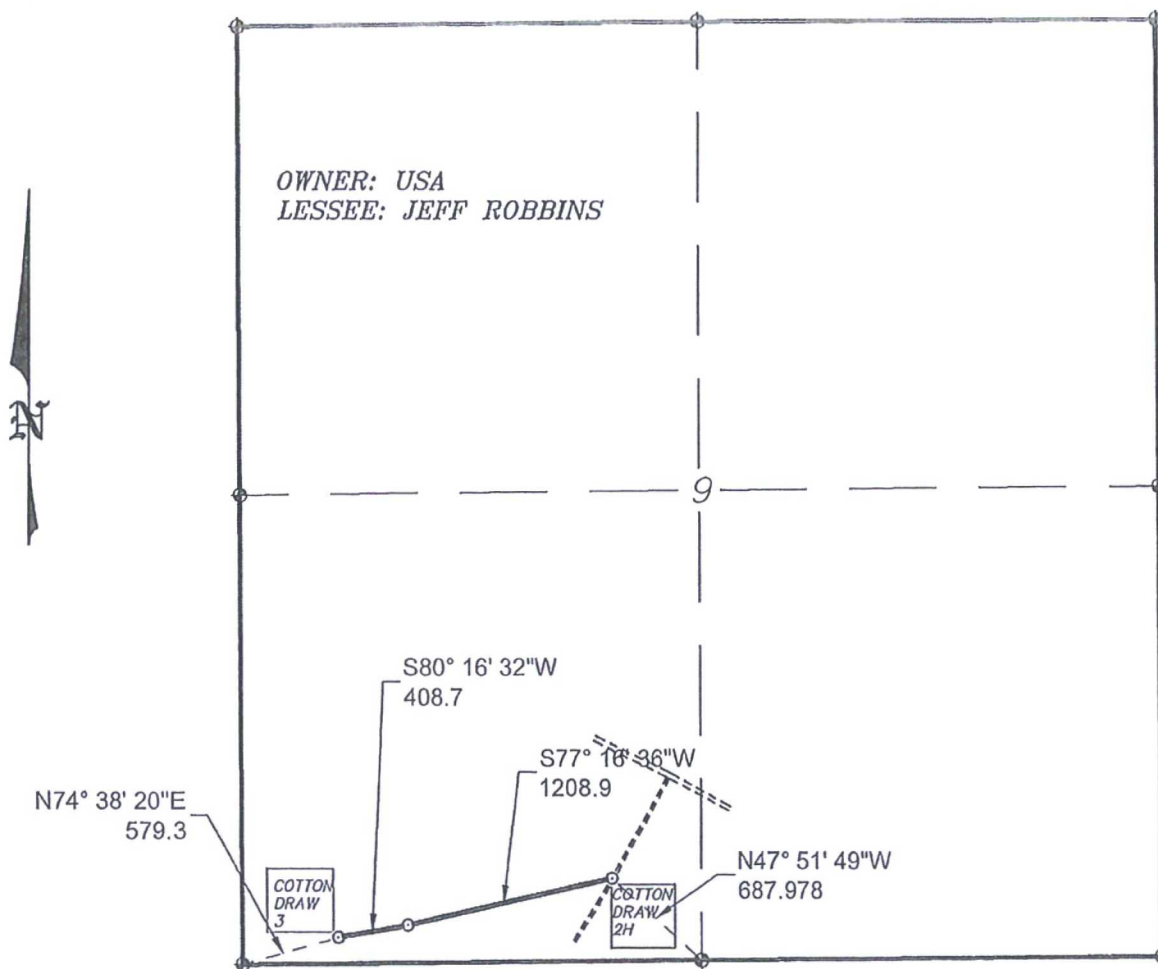


SECTION 9, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 9, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

SECTION 9 = 1617.6 FEET = 98.03 RODS = 0.30 MILES = 1.11 ACRES

I HEREBY CERTIFY THAT THIS MAP WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES, No. 7977  
TEXAS LAND SURVEYOR No. 5074

1000 0 1000 2000 FEET

**CIMAREX ENERGY CO. OF COLORADO**

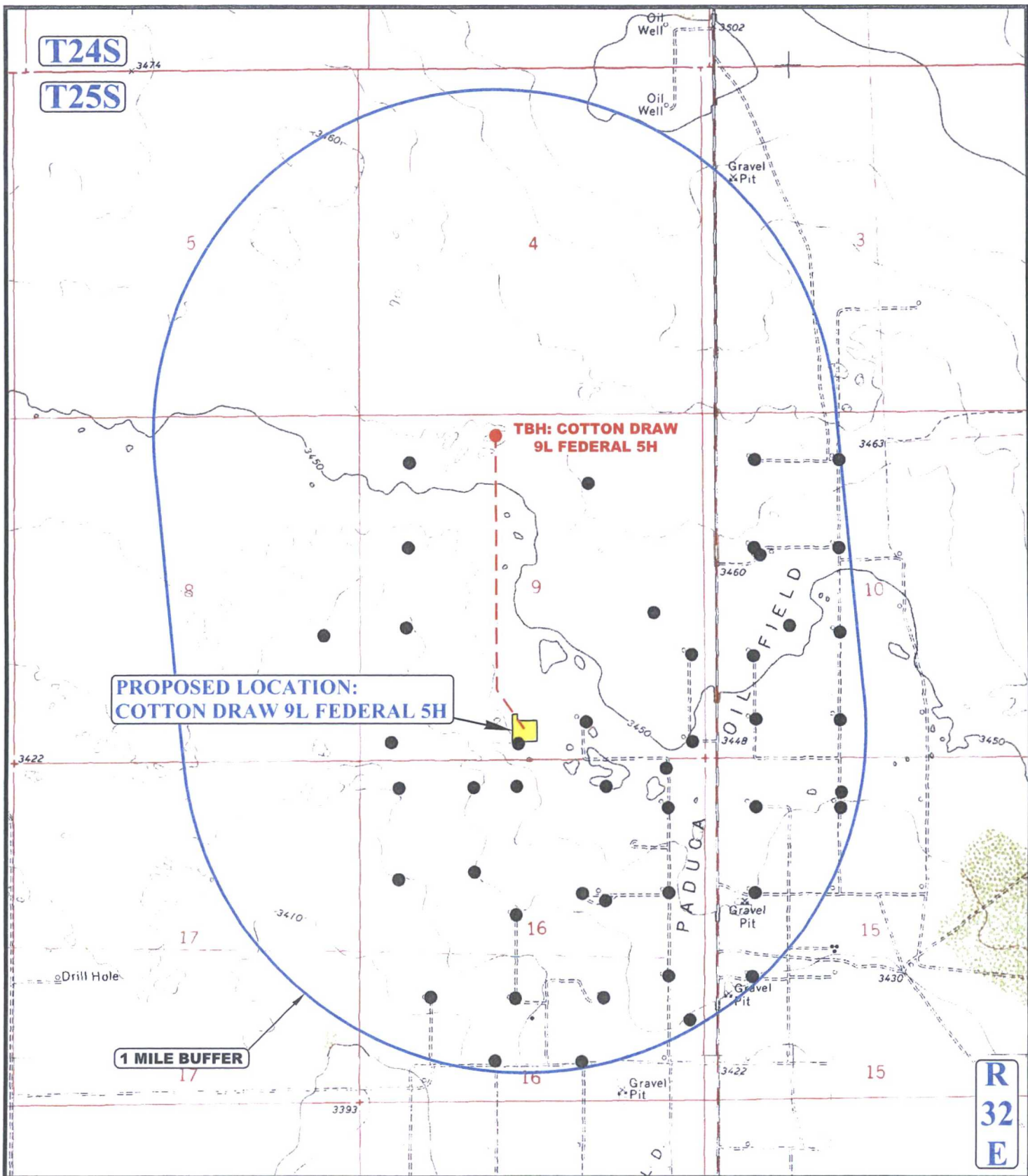
ROAD CROSSING USA LAND IN  
SECTION 9, TOWNSHIP 25 SOUTH, RANGE 32 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 28070 Drawn By: D. JONES

Date: 02-04-2013 Disk: DAJ 27460

Survey Date: 01-29-2013 Sheet 1 of 1 Sheets



**PROPOSED LOCATION:  
COTTON DRAW 9L FEDERAL 5H**

**1 MILE BUFFER**

**TBH: COTTON DRAW  
9L FEDERAL 5H**

**LEGEND:**

- EXISTING WELLS



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



**CIMAREX ENERGY CO.**

**COTTON DRAW 9L FEDERAL 5H**  
470' FSL 2545' FWL  
SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

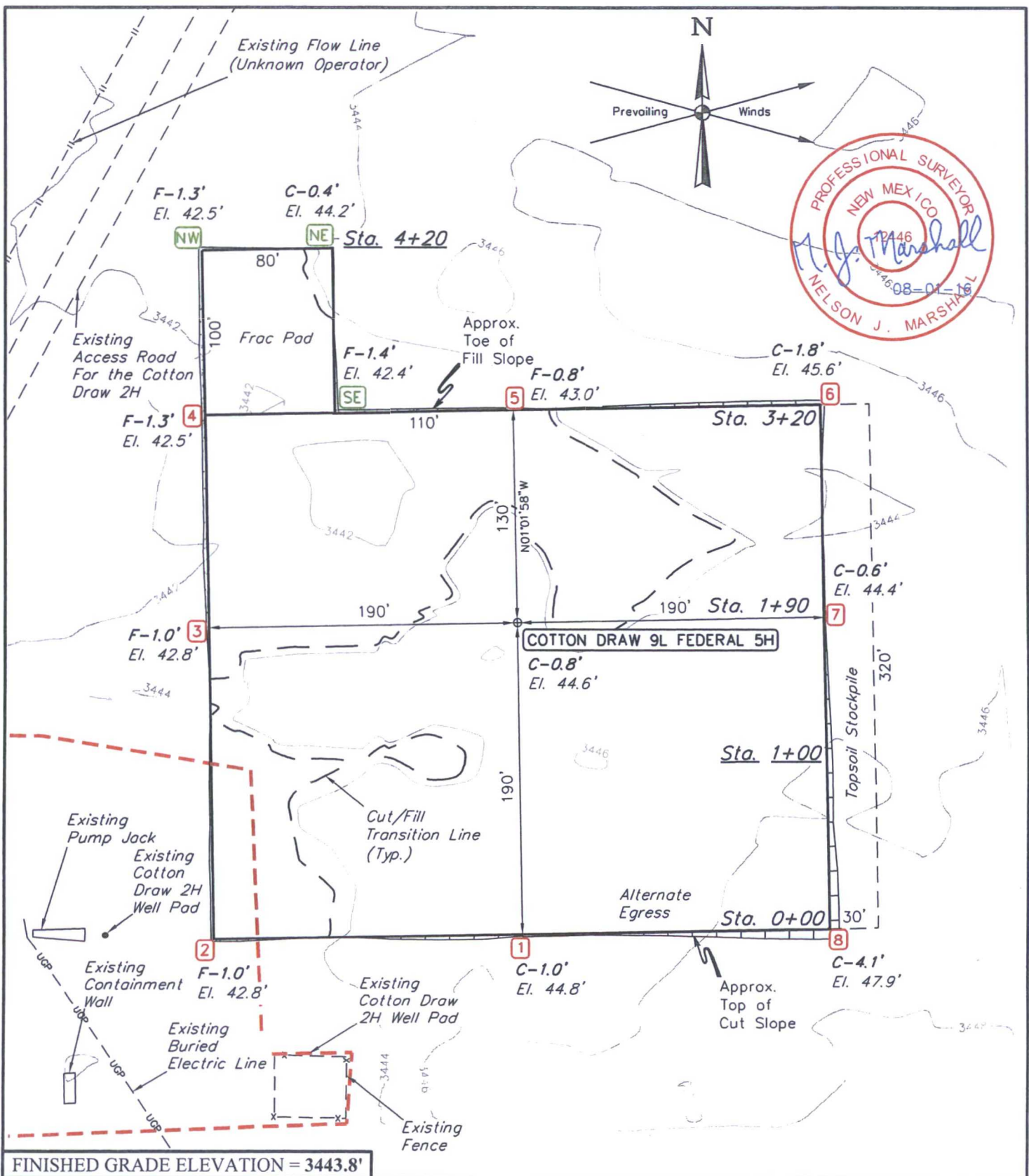
SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	1 : 24,000
ONE MILE RADIUS PLAT			EXHIBIT A

# Cotton Draw 9L Fed 5H

## Water Route







FINISHED GRADE ELEVATION = 3443.8'

**NOTES:**

- Flare pit is to be located a min. of 100' from the wellhead.
- 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.



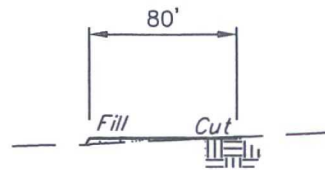
**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

**CIMAREX ENERGY CO.**

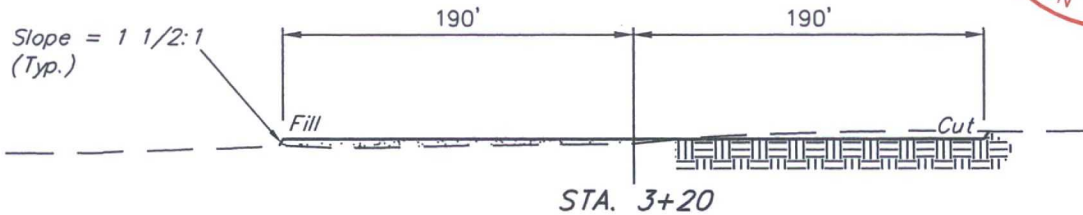
**COTTON DRAW 9L FEDERAL 5H**  
470' FSL 2545' FWL  
SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	1" = 80'
LOCATION LAYOUT		EXHIBIT D	

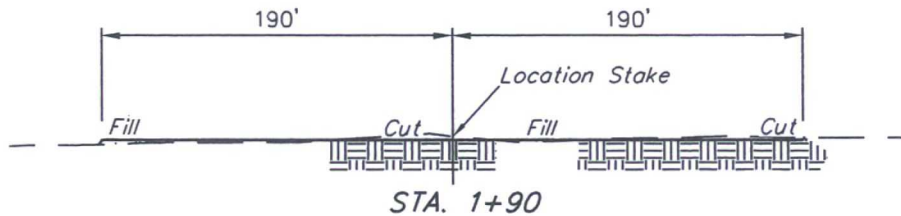
1" = 40'  
X-Section  
Scale  
1" = 100'



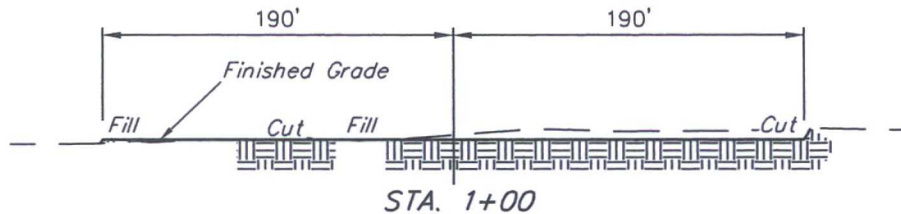
STA. 4+20



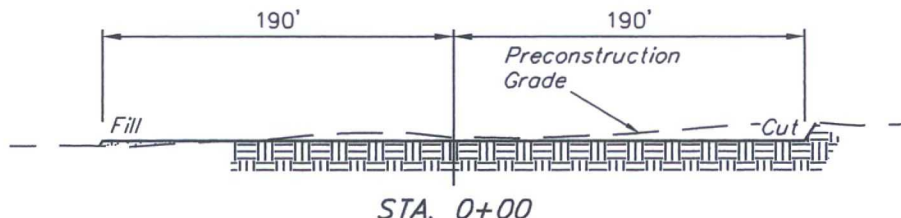
STA. 3+20



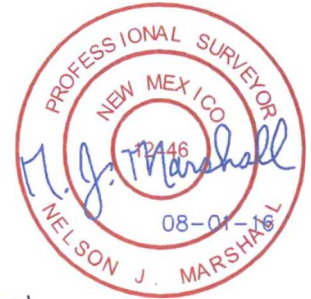
STA. 1+90



STA. 1+00



STA. 0+00



#### APPROXIMATE EARTHWORK QUANTITIES

(3") TOPSOIL STRIPPING (New Construction Only)	1,200 Cu. Yds.
REMAINING LOCATION	2,360 Cu. Yds.
<b>TOTAL CUT</b>	<b>3,560 Cu. Yds.</b>
<b>FILL</b>	<b>2,360 Cu. Yds.</b>
EXCESS MATERIAL	1,200 Cu. Yds.
TOPSOIL	1,200 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

#### APPROXIMATE SURFACE DISTURBANCE AREAS

	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±3.249
30' WIDE FLOW LINE R-O-W DISTURBANCE	±547.86'	±0.396
<b>TOTAL SURFACE USE AREA</b>		<b>±3.645</b>

#### NOTES:

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

#### CIMAREX ENERGY CO.

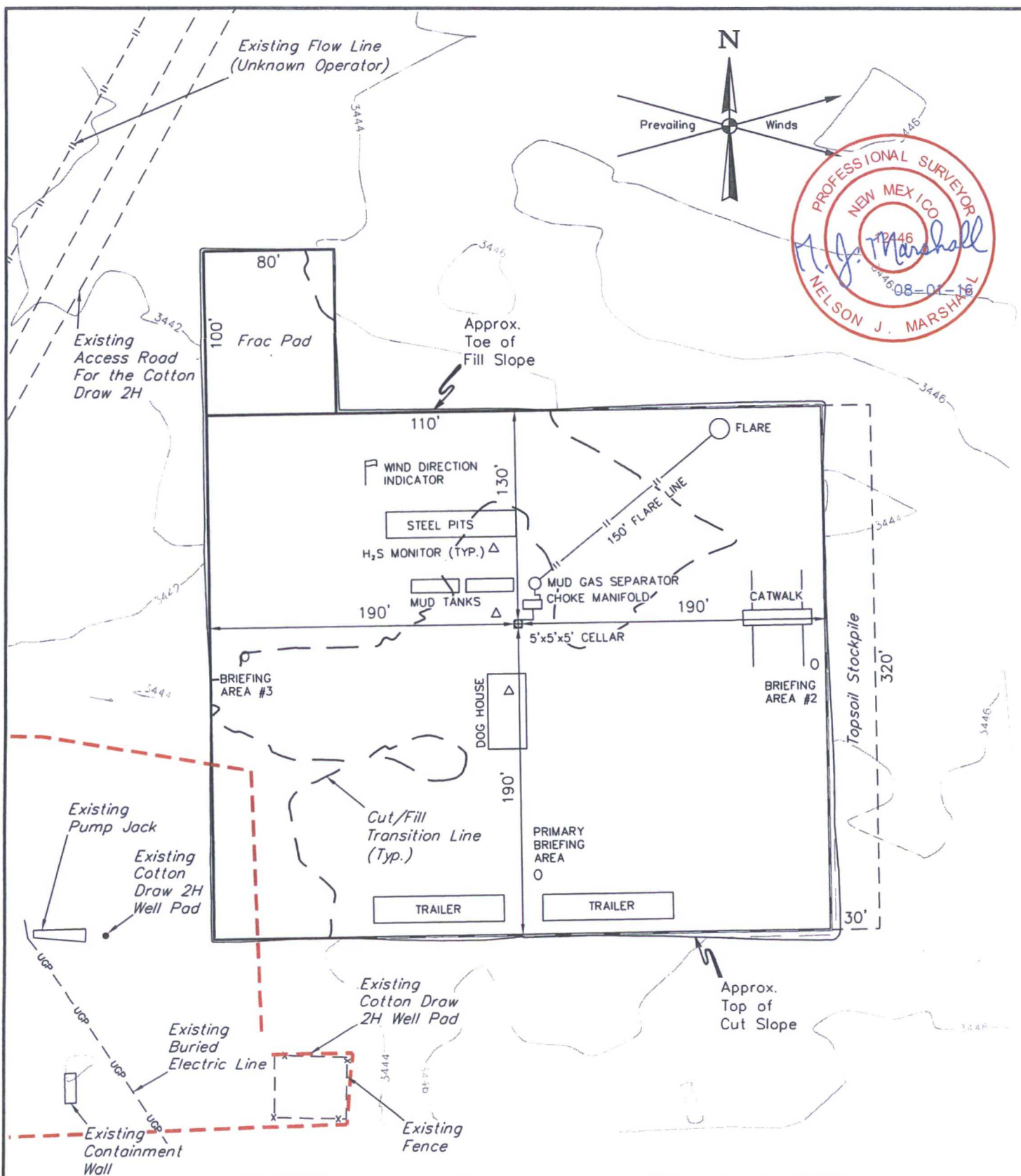
COTTON DRAW 9L FEDERAL 5H  
470' FSL 2545' FWL  
SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	AS SHOWN
<b>TYPICAL CROSS SECTIONS</b>		<b>EXHIBIT D</b>	



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





# **NOTES:**

- Contours shown at 2' intervals.

## **CIMAREX ENERGY CO.**

### **COTTON DRAW 9L FEDERAL 5H**

470' FSL 2545' FWL

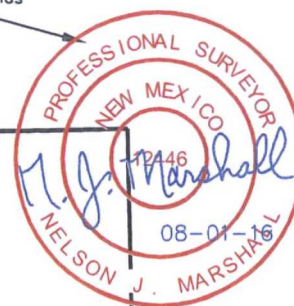
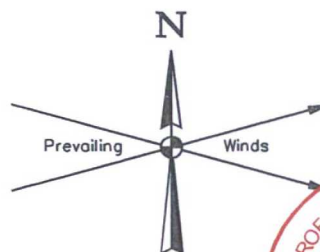
SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	1" = 80'
TYPICAL RIG LAYOUT		EXHIBIT D	



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

Existing Flow Line  
(Unknown Operator)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S21°W	286'
L2	S39°W	374'
L3	S44°W	387'
L4	S53°W	317'
L5	S55°W	325'
L6	S61°W	187'
L7	N47°W	345'

Existing Access Road  
For the Cotton  
Draw 2H

Frac Pad

COTTON DRAW 9L FEDERAL 5H

Cotton Draw 9L Federal  
5H Location Stake

Existing Cotton Draw  
2H Well Pad

Existing Pump Jack

Topsail Stockpile

600' X 630'  
Archaeological Survey  
Boundary

Existing Cotton  
Draw 2H  
Well Head

Existing Containment  
Wall

Existing Buried  
Electric Line

Existing Fence

**NOTES:**

**CIMAREX ENERGY CO.**

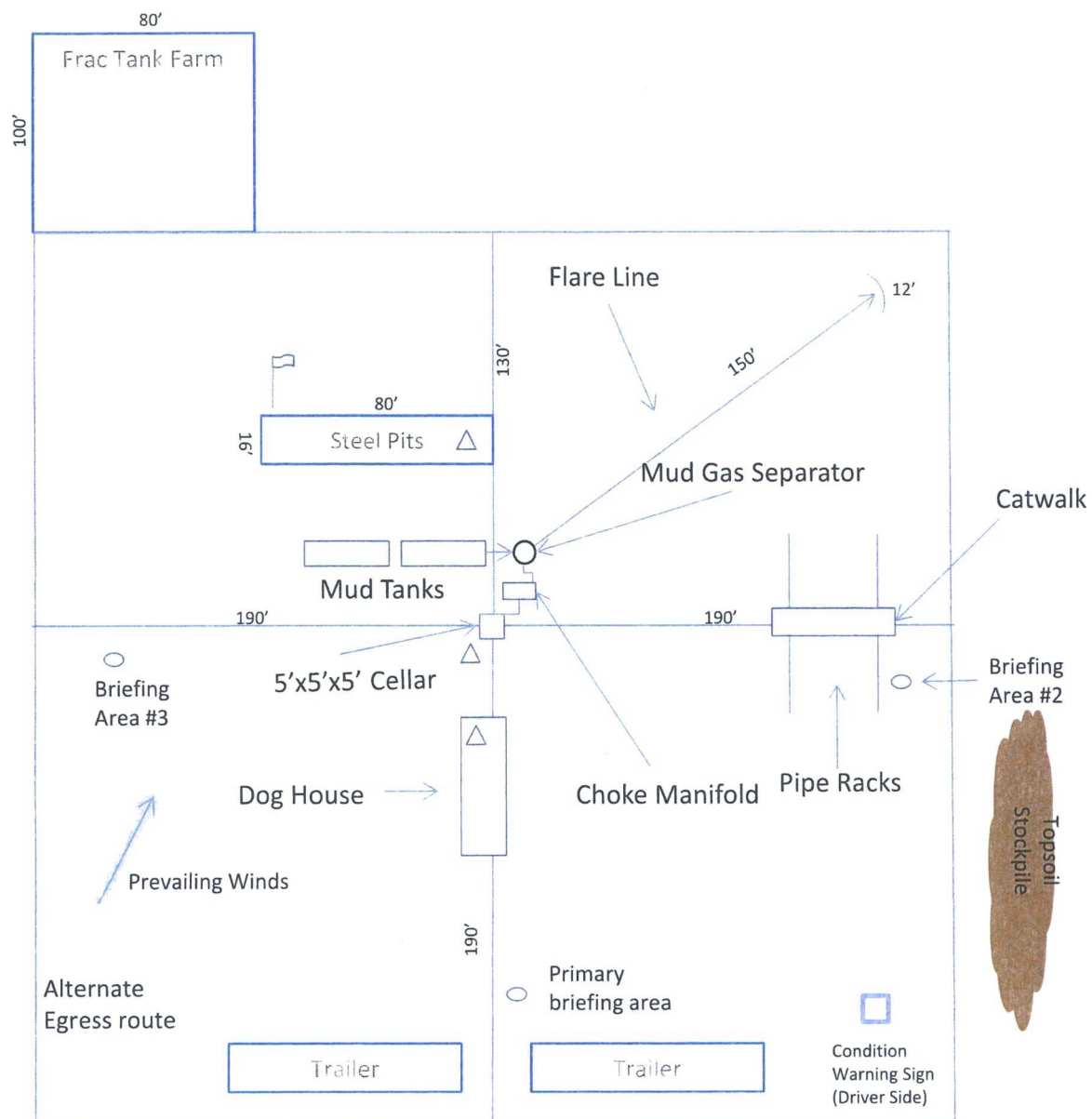
**COTTON DRAW 9L FEDERAL 5H**  
470' FSL 2545' FWL

SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	1" = 100'
ARCHAEOLOGICAL SURVEY BOUNDARY			EXHIBIT D



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






-  Wind Direction Indicators (wind sock or streamers)
-  • H2S Monitors (alarms at bell nipple and shale shaker)
-  Briefing Areas



Exhibit D-1 – Rig Diagram  
**Cotton Draw 9L Federal #5H**  
 Cimarex Energy Co.  
 9-25S-32E  
 Lea County, NM



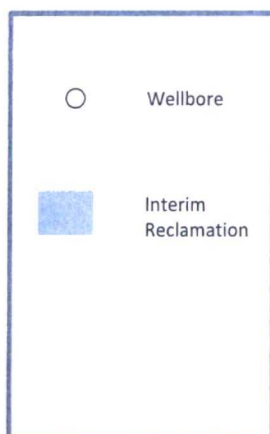
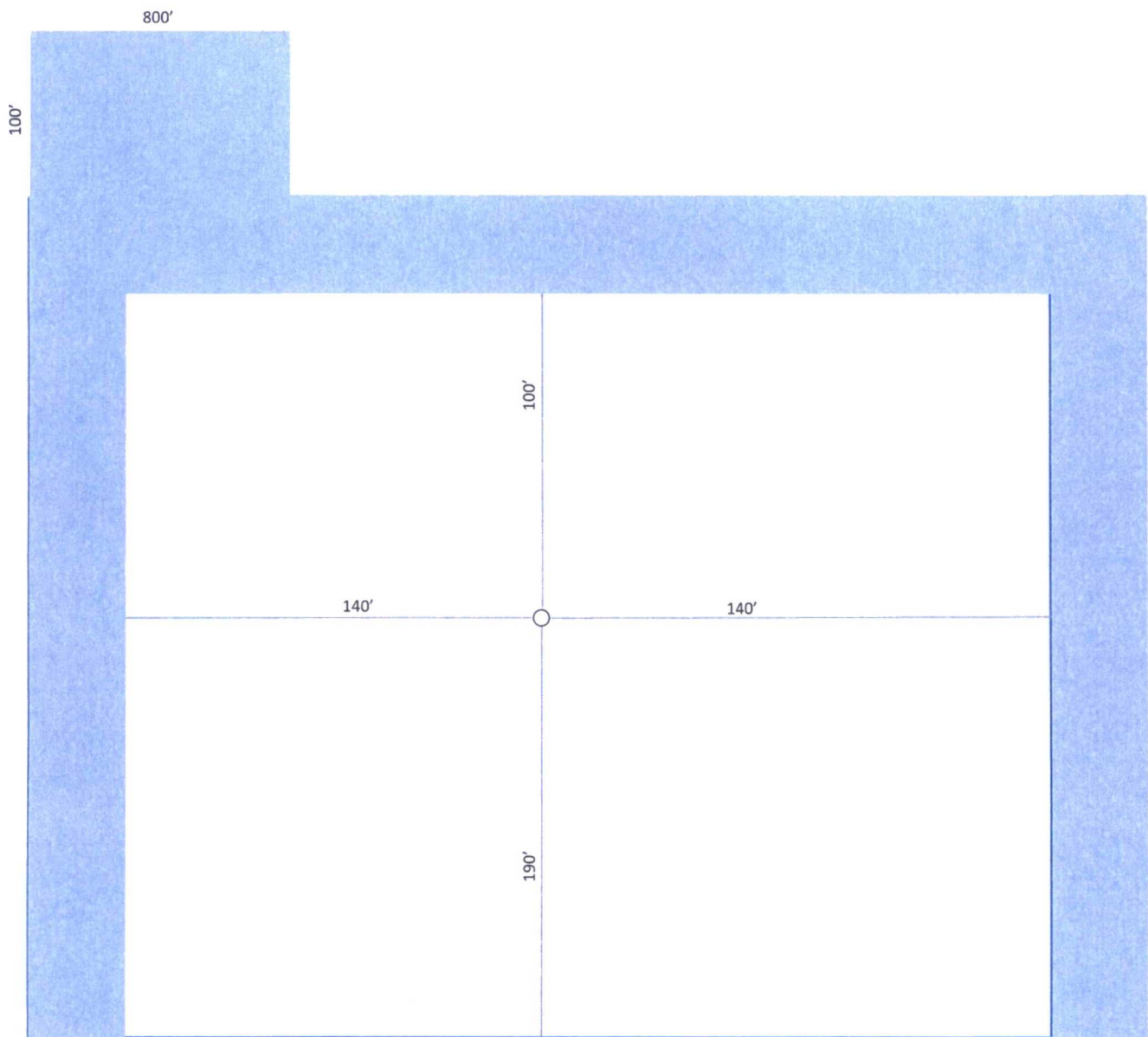
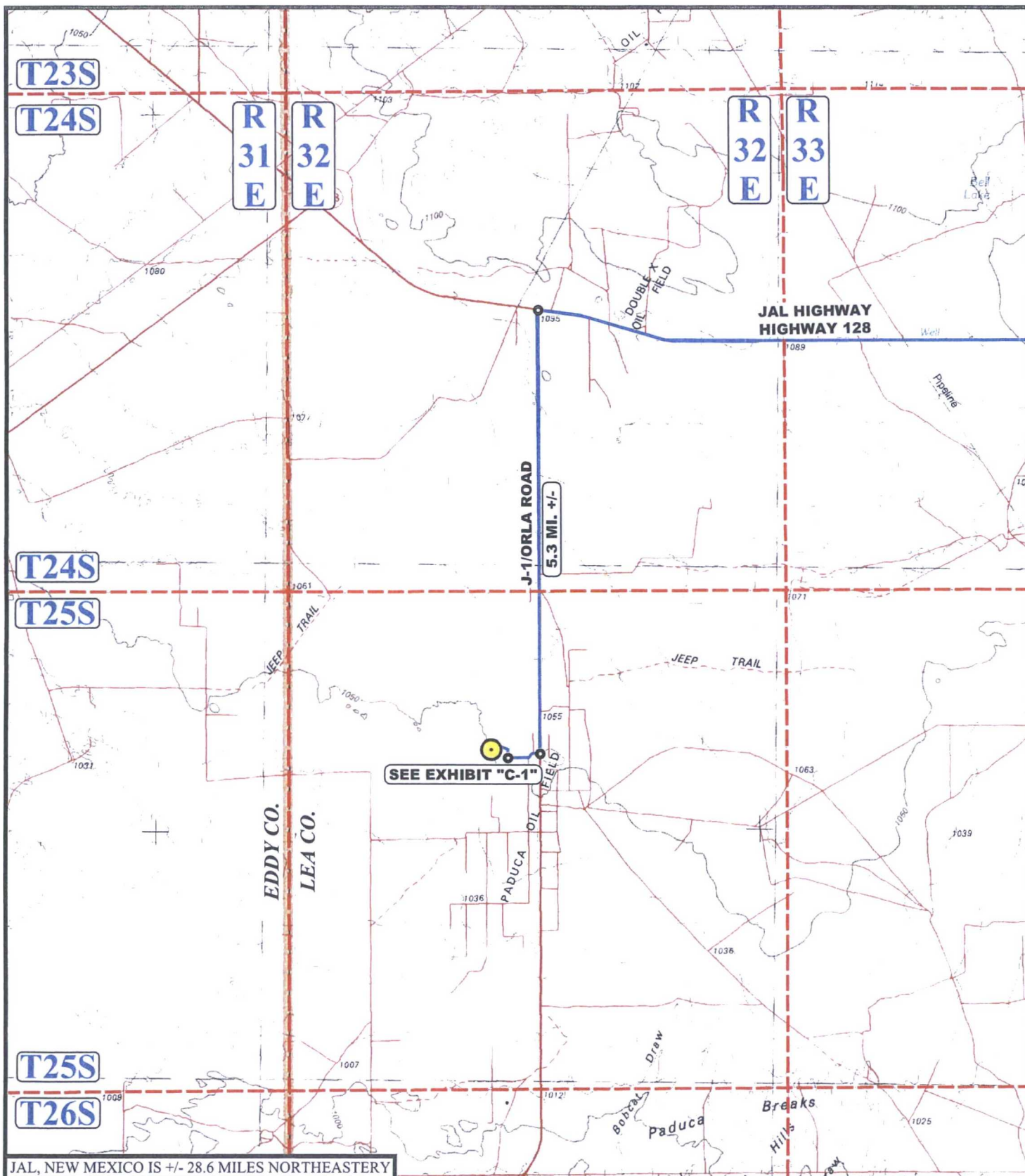


Exhibit D-1  
Interim Reclamation Diagram  
**Cotton Draw 9L Federal #5H**  
Cimarex Energy Co.  
9-25S-32E  
Lea County, NM



JAL, NEW MEXICO IS +/- 28.6 MILES NORTHEASTERY

**LEGEND:**



PROPOSED LOCATION



**CIMAREX ENERGY CO.**

COTTON DRAW 9L FEDERAL 5H  
470' FSL 2545' FWL  
SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	1 : 100,000
PUBLIC ACCESS ROAD MAP		EXHIBIT B	



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



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.

 EXISTING ROAD  
 PROPOSED ROAD  
 PROPOSED FLOW LINE  
 EXISTING PIPELINE/FLOW LINE  
 EXISTING BURIED ELECTRIC LINE



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



COTTON DRAW 9L FEDERAL 5H  
470' FSL 2545' FWL  
SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

<b>SURVEYED BY</b>	A.H., J.J.	07-23-16	<b>SCALE</b>
<b>DRAWN BY</b>	C.D.	07-26-16	1 : 12,000

TOPOGRAPHIC MAP

EXHIBIT C-1



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 ALONG J-1 / ORLA ROAD APPROXIMATELY 5.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ACCESS ROAD TO THE COTTON DRAW 2H LOCATION TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 677' TO THE COTTON DRAW 2H LOCATION AND THE PROPOSED LOCATION TO THE EAST.

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 6.1 MILES.

# **CIMAREX ENERGY CO.**

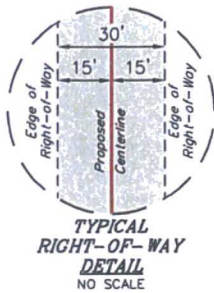
**COTTON DRAW 9L FEDERAL 5H**  
**470' FSL 2545' FWL**  
**SE 1/4 SW 1/4, SECTION 9, T25S, R32E, N.M.P.M.**  
**LEA COUNTY, NEW MEXICO**

SURVEYED BY	A.H., J.J.	07-23-16	
DRAWN BY	C.D.	07-26-16	

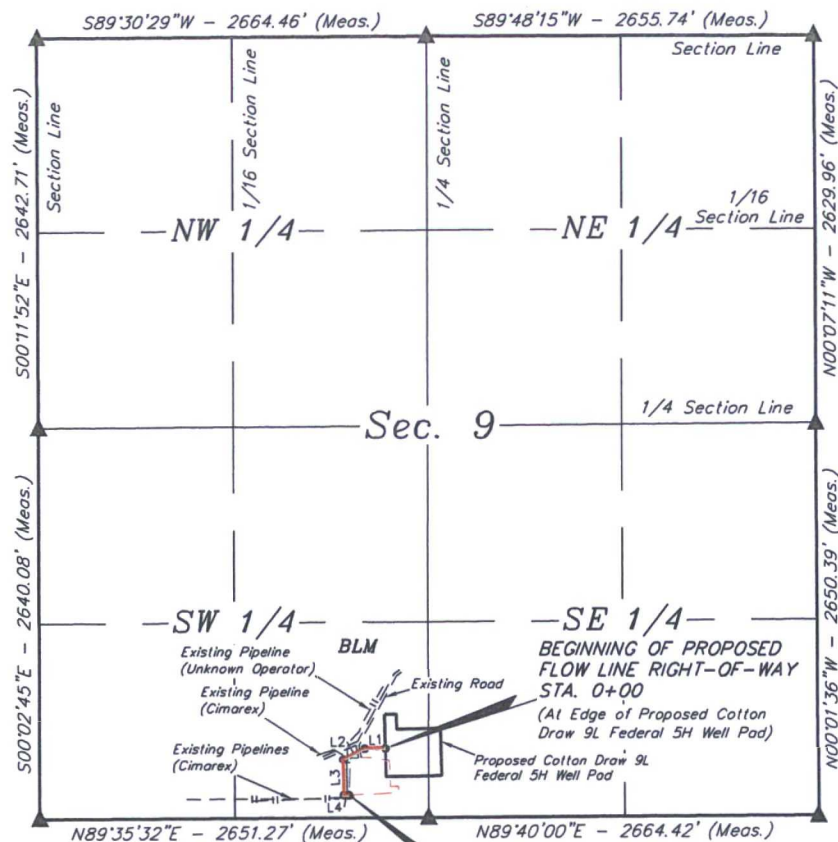
**Exhibit J ROAD DESCRIPTION**



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



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S88°55'04"W	143.17'
L2	S62°33'04"W	161.52'
L3	S00°49'30"E	237.09'
L4	S88°39'37"E	33.08'



BEGINNING OF FLOW LINE STA. 0+00 BEARS N32°28'33"W 552.43' FROM THE SOUTH 1/4 CORNER OF SECTION 9, T25S, R32E, N.M.P.M.

END OF FLOW LINE STA. 5+74.86 BEARS N74°33'28"W 567.08' FROM THE SOUTH 1/4 CORNER OF SECTION 9, T25S, R32E, N.M.P.M.

END OF PROPOSED FLOW LINE RIGHT-OF-WAY STA. 5+74.86 (At Existing Cotton Draw 2H 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 9, T25S, R32E, N.M.P.M., WHICH BEARS N32°28'33"W 552.43' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 9, THENCE S88°55'04"W 143.17'; THENCE S62°33'04"W 161.52'; THENCE S00°49'30"E 237.09'; THENCE S88°39'37"E 33.08' TO A POINT IN THE SE 1/4 SW 1/4 OF SAID SECTION 9, WHICH BEARS N74°33'28"W 567.08' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 9. 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 0.396 ACRES MORE OR LESS.

ACREAGE / LENGTH TABLE			
OWNERSHIP	FEET	RODS	ACRES
BLM	574.86	34.84	0.396

▲ = SECTION CORNERS LOCATED.

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

CERTIFICATE  
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12446  
STATE OF NEW MEXICO  
08-01-16

FILE: 60969-A

Sheet 1 of 2



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



CIMAREX ENERGY CO.

COTTON DRAW 9L FEDERAL 5H  
SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	1" = 1000'
FLOW LINE R-O-W		EXHIBIT G	

STATION CORNER	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 9-T25S-R32E	N 32°09'07.75"	W 103°41'19.09"
N 1/4 COR. SEC. 9-T25S-R32E	N 32°09'07.96"	W 103°40'48.10"
NE COR. SEC. 9-T25S-R32E	N 32°09'08.04"	W 103°40'17.22"
E 1/4 COR. SEC. 9-T25S-R32E	N 32°08'42.02"	W 103°40'17.17"
SE COR. SEC. 9-T25S-R32E	N 32°08'15.80"	W 103°40'17.17"
S 1/4 COR. SEC. 9-T25S-R32E	N 32°08'15.66"	W 103°40'48.15"
SW COR. SEC. 9-T25S-R32E	N 32°08'15.48"	W 103°41'18.97"
W 1/4 COR. SEC. 9-T25S-R32E	N 32°08'41.60"	W 103°41'18.99"

NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00.00	N 32°08'20.27"	W 103°40'51.59"
1	1+43.17	N 32°08'20.24"	W 103°40'53.26"
2	3+04.69	N 32°08'19.51"	W 103°40'54.93"
3	5+41.78	N 32°08'17.16"	W 103°40'54.89"
END	5+74.86	N 32°08'17.15"	W 103°40'54.47"

CERTIFICATE  
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM A BELIEVED  
NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION  
AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY  
KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12446  
STATE OF NEW MEXICO  
08-01-16

FILE: 60969-B

Sheet 2 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.

COTTON DRAW 9L FEDERAL 5H  
SECTION 9, T25S, R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H., J.J.	07-23-16	SCALE
DRAWN BY	C.D.	07-26-16	N/A
FLOW LINE R-O-W		EXHIBIT G	





December 19, 2016

Bureau of Land Management  
Carlsbad Field Office  
620 E. Greene St.  
Carlsbad, New Mexico 88220

Re: Cotton Draw 9L Federal 5H - Federal Lease NMLC061873B  
SESW, Sec 9  
Township 25 South, Range 32 East, N.M.P.M.  
Lea County, New Mexico

Gentlemen:

Per the Bureau of Land Management's ("BLM") letter dated, November 17, 2016, regarding Cimarex's Application for Permit to Drill ("APD") for the above captioned well, the BLM cited the following deficiency regarding the APD:

- "2-Operator does not appear to have operating rights on the lease."

Cimarex received an assignment from Resaca Exploitation, Inc., which conveyed an undivided 100% of all of the W/2 of Section 9, T25S-R32E. Upon request from the BLM, Cimarex will provide a copy of that executed assignment from Resaca to Cimarex.

Please let this letter serve as notice for curing the deficiency cited above in Cimarex's APD for the Cotton Draw 9L Federal 5H.

If you should have any questions, please contact the undersigned directly at (432) 571-7806 or by email at [celliott@cimarex.com](mailto:celliott@cimarex.com).

Sincerely,

A handwritten signature in blue ink, appearing to read "C. Elliott", written over a light blue circular stamp.

**Cimarex Energy Co.**

Cody Elliott  
Landman