

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM05792
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
Contact: ARICKA EASTERLING E-Mail: aeasterling@cimarex.com		7. If Unit or CA/Agreement, Name and/or No. NMNM71019X
3a. Address 202 S CHEYENNE AVE. SUITE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918.560.7060	8. Well Name and No. RED HILLS UNIT 17H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T25S R33E NWNW 504FNL 564FWL 32.053800 N Lat, 103.345415 W Lon		9. API Well No. 30-025-42325-00-X1
		10. Field and Pool or Exploratory Area WC-025 G06 S253329D
		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 thereof. If the proposal is to deepen directionally or recompletable 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 recompletable 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 proposes a new off pad battery to service the Red Hills Unit 17H well. The battery is located South East of the Red Hills Unit W2W2 multi-well pad. Please see attached plat diagram of proposed new battery pad, access road, electric line and flow line.

Red Hills Unit 33 Zone 2 West CTB: 450' X 550'
On lease Access road: 160'
On lease Electric line: 1564' overhead line, 7-40 poles, 12.7 kv, 4 wire, 3 phase.
On lease Flow line specs:
Length: 1341'
Size: 6" buried HP steel
MAOP: 1500 psi
Anticipated working pressure: 200-300 psi

Approved JAC 5/16/2018 DOI-BLM-NM-P020-2018-0420-EA Stipulations attached

14. I hereby certify that the foregoing is true and correct. Electronic Submission #406170 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 03/28/2018 (18PP0788SE)	
Name (Printed/Typed) ARICKA EASTERLING	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/01/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

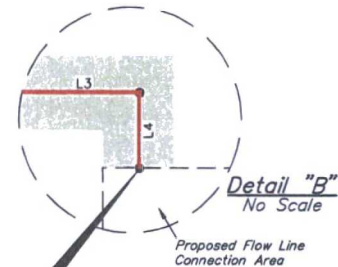
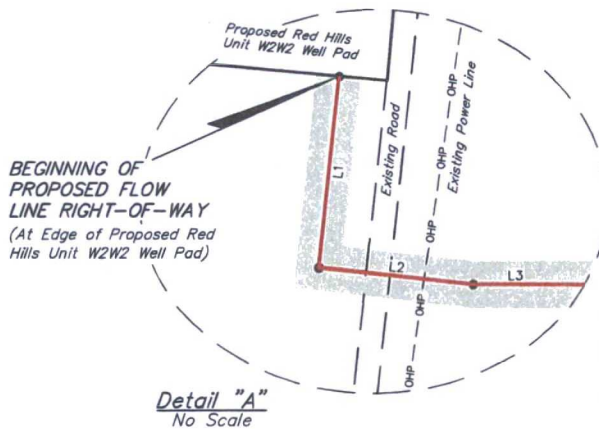
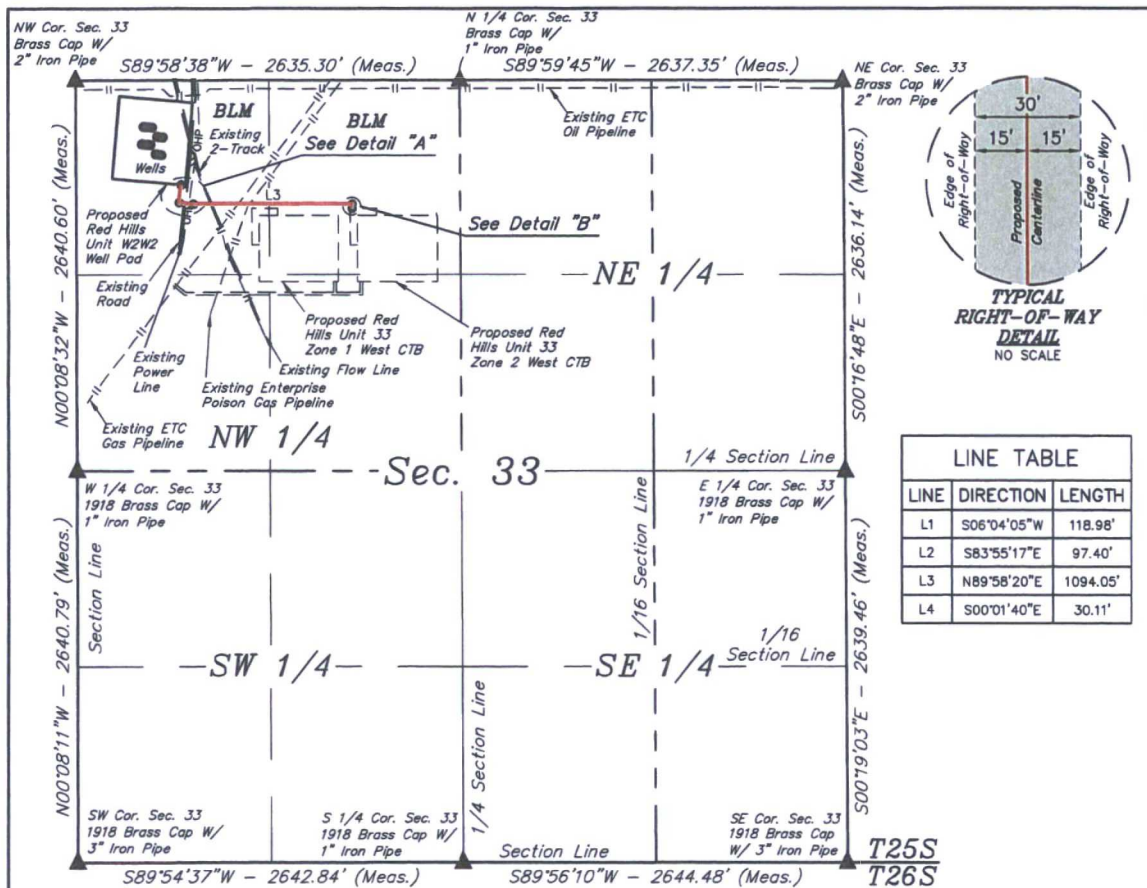
Approved By <i>Cop 1/1/18</i>	Title <i>AFM - L&N</i>	Date <i>05/17/2018</i>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <i>CFD</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)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Ka



ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 33 (NW 1/4)	BLM	1340.54	81.24	0.923

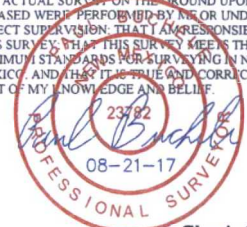
▲ = SECTION CORNERS LOCATED.

NOTES:
• Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00"



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Vernal, UT 84078 • (435) 789-1017

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 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.



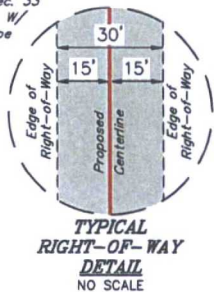
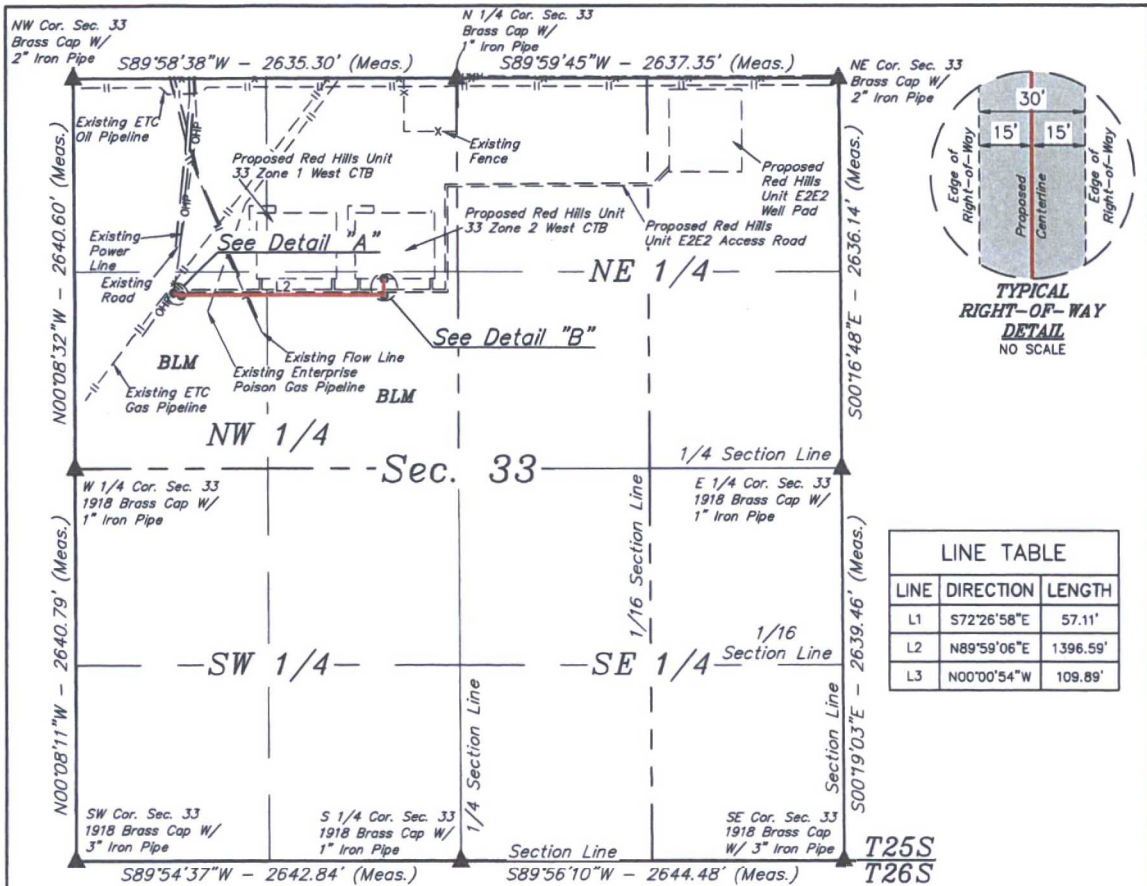
Sheet 1 of 2

FILE: 61728-A1 REV: 1 08-21-17 C.I. (FLOW LINE RE-ROUTE)

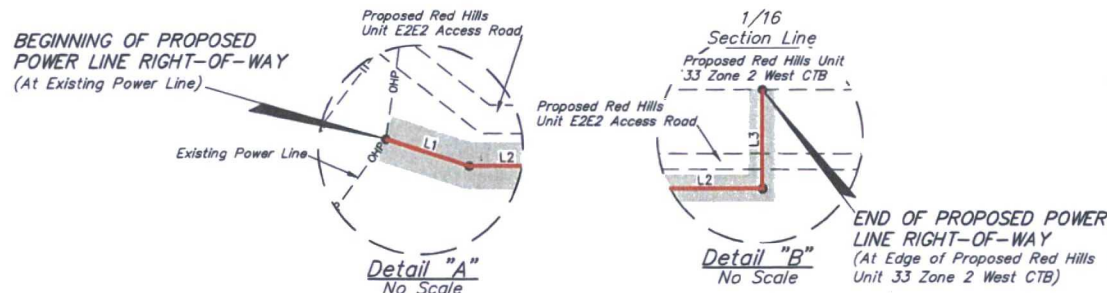
CIMAREX ENERGY CO.

**RED HILLS UNIT W2W2 (ROW 3)
SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO**

SURVEYED BY	C.J., A.H.	05-05-17	SCALE
DRAWN BY	S.F.	05-31-17	1" = 1000'
FLOW LINE R-O-W		EXHIBIT G-1	



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S72°26'58\"E	57.11'
L2	N89°59'06\"E	1396.59'
L3	N00°00'54\"W	109.89'



POWER 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 NW 1/4 OF SECTION 33, T25S, R33E, N.M.P.M., WHICH BEARS S24°59'51\"E 1610.22' FROM THE NORTHWEST CORNER OF SAID SECTION 33, THENCE S72°26'58\"E 57.11'; THENCE N89°59'06\"E 1396.59'; THENCE N00°00'54\"W 109.89' TO A POINT IN THE SE 1/4 NW 1/4 OF SAID SECTION 33, WHICH BEARS S20°13'37\"W 1457.27' FROM THE NORTH 1/4 CORNER OF SAID SECTION 33. 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 TRANSVERSE MERCATOR PROJECTION WITH A CENTRAL MERIDIAN OF W103°53'00\". CONTAINS 1.077 ACRES MORE OR LESS.

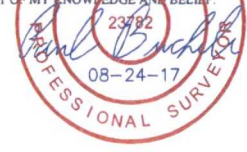
BEGINNING OF POWER LINE BEARS S24°59'51\"E 1610.22' FROM THE NORTHWEST CORNER OF SECTION 33, T25S, R33E, N.M.P.M.

END OF POWER LINE BEARS S20°13'37\"W 1457.27' FROM THE NORTH 1/4 CORNER OF SECTION 33, T25S, R33E, N.M.P.M.



ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 33 (NW 1/4)	BLM	1563.60	94.76	1.077

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NOTES:
• Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00\"

FILE: 61749-A1 REV: 1 08-24-17 C.I. (POWER LINE RE-ROUTE)

CIMAREX ENERGY CO.

**RED HILLS UNIT 33 ZONE 2 WEST CTB
SECTION 33, T25S, R33E, N.M.P.M.
LEA MEXICO, NEW MEXICO**

SURVEYED BY	C.J., A.H., P.R.	05-04-17	SCALE
DRAWN BY	06-07-17		1\" = 1000'

POWER LINE R-O-W EXHIBIT I

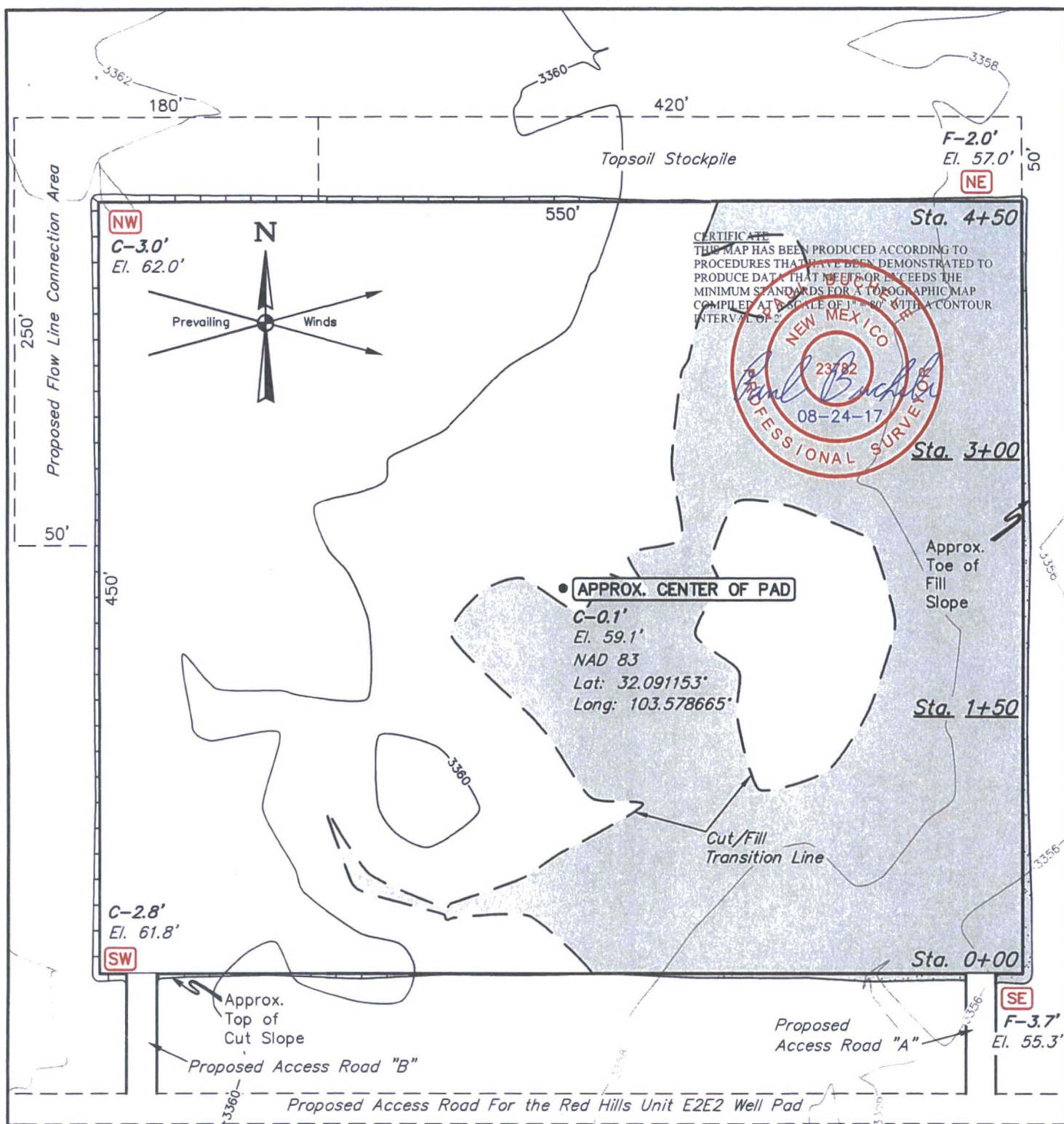


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Additional data for EC transaction #406170 that would not fit on the form

32. Additional remarks, continued

Flow Route will tie into Flow Connection Area on Battery pad. Please see Exhibit F for Flow line connection corridor.



FINISHED GRADE ELEVATION = 3359.0'

REV: 1 08-24-17 C.I. (ACCESS ROAD RE-ROUTE, FLOW LINE CONNECTION AREA MOVE)

NOTES:

- Contours shown at 2' intervals.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted)
- Topsoil stockpile to be seeded in place prior to reclamation.

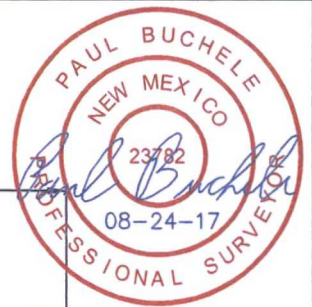
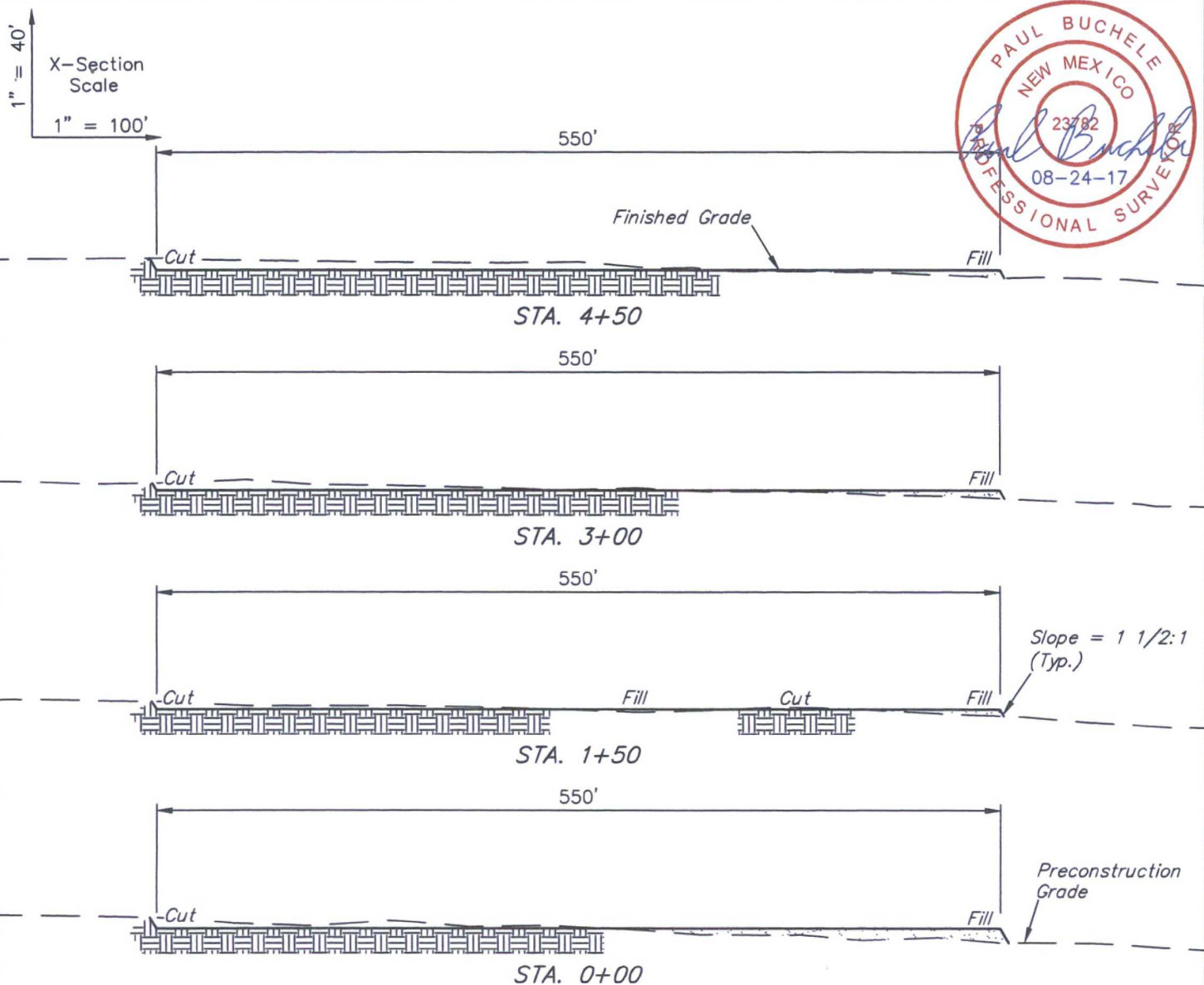
CIMAREX ENERGY CO.

RED HILLS UNIT 33 ZONE 2 WEST CTB
E 1/2 NW 1/4, SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J., A.H., P.R.	05-04-17	SCALE
DRAWN BY	S.F.	06-02-17	1" = 80'
LOCATION LAYOUT		EXHIBIT F	



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APPROXIMATE EARTHWORK QUANTITIES	
(4") TOPSOIL STRIPPING	3,120 Cu. Yds.
REMAINING LOCATION	4,790 Cu. Yds.
TOTAL CUT	7,910 Cu. Yds.
FILL	4,790 Cu. Yds.
EXCESS MATERIAL	3,120 Cu. Yds.
TOPSOIL	3,120 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±6.273
FLOW LINE CONNECTION AREA DISTURBANCE	NA	±0.436
30' WIDE ACCESS ROAD "A" R-O-W DISTURBANCE	±79.97'	±0.055
30' WIDE ACCESS ROAD "B" R-O-W DISTURBANCE	±79.85'	±0.055
30' WIDE POWER LINE R-O-W DISTURBANCE	±1,563.59'	±1.077
TOTAL		±7.896

REV: 1 08-24-17 C.I. (RE-ROUTE)

NOTES:

- Fill quantity includes 5% for compaction.
- Cut/Fill slopes 1 1/2:1 (Typ. except where noted)

CIMAREX ENERGY CO.

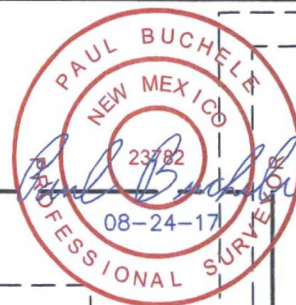
RED HILLS UNIT 33 ZONE 2 WEST CTB
E 1/2 NW 1/4, SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



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SURVEYED BY	C.J., A.H., P.R.	05-04-17	SCALE
DRAWN BY	S.F.	06-02-17	AS SHOWN

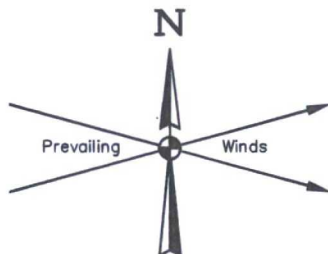
TYPICAL CROSS SECTIONS EXHIBIT F



750' X 650' Archaeological Survey Boundary

Proposed Flow Line Connection Area

Topsoil Stockpile



Proposed Access Road "B"

Proposed Access Road "A"

Proposed Access Road For the Red Hills Unit E2E2 Well Pad

REV: 1 08-24-17 C.I. (ACCESS ROAD RE-ROUTE, FLOW LINE CONNECTION AREA MOVE)

NOTES:

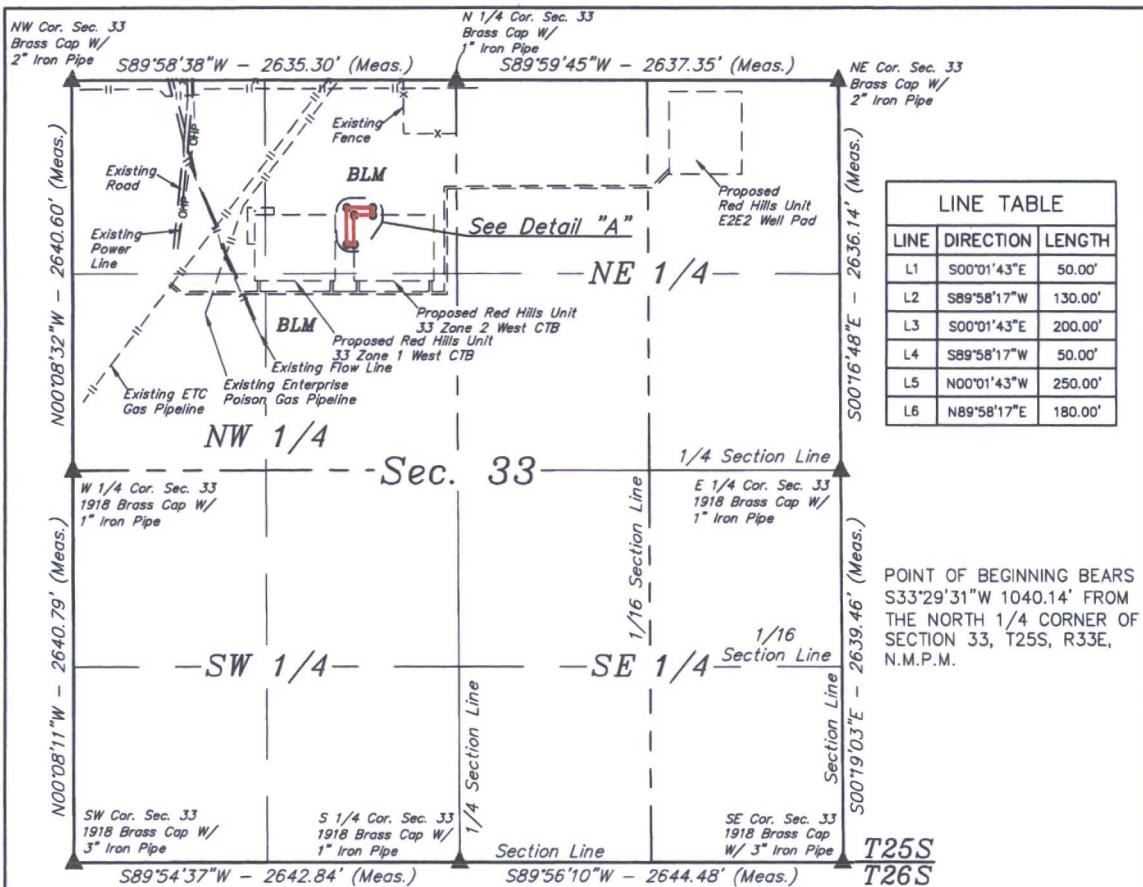
CIMAREX ENERGY CO.

RED HILLS UNIT 33 ZONE 2 WEST CTB
E 1/2 NW 1/4, SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



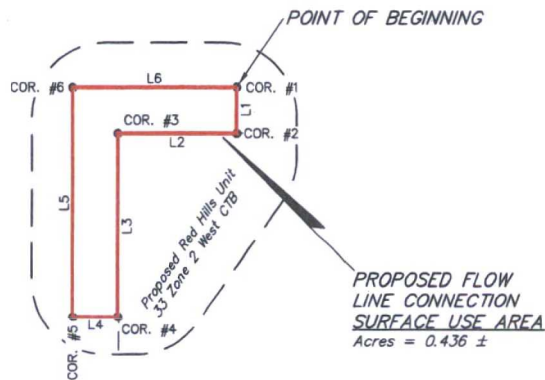
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SURVEYED BY	C.J., A.H., P.R.	05-04-17	SCALE
DRAWN BY	S.F.	06-02-17	1" = 100'
ARCHAEOLOGICAL SURVEY BOUNDARY			EXHIBIT F



FLOW LINE CONNECTION SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 33, T25S, R33E, N.M.P.M., WHICH BEARS S33°29'31"W 1040.14' FROM THE NORTH 1/4 CORNER OF SAID SECTION 33, THENCE S00°01'43"E 50.00'; THENCE S89°58'17"W 130.00'; THENCE S00°01'43"E 200.00'; THENCE S89°58'17"W 50.00'; THENCE N00°01'43"W 250.00'; THENCE N89°58'17"E 180.00' TO THE POINT OF BEGINNING. CONTAINS 0.436 ACRES MORE OR LESS.



CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY THEREON 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.



FILE: 61747-A

Sheet 1 of 2

REV: 1 08-24-17 C.I. (FLOW LINE CONNECTION SUA MOVE)

NOTES:

- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00"



CIMAREX ENERGY CO.

RED HILLS UNIT 33 ZONE 2 WEST CTB
SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J., A.H., P.R.	05-04-17	SCALE
DRAWN BY	B.D.H.	06-07-17	1" = 1000'
FLOW LINE CONNECTION EXHIBIT F			



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BEGINNING AT THE INTERSECTION OF J-1/ORLA ROAD AND PIPELINE ROAD TO THE EAST (LOCATED AT NAD83 LATITUDE N32.064964° AND LONGITUDE W103.674262°) PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY, THEN NORTHEASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE RED HILLS UNIT E2E2; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION THEN EASTERLY DIRECTION FOR APPROXIMATELY 1,809' TO THE PROPOSED ACCESS "A"; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 80' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM THE INTERSECTION OF J-1/ORLA ROAD AND PIPELINE ROAD TO THE SOUTH (LOCATED AT NAD83 LATITUDE N32.064964° AND LONGITUDE W103.674262°) TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 7.5 MILES.

REV: 01 08-24-17 L.W. (ROAD RE-ROUTE)

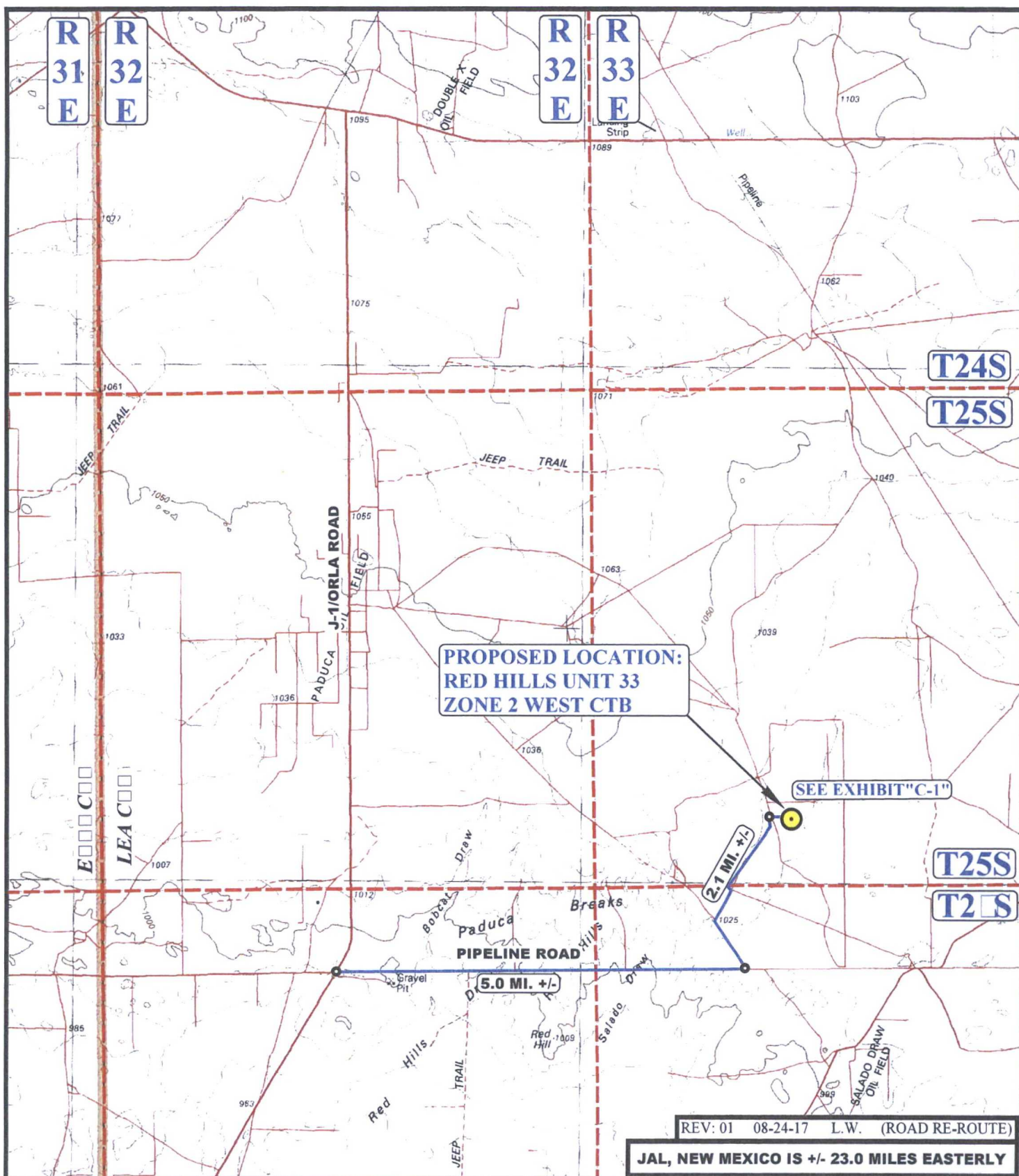
CIMAREX ENERGY CO.

**RED HILLS UNIT 33 ZONE 2 WEST CTB
E 1/2 NW 1/4, SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO**



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Vernal, UT 84078 * (435) 789-1017

SURVEYED BY	C.J., A.H.	05-05-17	
DRAWN BY			
ROAD DESCRIPTION		EXHIBIT F	



REV: 01 08-24-17 L.W. (ROAD RE-ROUTE)

JAL, NEW MEXICO IS +/- 23.0 MILES EASTERLY

LEGEND:

 PROPOSED LOCATION



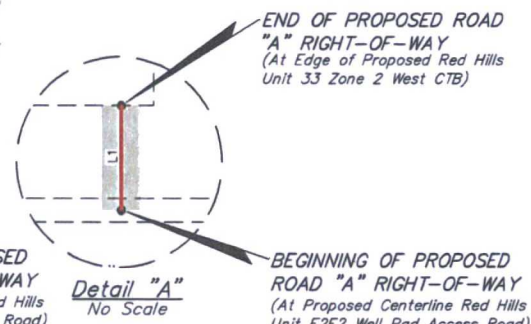
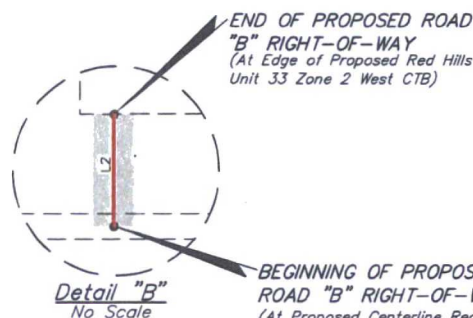
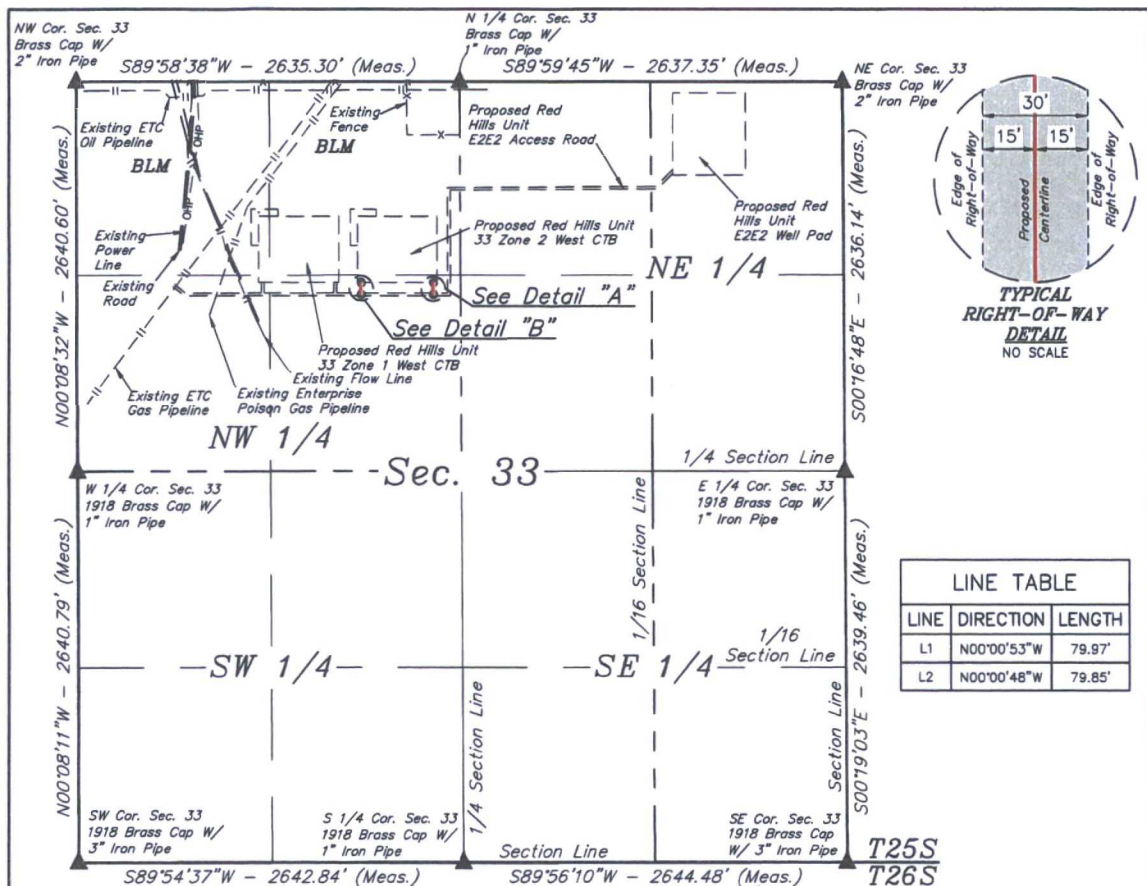
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Vernal, UT 84078 * (435) 789-1017



CIMAREX ENERGY CO.

RED HILLS UNIT 33 ZONE 2 WEST CTB
E 1/2 NW 1/4, SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.J., A.H.	05-05-17	SCALE
DRAWN BY	V.L.D.V.L.D.	05-26-17	1 : 100,000
PUBLIC ACCESS ROAD MAP		EXHIBIT B	



BEGINNING OF ROAD "A" BEARS S07°02'38"W 1458.22' FROM THE NORTH 1/4 CORNER OF SECTION 33, T25S, R33E, N.M.P.M.

END OF ROAD "A" BEARS S07°27'08"W 1378.89' FROM THE NORTH 1/4 CORNER OF SECTION 33, T25S, R33E, N.M.P.M.

BEGINNING OF ROAD "B" BEARS S25°07'37"W 1598.62' FROM THE NORTH 1/4 CORNER OF SECTION 33, T25S, R33E, N.M.P.M.

END OF ROAD "B" BEARS S26°24'01"W 1526.71' FROM THE NORTH 1/4 CORNER OF SECTION 33, T25S, R33E, N.M.P.M.



ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 33 (NW 1/4) ROAD "A"	BLM	79.97	4.85	0.055
SEC. 33 (NW 1/4) ROAD "B"	BLM	79.85	4.84	0.055
TOTAL		159.82	9.69	0.110

▲ = SECTION CORNERS LOCATED.

CERTIFICATE
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23582
08-24-17
PROFESSIONAL SURVEYOR

Sheet 1 of 2

FILE: 61748-A REV: 1 08-24-17 C.I. (ACCESS ROAD RE-ROUTE)

- NOTES:**
- The maximum grade of existing ground for the proposed access road "A" is $\pm 1.2\%$.
 - The maximum grade of existing ground for the proposed access road "B" is $\pm 0.2\%$.
 - Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00"



CIMAREX ENERGY CO.

RED HILLS UNIT 33 ZONE 2 WEST CTB
SECTION 33, T25S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



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Corporate Office * 85 South 200 East
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SURVEYED BY	C.J., A.H., P.R.	05-04-17	SCALE
DRAWN BY	06-07-17	1" = 1000'	

ACCESS ROAD R-O-W

EXHIBIT D