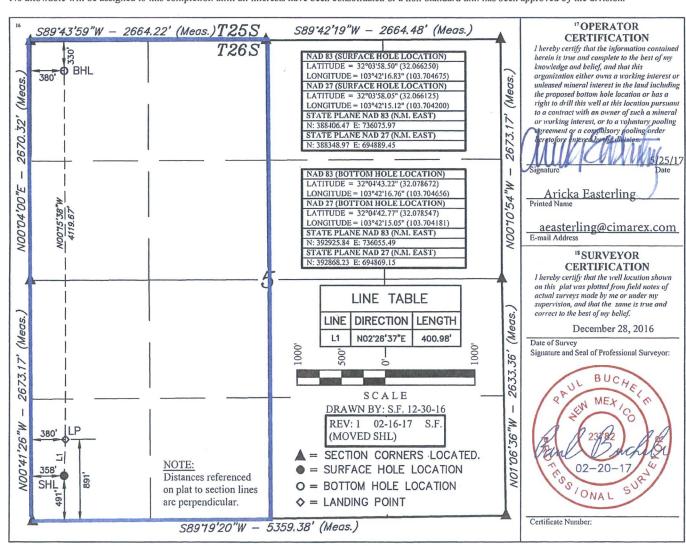
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

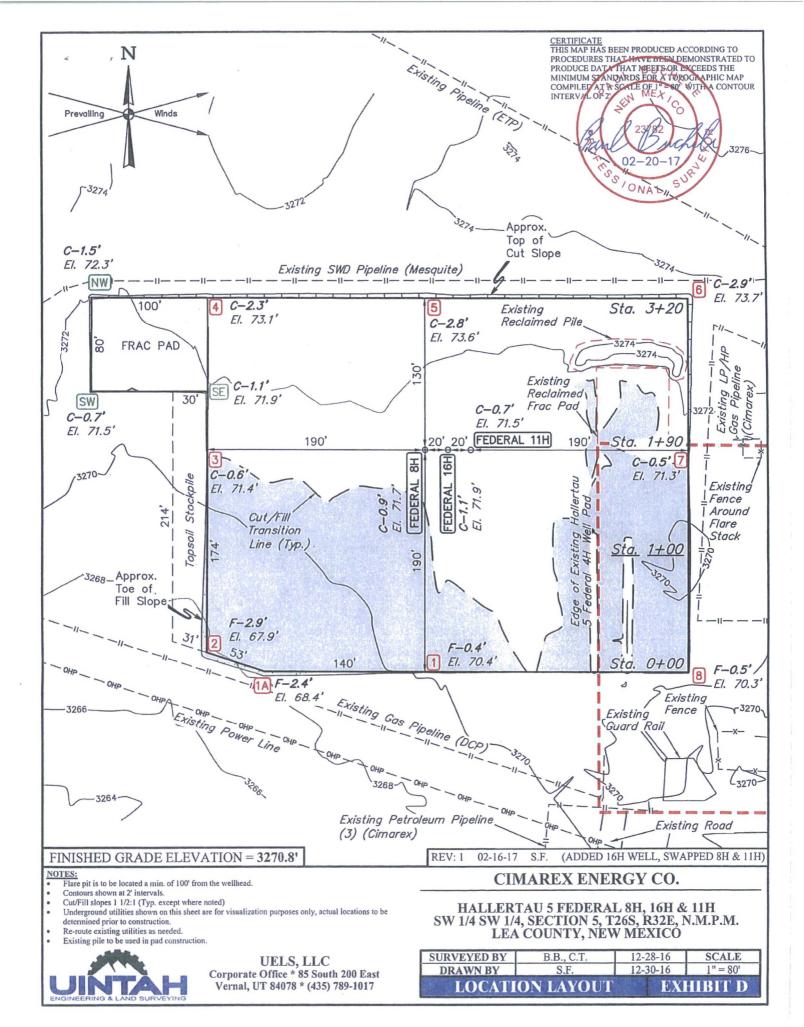
AMENDED REPORT

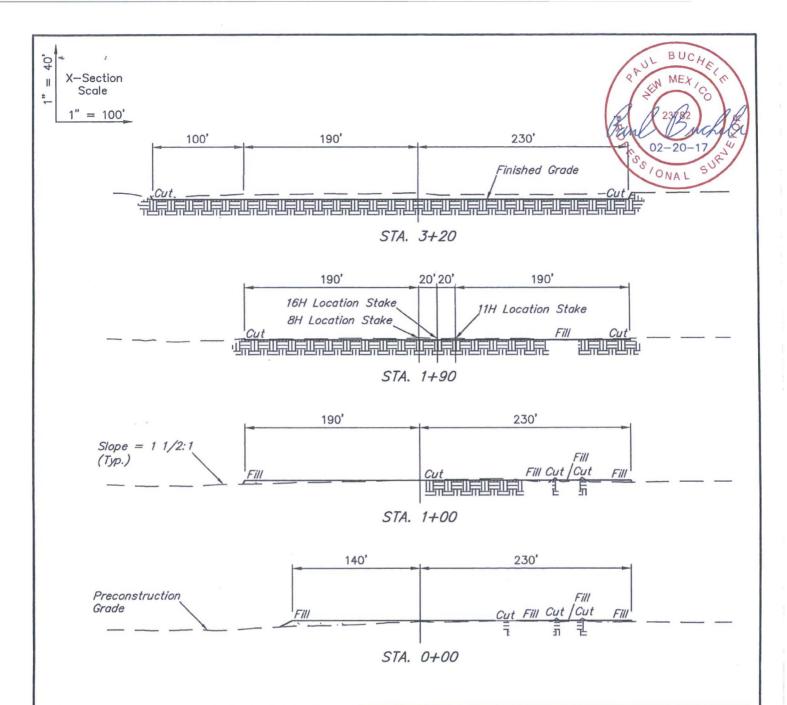
WELL LOCATION AND ACREAGE DEDICATION PLAT

	NPI Number 025-426			<sup>2</sup> Pool Code 98065		WC-025 G-0	3 Pool N 08 S263205N	ume; Upper	WC	
<sup>4</sup> Property C 38778	ode		HALLERTAU 5 FEDERAL					6 Well Number 8H		
<sup>7</sup> ogrid n 162683			Operator Name Selevation CIMAREX ENERGY CO. OF COLORADO 3271.7							
					Surface	Location				
UL or lot no.	Section 5	Township 26S	Range 32E	Lot Idn	Feet from the 491	North/South line SOUTH	Feet from the 358	East/We WE		County LEA
			11	Bottom H	ole Location I	f Different From	Surface			
UL or lot no.	Section 5	Township 26S	Range 32E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 380	East/We WE		County LEA
12 Dedicated Acre 320	2S 13 J	oint or Infill	14 Const	lidation Code	15 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.







APPROXIMATE EARTH	WORK QUANTITIES
(4") TOPSOIL STRIPPING	1,560 Cu. Yds.
REMAINING LOCATION	2,220 Cu. Yds.
TOTAL CUT	3,780 Cu. Yds.
FILL	2,220 Cu. Yds.
EXCESS MATERIAL	1,560 Cu. Yds.
TOPSOIL	1,560 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS				
	DISTANCE	ACRES		
WELL SITE DISTURBANCE (EXISTING CONSTRUCTION)	NA	±0.503		
WELL SITE DISTURBANCE (NEW CONSTRUCTION)	NA	±2.977		
30' WIDE GAS LIFT & FLOW LINE R-O-W DISTURBANCE	±606.731	±0.418		
TOTAL SURFACE USE AREA		±3.898		

REV: 1 02-16-17 S.F. (ADDED 16H WELL, SWAPPED 8H & 11H)

#### NOTES:

- Volumes shown are for new construction only.
- Fill quantity includes 5% for compaction.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted).

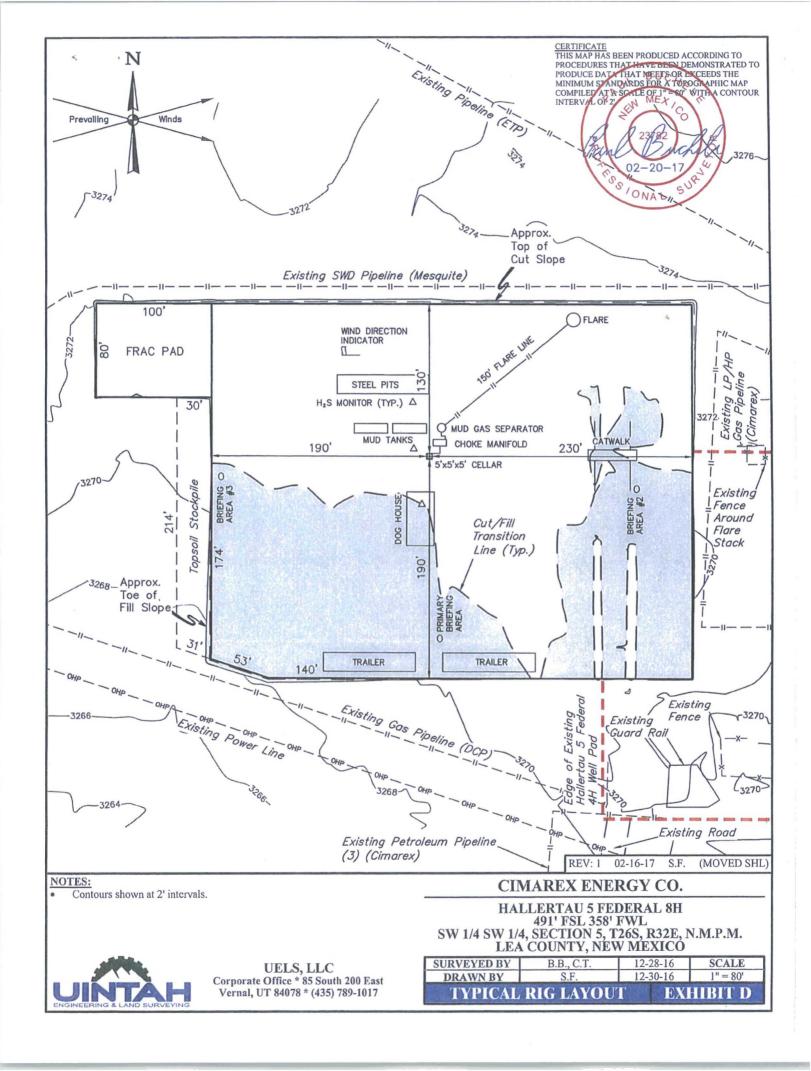
## UINTAH ENGINEERING & LAND SURVEYING

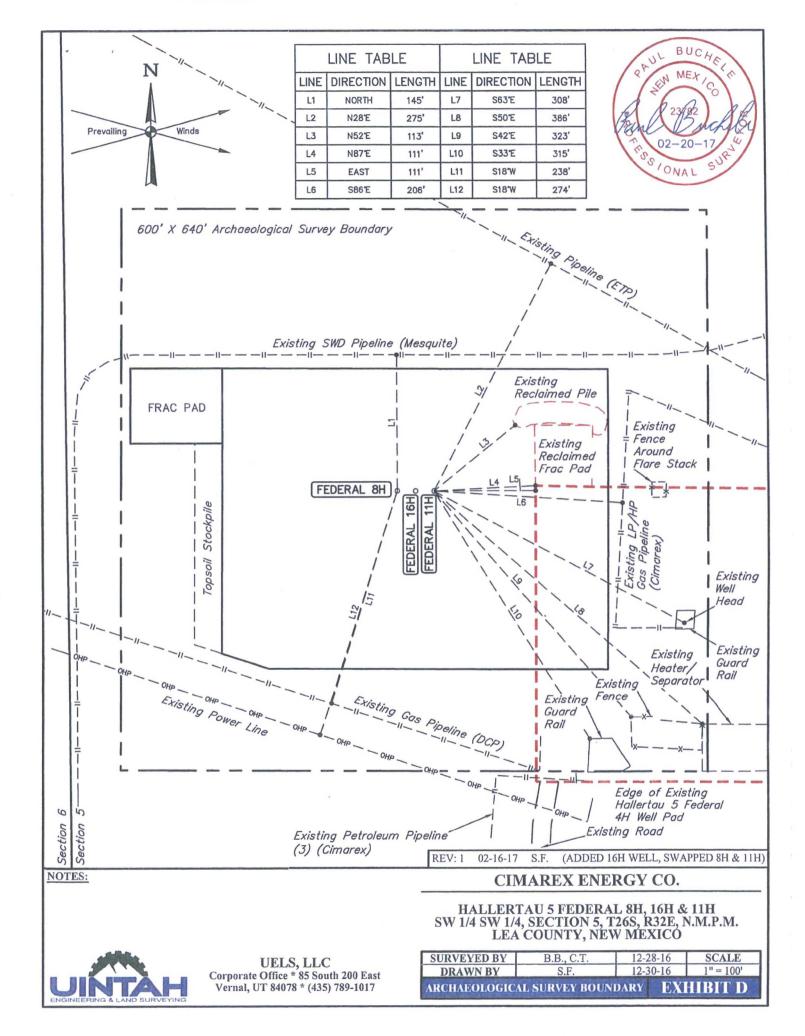
UELS, LLC Corporate Office \* 85 South 200 East Vernal, UT 84078 \* (435) 789-1017

#### CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL 8H, 16H & 11H SW 1/4 SW 1/4, SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO

SURVEYED BY	B.B., C.T.	12-28-16	SCALE
DRAWN BY	S.F.	12-30-16	AS SHOWN





BEGINNING AT THE INTERSECTION OF JAL HIGHWAY/HIGHWAY 128 AND J-1/ORLA ROAD TO THE SOUTH (LOCATED IN THE SW 1/4 OF SECTION 15, T24S, R32E, N.M.P.M.) PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 10.5 MILES TO THE JUNCTION OF THIS ROAD AND PIPELINE ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 220' TO THE EXISTING HALLERTAU 5 FEDERAL 4H WELL PAD AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM THE INTERSECTION OF JAL HIGHWAY/HIGHWAY 128 AND J-1/ORLA ROAD TO THE SOUTH (LOCATED IN THE SW 1/4 OF SECTION 15, T24S, R32E, N.M.P.M.) TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 12.3 MILES.

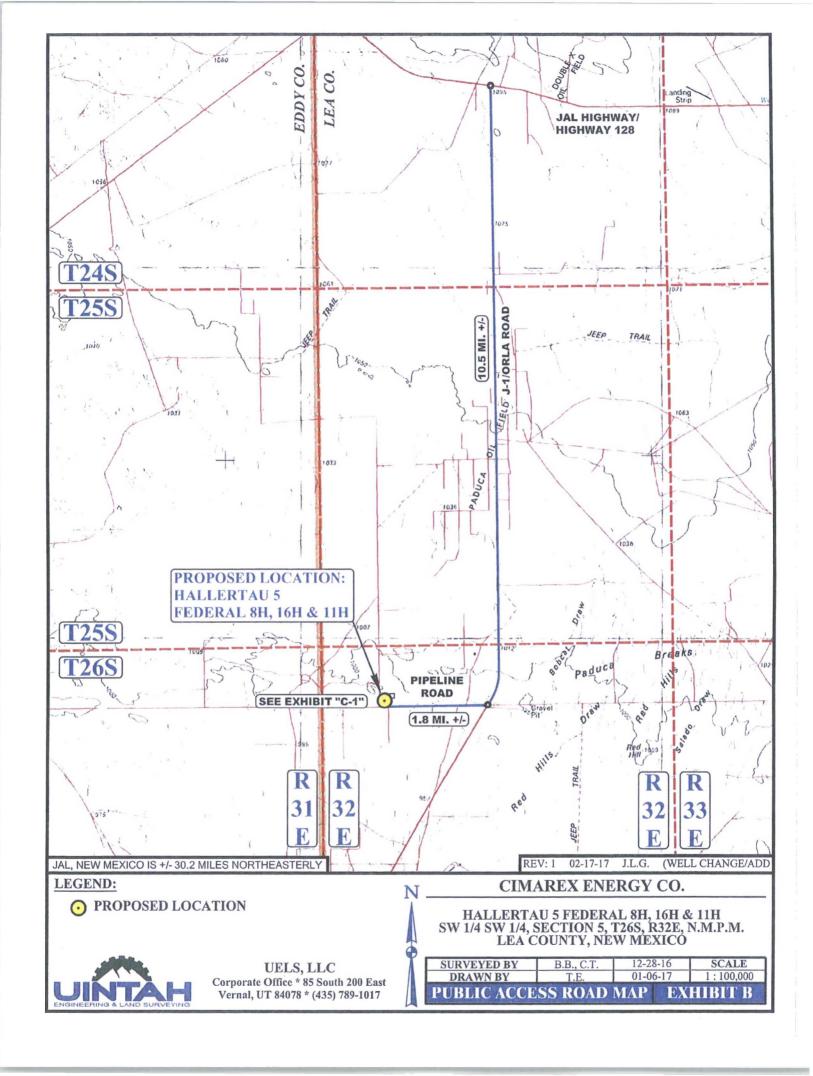
REV: 1 02-17-17 J.L.G. (WELL CHANGE/ADD

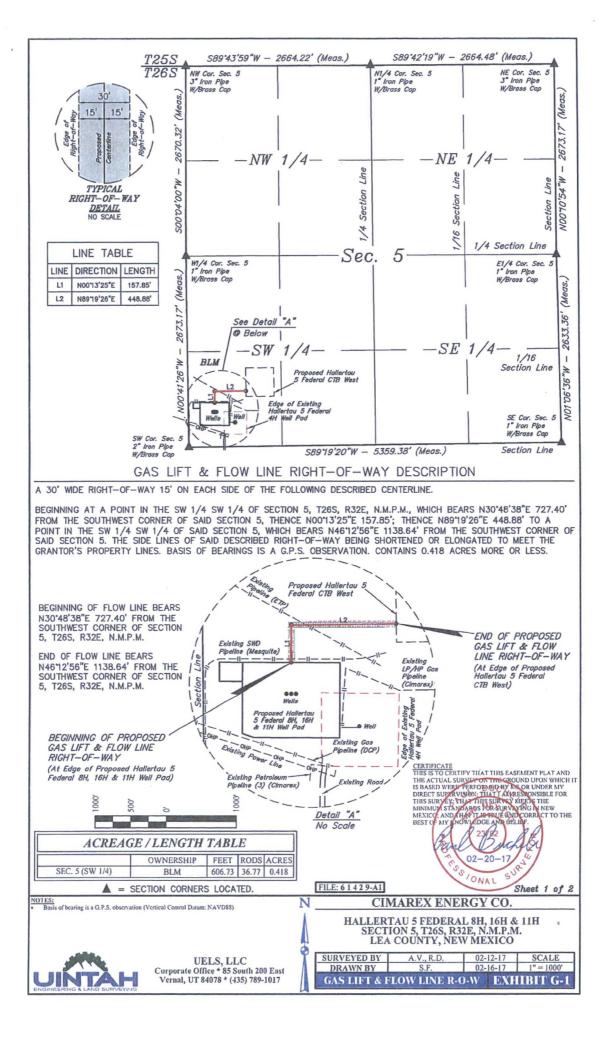
#### CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL 8H, 16H & 11H SW 1/4 SW 1/4, SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	B.B., C.T.	12-28-16	
DRAWN BY	T.E.	01-06-17	
ROAD DE	SCRIPTIO	N EX	HIBIT J





	HALLERTAU 5 FEDERA	L 8H, 16H & 11H	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.48"	W 103°42'21.16"
N 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'46.56"	W 103°41'50.20"
NE COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.64"	W 103°41'19.24"
E 1/4 COR. SEC. 5, T265, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.20"	W 103°41'19.20"
SE COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
SW COR. SEC. 5, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.61"	W 103°42'20.93"
W 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.06"	W 103°42'21.25"

	HALLERTAU 5 FE	DERAL 8H, 16H & 11H	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°03'59.78"	W 103°42'16.59"
1	1+57.85	N 32°04'01.35"	W 103°42'16.58"
END	6+06.73	N 32°04'01.39"	W 103°42'11.36"

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND
THE ACTUAL SURVEY ON THE CEOUND UPON WHICH IT
IS BASED WEDD PERFORMED BY MY OR UNDER MY
DIRECT SUBPRIVIONS THAT TAKKES DONSIBLE FOR
THIS SURVEY, THAT THIS SURVEY WERE
MINIMUM STANDARDS FOR SURVEYING IN NEW
MEXICO, AND HAP THAT FAULE OND CORRICT TO THE
BEST OF MY LINDWICEDGE AND BELIAF.

FILE: 61429-A2

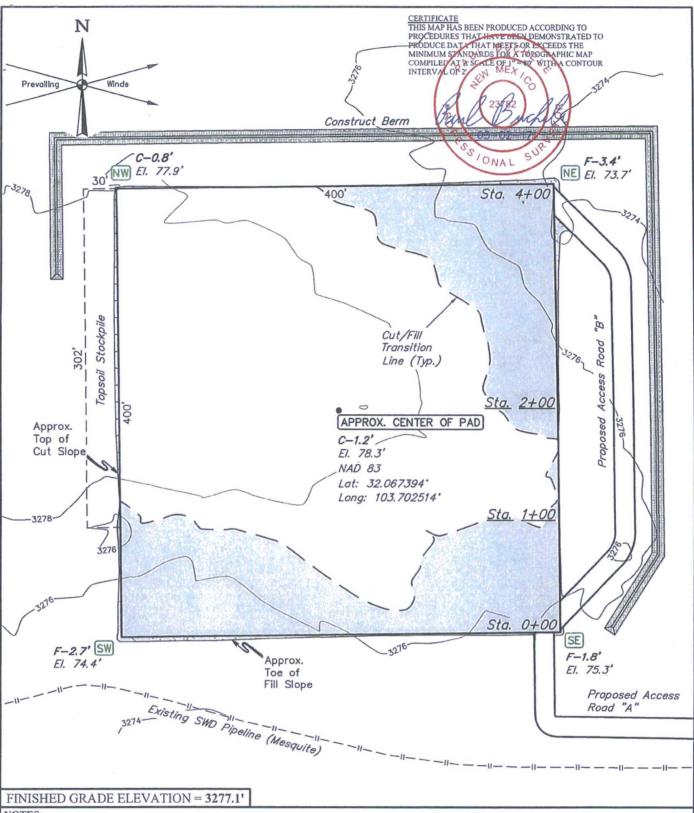
Sheet 2 of 2

CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL 8H, 16H & 11H SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



DRAWN BY	S.F.	02-16-17	N/A
SURVEYED BY	A.V., R.D.	02-12-17	SCALE



#### NOTES:

- Contours shown at 2' intervals.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted)
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

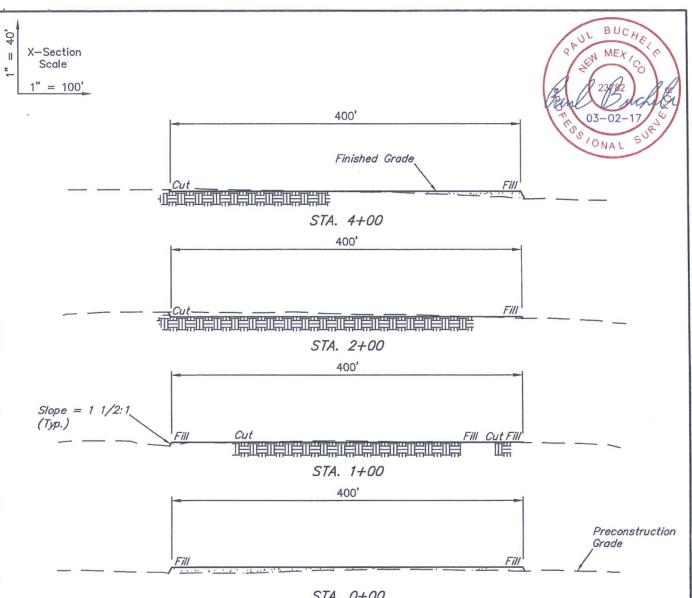


UELS, LLC Corporate Office \* 85 South 200 East Vernal, UT 84078 \* (435) 789-1017

### CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL CTB WEST SW 1/4 SW 1/4, SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO

SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	1" = 80'
LOCATI	IONTAVOUT	IVI	HIRIT D



STA	0+	00
0	<b>-</b> .	

APPROXIMATE EARTH	WORK QUANTITIES
(4") TOPSOIL STRIPPING	2,020 Cu. Yds.
REMAINING LOCATION	2,810 Cu. Yds.
TOTAL CUT	4,830 Cu. Yds.
FILL	2,810 Cu. Yds.
EXCESS MATERIAL	2,020 Cu. Yds.
TOPSOIL	2,020 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS			
	DISTANCE	ACRES	
WELL SITE DISTURBANCE	NA	±3.939	
30' WIDE ACCESS ROAD R-O-W "A" DISTURBANCE	±970.24'	±0.668	
30' WIDE ACCESS ROAD R-O-W "B" DISTURBANCE	±419.621	±0.289	
30' WIDE SALES PIPELINE R-O-W DISTURBANCE	±1,828.66'	±1.259	
30' WIDE SWD FLOW LINE R-O-W DISTURBANCE	±12,524.85'	±8.626	
30' WIDE POWER LINE R-O-W DISTURBANCE	±1,758.27'	±1.211	
TOTAL SURFACE USE AREA			

- NOTES:

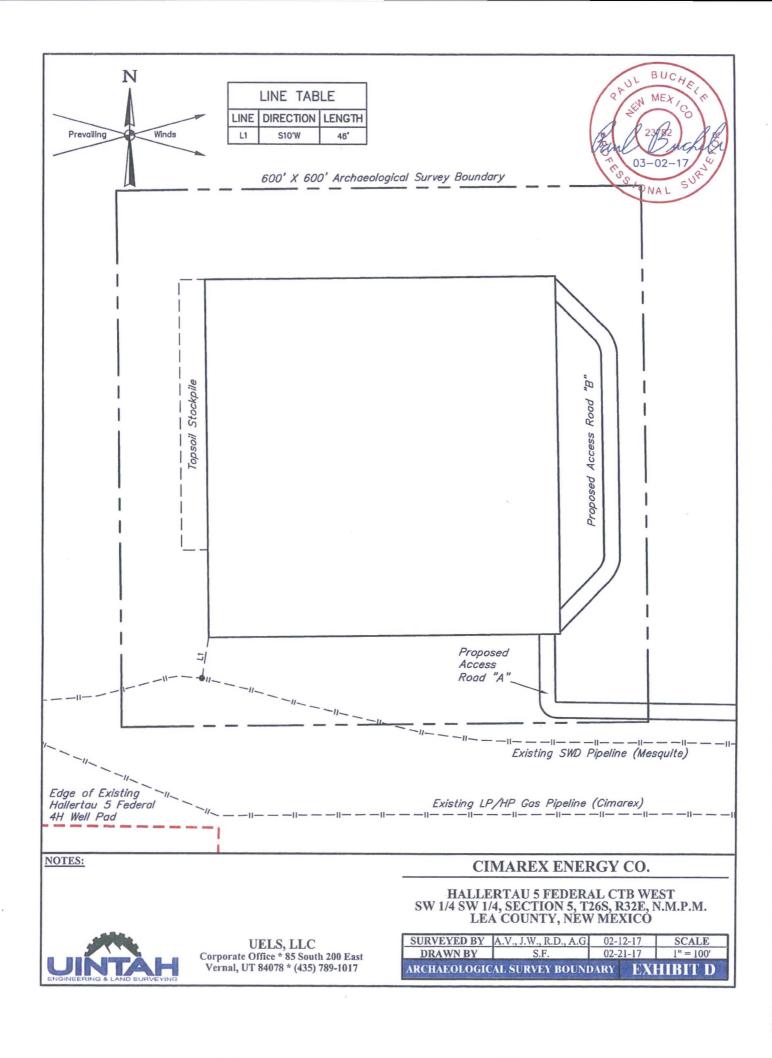
   Fill quantity includes 5% for compaction.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted)
- Earthwork quantities do not account for construction of berm.

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

#### CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL CTB WEST SW 1/4 SW 1/4, SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO

SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	AS SHOWN
TYPICAL CI	ROSS SECTIO	DNS EXI	HIBIT D



BEGINNING AT THE INTERSECTION OF JAL HIGHWAY/HIGHWAY 128 AND J-1/ORLA ROAD TO THE SOUTH (LOCATED IN THE SW 1/4 OF SECTION 15, T24S, R32E, N.M.P.M.) PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 10.5 MILES TO THE JUNCTION OF THIS ROAD AND PIPELINE ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 970' TO THE PROPOSED LOCATION.

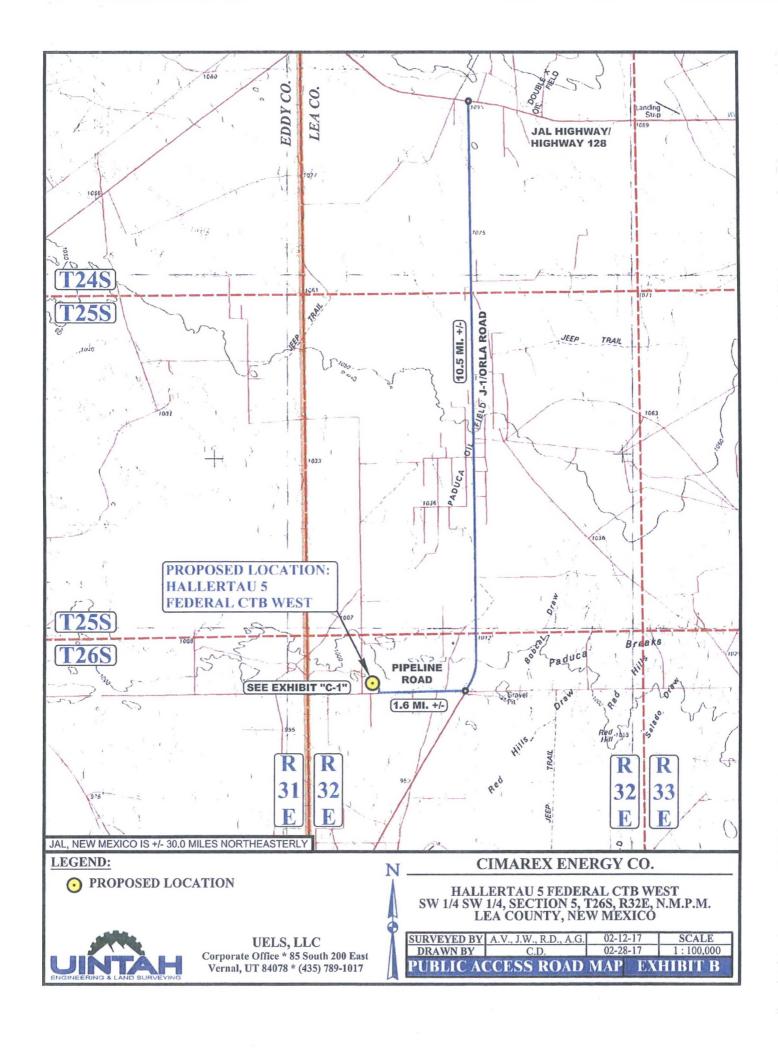
TOTAL DISTANCE FROM THE INTERSECTION OF JAL HIGHWAY/HIGHWAY 128 AND J-1/ORLA ROAD TO THE SOUTH (LOCATED IN THE SW 1/4 OF SECTION 15, T24S, R32E, N.M.P.M.) TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 12.3 MILES.

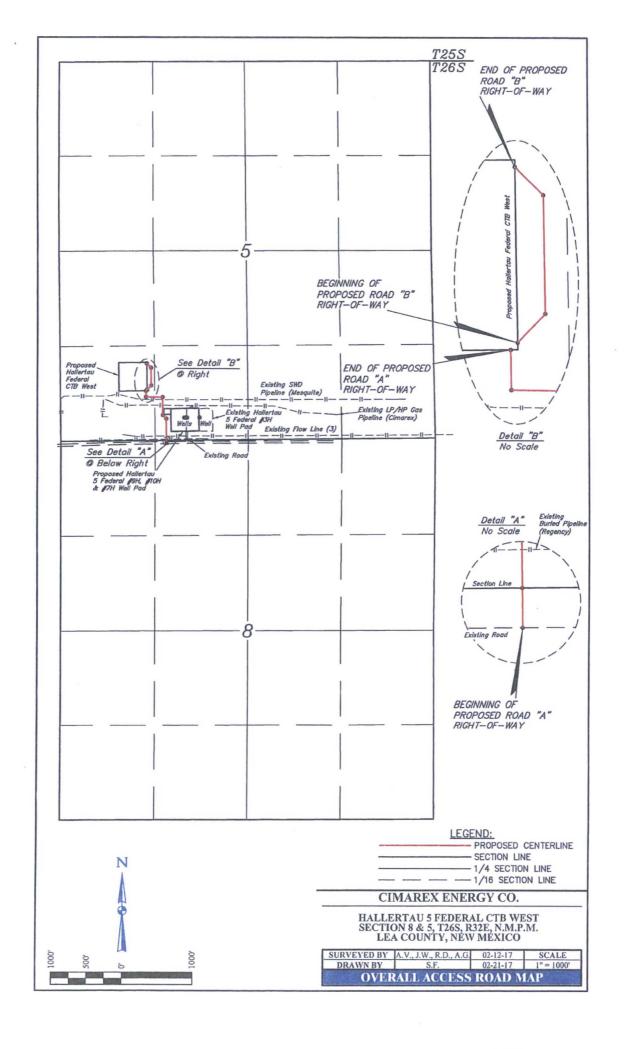
#### CIMAREX ENERGY CO.

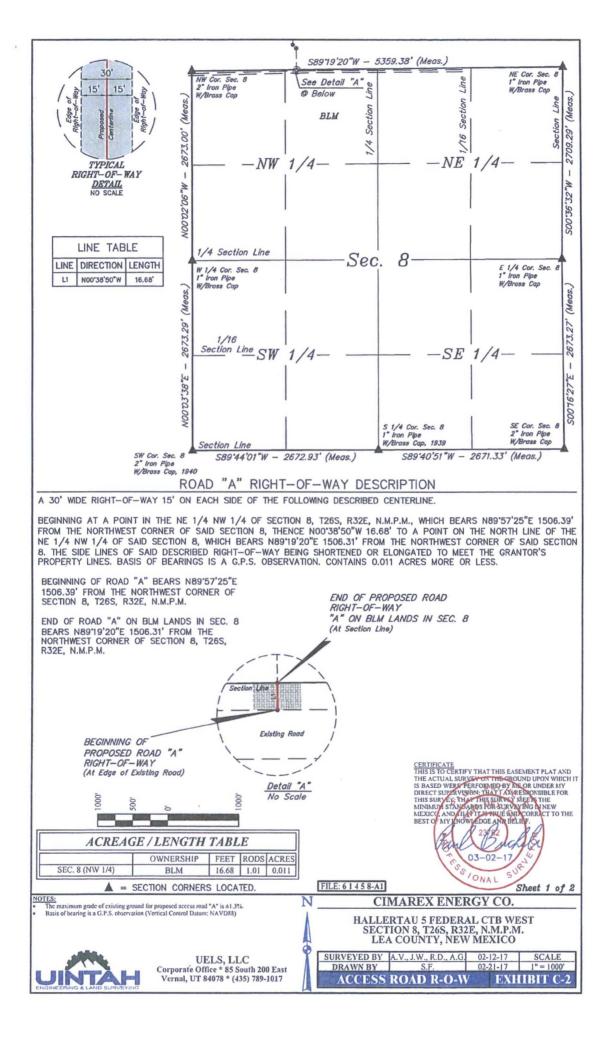
HALLERTAU 5 FEDERAL CTB WEST SW 1/4 SW 1/4, SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	
DRAWN BY	C.D.	02-28-17	
ROAD	DESCRIPTIO	N EX	HIBIT J







	HALLERTAU 5 FEDERAL CTB W	EST	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 8, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.61"	W 103°42'20.93"
NE COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
E 1/4 COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'27.34"	W 103°41'19.05"
SE COR. SEC. 8, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'00.89"	W 103°41'18.96"
S 1/4 COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP, 1939	N 32°03'00.79"	W 103°41'49.99"
SW COR. SEC. 8, T26S, R32E	2" IRON PIPE WITH BRASS CAP, 1940	N 32°03'00.71"	W 103°42'21.04"
W 1/4 COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'27.16"	W 103°42'20.96"

	HALLERTAU 5 FEDERAL CTE	WEST ACCESS ROAD R-O-W "A"	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°03'53.60"	W 103°42'03.42"
END	0+16.68	N 32°03'53.76"	W 103°42'03.43"

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND
THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT
IS BASED WERE PERFORMINED BY ME OR UNDER MY
DIRECT SUPERVISION; DLAT TAXAES ONSIBLE FOR
THIS SURVEY, THE THIS SURVEY, THE THE
MINIMUM STAYSARDS FOR SURVEY, MEET THE
MINIMUM STAYSARDS FOR SURVEYING IN NEW
MEXICO, AND HEY THE THE COLD CORRICT TO THE
BEST OF MY INOWICEOGE AND BELLIF.

03-02-17

Sheet 2 of 2

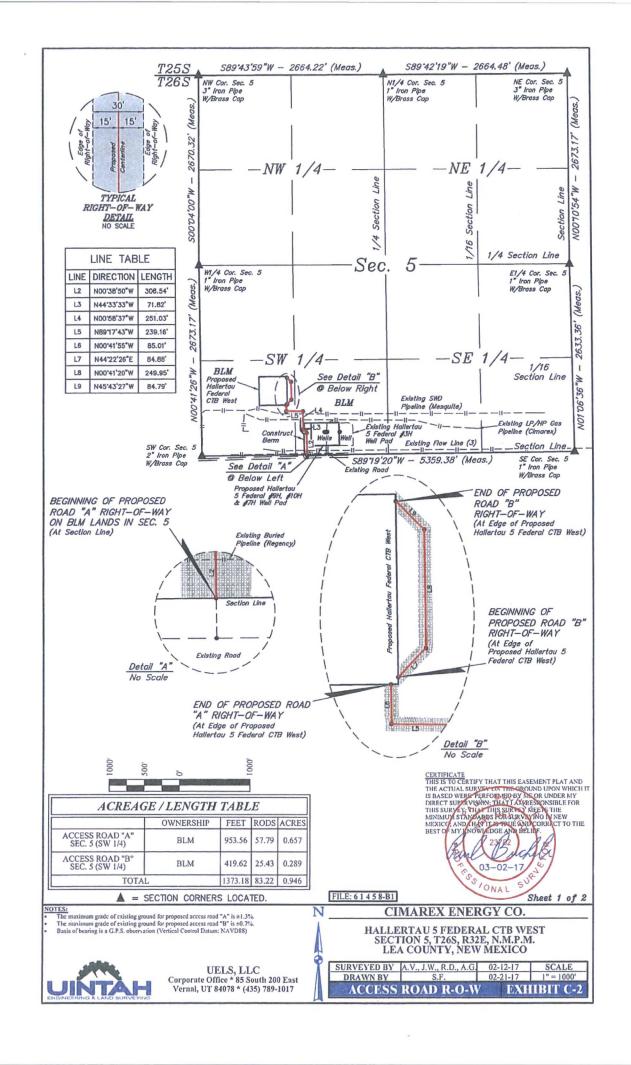
FILE: 6 1 4 5 8-A2

CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL CTB WEST SECTION 8, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



A.V., J.W., R.D., A.G.	02-12-17	SCALE
S.F.	02-21-17	N/A
	S.F. ROAD R-O-W	S.F. 02-21-17



#### ROAD "A" RIGHT-OF-WAY DESCRIPTION

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

BEGINNING AT A POINT ON THE SOUTH LINE OF THE SE 1/4 SW 1/4 OF SECTION 5, T26S, R32E, N.M.P.M., WHICH BEARS N89'19'20"E 1506.31' FROM THE SOUTHWEST CORNER OF SAID SECTION 5, THENCE N00'38'50"W 306.54'; THENCE N44'33'33"W 71.82'; THENCE N00'58'37"W 251.03'; THENCE N89'17'43"W 239.16'; THENCE N00'41'55"W 85.01' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 5, WHICH BEARS N59'23'46"E 1403.37' FROM THE SOUTHWEST CORNER OF SAID SECTION 5. 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 0.657 ACRES MORE OR LESS.

#### ROAD "B" 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 5, T26S, R32E, N.M.P.M., WHICH BEARS N59'10'23"E 1423.92' FROM THE SOUTHWEST CORNER OF SAID SECTION 5, THENCE N44'22'26"E 84.88'; THENCE N00'41'20"W 249.95'; THENCE N45'43'27"W 84.79' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 5, WHICH BEARS N47'56'12"E 1641.15' FROM THE SOUTHWEST CORNER OF SAID SECTION 5. 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 0.289 ACRES MORE OR LESS.

	HALLERTAU 5 FEDEI	RAL CTB WEST	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.48"	W 103°42'21.16"
N 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'46.56"	W 103°41'50.20"
NE COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.64"	W 103°41'19.24"
E 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.20"	W 103°41'19.20"
SE COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
SW COR. SEC. 5, T265, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.61"	W 103°42'20.93"
W 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.06"	W 103°42'21.25"

	HALLERTAU 5 FEDERAL CTE	B WEST ACCESS ROAD R-O-W "A"	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+16.68	N 32°03'53.76"	W 103°42'03.43"
1	3+23.22	N 32°03'56.79"	W 103°42'03.46"
2	3+95.04	N 32°03'57.30"	W 103°42'04.04"
3	6+46.07	N 32°03'59.78"	W 103°42'04.09"
4	8+85.23	N 32°03'59.82"	W 103°42'06.87"
END	9+70.24	N 32°04'00.66"	W 103°42'06.88"

	HALLERTAU 5 FEDERAL CTE	B WEST ACCESS ROAD R-O-W "B"	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83
BEGIN	0+00	N 32°04'00.81"	W 103°42'06.70"
1	0+84.88	N 32°04'01.41"	W 103°42'06.01"
2	3+34.83	N 32°04'03.88"	W 103°42'06.04"
END	4+19.62	N 32°04'04.47"	W 103°42'06.75"

BEGINNING OF ROAD "A" ON BLM LANDS IN SEC. 5 BEARS N89'19'20"E 1506.31' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, N.M.P.M.

END OF ROAD "A" BEARS N59'23'46"E 1403.37' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, N.M.P.M.

BEGINNING OF ROAD "B" BEARS N59'10'23"E 1423.92' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, N.M.P.M.

END OF ROAD "B" BEARS N47'56'12"E 1641.15' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, 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 FERFORMED BY MS OR UNDER MY
DIRECT SUBPREVION: THAT TAKERS SON SIBLE FOR
THIS SURVEY, THAT THIS SURVEY MEET THE
MINIMUM STANDARDS PLANUE WIND IN NEW
MEXICG, AND THEY THE SUBPREVIOUS IN NEW
MEXICG, AND THEY THE SALD CORRICT TO THE
BEST OF MY UNOWLEDGE AND BELLIF.

03-02-17

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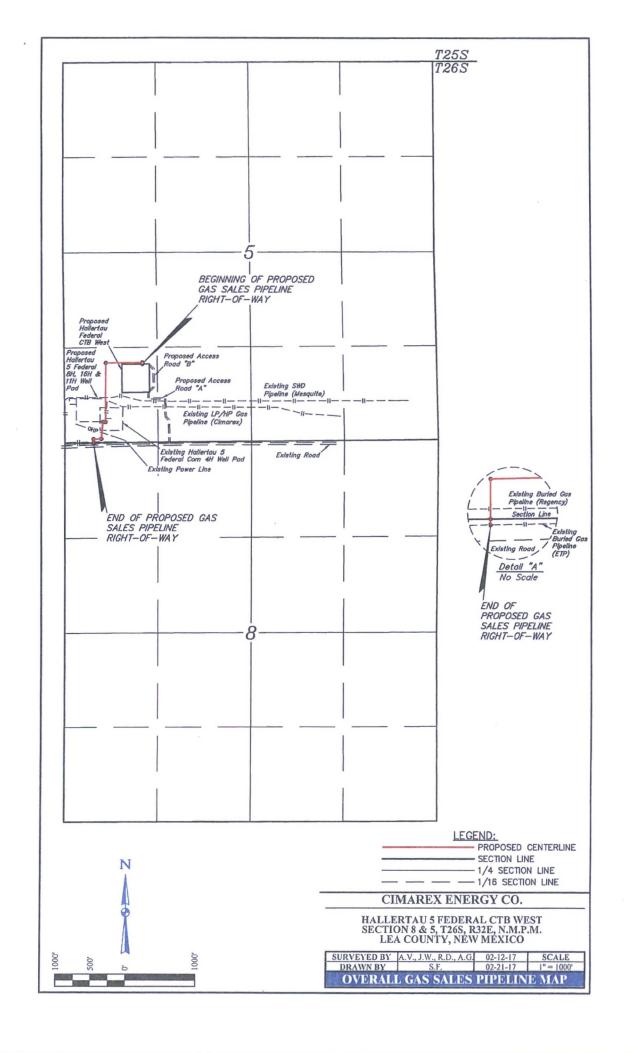
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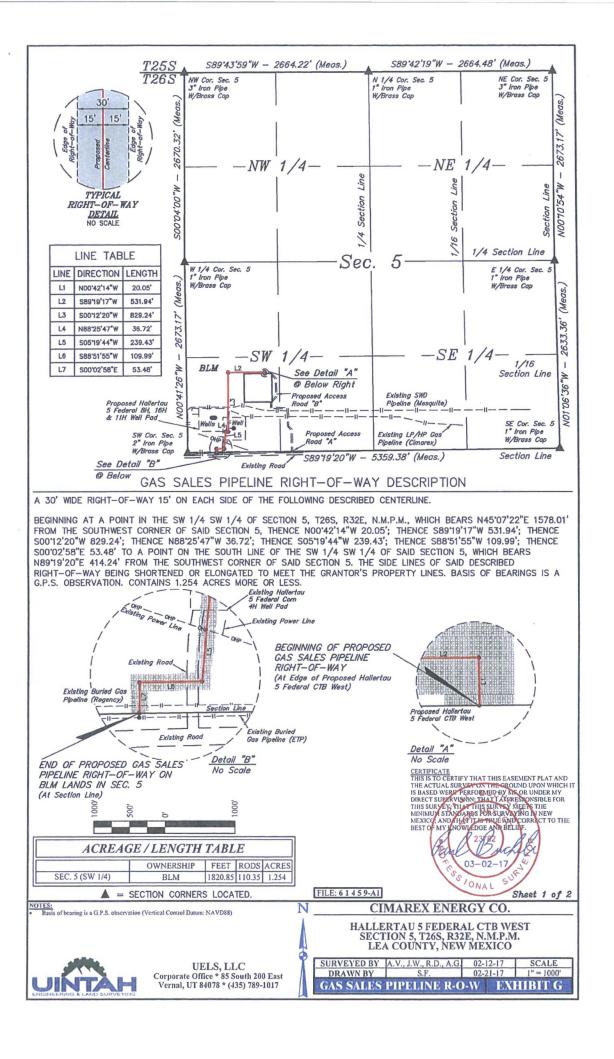
#### CIMAREX ENERGY CO

HALLERTAU 5 FEDERAL CTB WEST SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	N/A
ACCESS	ROAD R-O-W	EXH	IBIT C-2





	HALLERTAU 5 FEDE	RAL CTB WEST	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.48"	W 103°42'21.16"
N 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'46.56"	W 103°41'50.20"
NE COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.64"	W 103°41'19.24"
E 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.20"	W 103°41'19.20"
SE COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
SW COR. SEC. 5, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.61"	W 103°42'20.93"
W 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.06"	W 103°42'21.25"

	HALLERTAU 5 FEDERAL C	CTB WEST GAS SALES PIPELINE	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°04'04.61"	W 103°42'07.91"
1	0+20.05	N 32°04'04.81"	W 103°42'07.91"
2	5+51.99	N 32°04'04.75"	W 103°42'14.09"
3	13+81.23	N 32°03'56.55"	W 103°42'14.15"
4	14+17.95	N 32°03'56.56"	W 103°42'14.57"
5	16+57.38	N 32°03'54.20"	W 103°42'14.84"
6	17+67.37	N 32°03'54.18"	W 103°42'16.11"
END	18+20.85	N 32°03'53.65"	W 103°42'16.11"

BEGINNING OF GAS SALES PIPELINE BEARS N45'07'22"E 1578.01' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, N.M.P.M.

END OF GAS SALES PIPELINE ON BLM LANDS IN SEC. 5 BEARS N89'19'20"E 414.24' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, N.M.P.M.

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND
THE ACTUAL SURVEY OF THE GROUND UPON WHICH IT
IS BASED WERE PERFORMED BY ME OR UNDER MY
DIRECT SUPERVISION; THAT TAK GRESN ONSIBLE FOR
THIS SURVEY, THAT THIS SURVEY SIRE THE
MINIMUM STANDARDS FOR SURVEYING IN NEW
MEXICO, AND HAS THAT FULL GAILY CORRICT TO THE
BEST OF MY UNOWLEDGE AND BELLIE.

03-02-17

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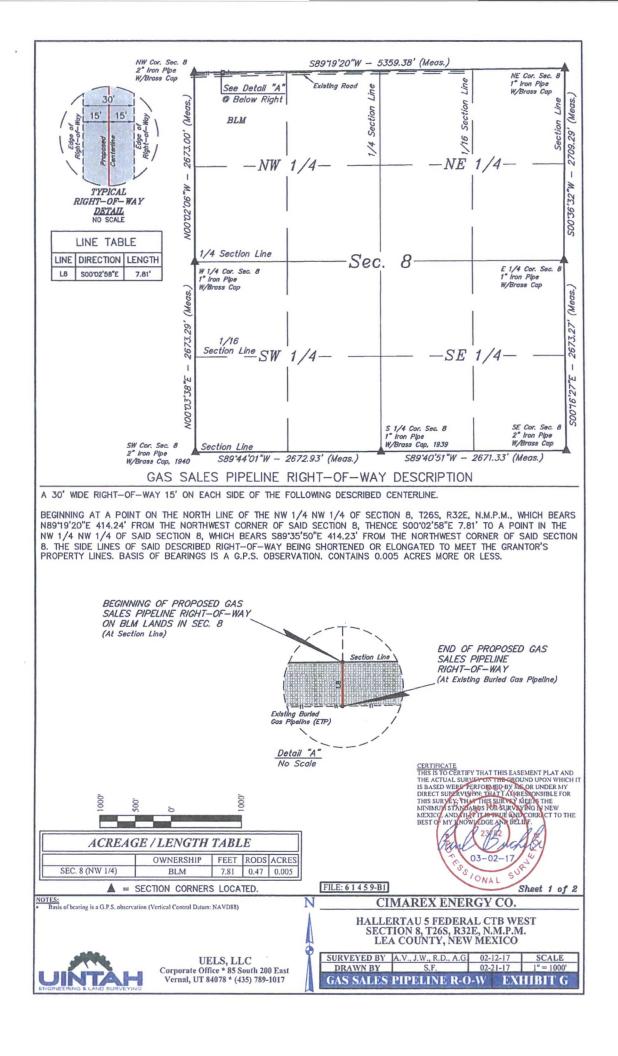
Sheet 2 of 2

CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL CTB WEST SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	N/A
GAS SALES	PIPELINE R-O	-W EX	HIBIT G



	HALLERTAU 5 FEDERAL CTB W	EST	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 8, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.61"	W 103°42'20.93"
NE COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
E 1/4 COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'27.34"	W 103°41'19.05"
SE COR. SEC. 8, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'00.89"	W 103°41'18.96"
S 1/4 COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP, 1939	N 32°03'00.79"	W 103°41'49.99"
SW COR. SEC. 8, T26S, R32E	2" IRON PIPE WITH BRASS CAP, 1940	N 32°03'00.71"	W 103°42'21.04"
W 1/4 COR. SEC. 8, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'27.16"	W 103°42'20.96"

	HALLERTAU 5 FEDERAL O	CTB WEST GAS SALES PIPELINE	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	18+20.85	N 32°03'53.65"	W 103°42'16.11"
END	18+28.66	N 32°03'53.57"	W 103°42'16.11"

BEGINNING OF GAS SALES PIPELINE ON BLM LANDS IN SEC. 8 BEARS N89'19'20"E 414.24' FROM THE NORTHWEST CORNER OF SECTION 8, T26S, R32E, N.M.P.M.

END OF GAS SALES PIPELINE BEARS S89'35'50"E 414.23' FROM THE NORTHWEST CORNER OF SECTION 8, T26S, R32E, 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 WERP PERFORMED BY MS OR UNDER MY
DIRECT SUPPLYINGSY: THAT I ALGRES ONSIBLE FOR
THIS SURVEY, THAT THIS SURVEY WERE THE
MINIMUM STAY DARROWS FOR SURVEY MG IN NEW
MEXICO, AND THAT I THE BADY CORRICT TO THE

03-02-17

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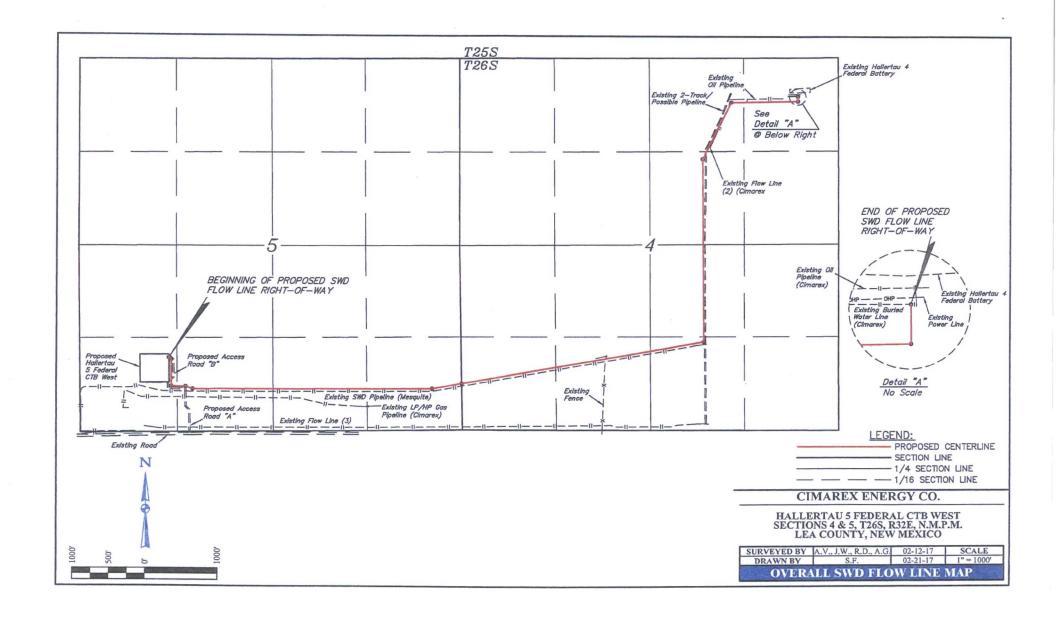
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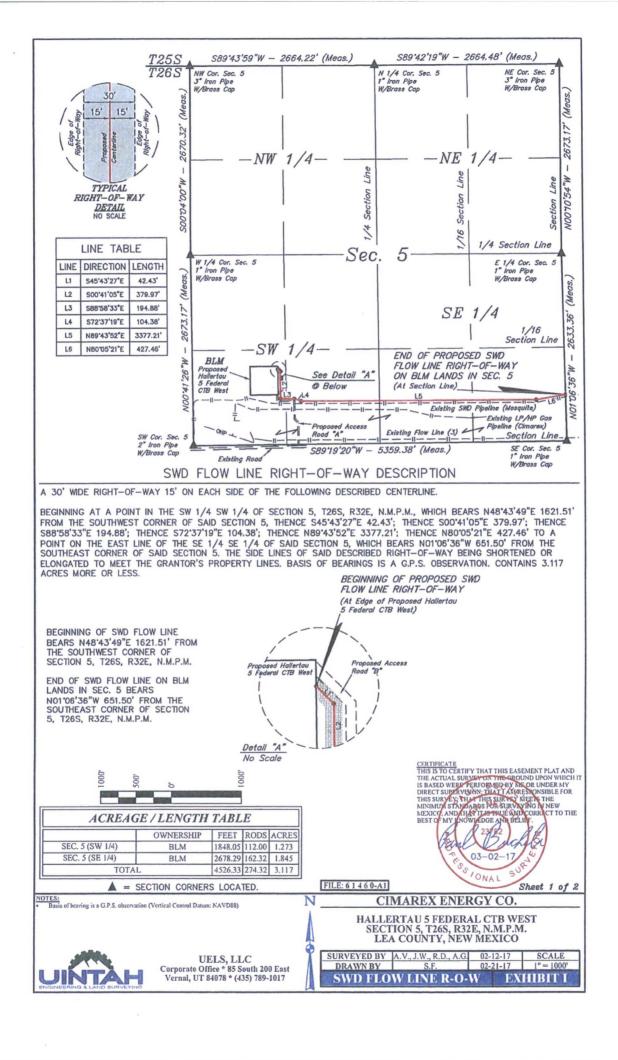
CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL CTB WEST SECTION 8, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	N/A
GAS SALES	PIPELINE R-O	-W EX	HIBIT G





	HALLERTAU 5 FEDE	RAL CTB WEST	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.48"	W 103°42'21.16"
N 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'46.56"	W 103°41'50.20"
NE COR. SEC. 5, T265, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.64"	W 103°41'19.24"
E 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.20"	W 103°41'19.20"
SE COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
SW COR. SEC. 5, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.61"	W 103°42'20.93"
W 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.06"	W 103°42'21.25"

	HALLERTAU 5 FEDERAL	CTB WEST SWD FLOW LINE	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°04'04.17"	W 103°42'06.74"
1	0+42.43	N 32°04'03.88"	W 103°42'06.39"
2	4+22.40	N 32°04'00.12"	W 103°42'06.35"
3	6+17.28	N 32°04'00.08"	W 103°42'04.08"
4	7+21.66	N 32°03'59.77"	W 103°42'02.93"
5	40+98.87	N 32°03'59.87"	W 103°41'23.69"
END	45+26.33	N 32°04'00.59"	W 103°41'18.79"

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND
THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT
IS BASED WEBS PERFORMED BY ME OR UNDER MY
DIRECT SUBSIVERY ON THAT TAKKEEN ONSIBLE FOR
THIS SURVEY, THAT THIS SURVEY, SIE IT HE
MINIMUM STANDARDS FOR SURVEY, ME IT HE
MINIMUM STANDARDS FOR SURVEY, MIG IN NEW
MEXICG, AND HEST UP THE MENU CORRECT TO THE
BEST OF MY INOWIEDGE AND BELLIE.

03-02-17

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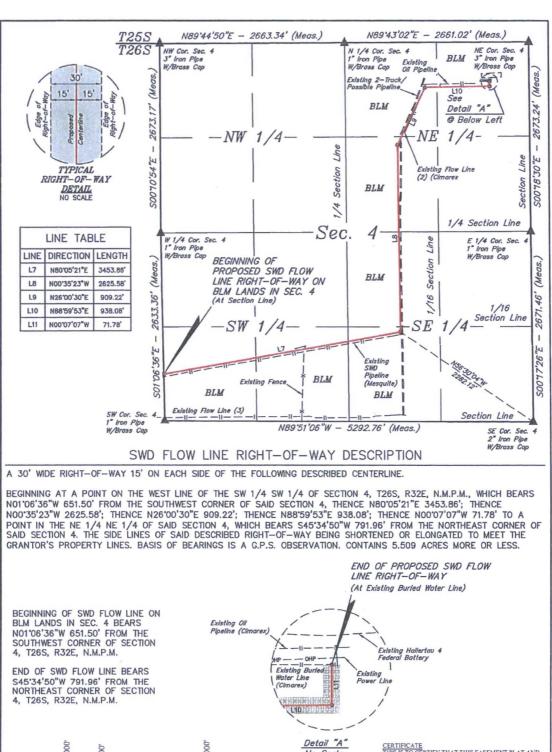
Sheet 2 of 2

CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL CTB WEST SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO

UINTAH ENGINEERING & LAND SURVEYING

SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	N/A





OWNERSHIP FEET RODS ACRES SEC. 4 (SW 1/4) 2690.18 163.04 1.853 BLM SEC. 4 (SE 1/4) 2166.75 131.32 1.492 BLM SEC. 4 (NE 1/4) BLM 3141.59 190.40 2.164 7998.52 484.76 5.509

= SECTION CORNERS LOCATED.

No Scale

FILE: 61460-B1

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY OF THE GOUND UPON WHICH IT IS BASED WEBP PERFORMING BY AN OR UNDER MY DIRECT SUDPRIVIOUS THAT TAKES MONSIBLE FOR THIS SURVEY THAT THIS SURVEY MEET THE MINIMUM STANDARDS FOR SURVEY MO IN NEW MEXICA, AND HAY THAT THE GAUD CORR ICT TO THE BEST OF MY INOWIFEDED AND BELLIN.

03-02 10NAL

Sheet 1 of 2

NOTES:

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

CIMAREX ENERGY CO

HALLERTAU 5 FEDERAL CTB WEST SECTION 4, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	I. = 1000,
SWD FLO	W LINE R-O-	W EX	HIBIT I

	HALLERTAU 5 FEDE	RAL CTB WEST	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 4, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.64"	W 103°41'19.24"
N 1/4 COR. SEC. 4, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'46.71"	W 103°40'48.29"
NE COR. SEC. 4, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.79"	W 103°40'17.37"
E 1/4 COR. SEC. 4, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.34"	W 103°40'17.26"
SE COR. SEC. 4, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.91"	W 103°40'17.16"
SW COR. SEC. 4, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
W 1/4 COR. SEC. 4, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.20"	W 103°41'19.20"

	HALLERTAU 5 FEDERAL	CTB WEST SWD FLOW LINE	
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	45+26.33	N 32°04'00.59"	W 103°41'18.79"
1	79+80.19	N 32°04'06.41"	W 103°40'39.25"
2	106+05.77	N 32°04'32.39"	W 103°40'39.50"
3	115+14.99	N 32°04'40.46"	W 103°40'34.85"
4	124+53.07	N 32°04'40.61"	W 103°40'23.95"
END	125+24.85	N 32°04'41.32"	W 103°40'23.95"

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND
THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT
IS BASED WERE PERFORMED BY MG OR UNDER MY
DIRECT SUPERVISION; THAT TAXARES ONSIBLE FOR
THIS SURVEY, THAT THAT SURVEY, SHE THE
MINIMUM STANDARDS FOR SURVEY, SHE THE
MINIMUM STANDARDS FOR SURVEY, MG IN NEW
MEXICG, AND THE THE CAID CORRICT TO THE
BEST OF MY INDIVIDEDGE AND BELLIF.

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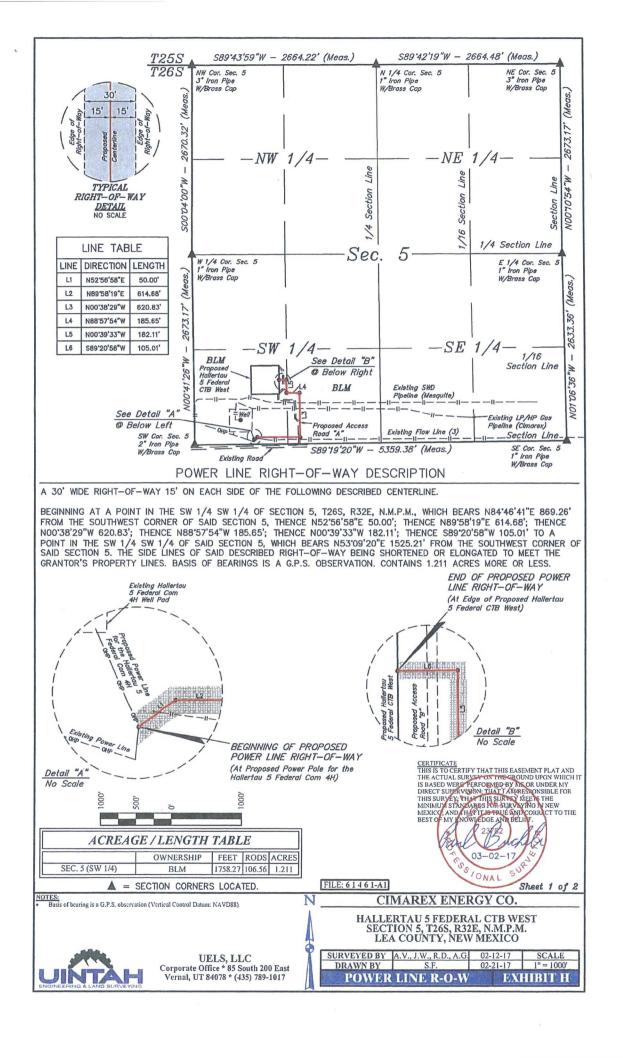
Sheet 2 of 2

CIMAREX ENERGY CO.

IIALLERTAU 5 FEDERAL CTB WEST SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	N/A
SWD FLO	W LINE R-O-V	V EX	HIBIT I



	HALLERTAU 5 FEDE	RAL CTB WEST	
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.48"	W 103°42'21.16"
N 1/4 COR. SEC. 5, T265, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'46.56"	W 103°41'50.20"
NE COR. SEC. 5, T26S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°04'46.64"	W 103°41'19.24"
E 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.20"	W 103°41'19.20"
SE COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°03'54.15"	W 103°41'18.66"
SW COR. SEC. 5, T26S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°03'53.61"	W 103°42'20.93"
W 1/4 COR. SEC. 5, T26S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°04'20.06"	W 103°42'21.25"

HALLERTAU 5 FEDERAL CTB WEST POWER LINE				
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)	
BEGIN	0+00	N 32°03'54.38"	W 103°42'10.87"	
1	0+50	N 32°03'54.68"	W 103°42'10.40"	
2	6+64.68	N 32°03'54.67"	W 103°42'03.26"	
3	12+85.51	N 32°04'00.81"	W 103°42'03.33"	
4	14+71.16	N 32°04'00.85"	W 103°42'05.49"	
5	16+53.27	N 32°04'02.65"	W 103°42'05.51"	
END	17+58.28	N 32°04'02.64"	W 103°42'06.73"	

BEGINNING OF POWER LINE BEARS N84'46'41"E 869.26' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, N.M.P.M.

END OF POWER LINE BEARS N53'09'20"E 1525.21' FROM THE SOUTHWEST CORNER OF SECTION 5, T26S, R32E, N.M.P.M.

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND
THE ACTUAL SURVEY ON THE GROUND UPON WHICH IS BASED WEBS "FERFORMED BY NE OR UNDER MY
DIRECT SUPERVISION: THAT I AKRESIONSIBLE FOR
THIS SURVEY, THE THIS SURVEY MEEN THE
MINIMUM STANDARDS FOR SURVEYING IN NEW
MEXICG, AND THAS THE FULL WIND CORRACT TO THE

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Sheet 2 of 2

CIMAREX ENERGY CO.

HALLERTAU 5 FEDERAL CTB WEST SECTION 5, T26S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO



SURVEYED BY	A.V., J.W., R.D., A.G.	02-12-17	SCALE
DRAWN BY	S.F.	02-21-17	N/A
POWER LINE R-O-W		EXHIBITE	