Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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 OCD

SUBMIT IN TRIPLICATE - Other instructions on page 2

OCT 16 2017

RECEIVED

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMNM86154
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. TRISTE DRAW 25 FED COM 10H
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: ARICKA EASTERLING E-Mail: aeasterling@cimarex.com	9. API Well No. 30-025-42082-00-X1
3a. Address 202 S CHEYENNE AVE. SUITE 1000 TULSA, OK 74103 3b. Phone No. (include area code) Ph: 918.560.7060	10. Field and Pool or Exploratory Area TRISTE DRAW-DELAWARE
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 25 T23S R32E SWSW 330FSL 1270FWL 32.269353 N Lat, 103.632767 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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 request approval to change the original drilling plan for the above referenced well. Cimarex proposes to change the SHL & BHL there by changing the directional plan. No additional disturbance is required for the well pad.
Approved:
SHL: 330 FSL & 1270 FWL
BHL: 330 FNL & 440 FWL
Proposed
SHL: 510 FSL & 1120 FWL
BHL: 330 FNL & 1080 FWL
Access road: 750
Gas Lift & Flow line on lease: 1,229 , 4 buried HP steel for Oil/Gas/ Water production & 1153

OK Per Bob Ballard 10.2.2017 Eng OK 4/17/17 CWells

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

Electronic Submission #371590 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 04/11/2017 (17DLM0845SE)

Name *(Printed/Typed)* ARICKA EASTERLING — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 03/29/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Wells Acting for — Title AFM — Date 10/2/17

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)

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

REQUIRES NSL ORDER

Additional data for EC transaction #371590 that would not fit on the form

32. Additional remarks, continued

, 4 buried HP steel for Gas lift
MAOP: 1500 psi Anticipated working pressure: Gas lift: 1100 psi, Flowline: 200-300 psi

Please see attached plat, directional plan, drilling plan for changes regarding the well, and flowline/gas lift plats to new battery. A separate sundry for the CTB has also been submitted.

1. Geological Formations

TVD of target 9,450
MD at TD 13,692

Pilot Hole TD N/A
Deepest expected fresh water

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone	Hazards
OSE Groundwater	475	N/A	
Rustler	1220	N/A	
Salt	2450	N/A	
Castille	3600	N/A	
Base Last Salt	4780	N/A	
Lamar	4990	N/A	
Bell Canyon	5040	Hydrocarbons	
Cherry Canyon	6150	N/A	
Brushy Canyon	7200	Hydrocarbons	
Bone Spring	8850	Hydrocarbons	
Avalon Shale	9450	Hydrocarbons	

2. Casing Program

Hole Size	Casing Depth From	Casing Depth To	Casing Size	Weight (lb/ft)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
17 1/2	0	1270	13-3/8"	48.00	H-40/J-55 Hybrid	ST&C	1.27	2.98	5.28
12 1/4	0	5010	9-5/8"	40.00	J-55	LT&C	1.54	1.49	2.59
8 3/4	0	8830	5-1/2"	17.00	L-80	LT&C	1.49	1.83	2.10
8 3/4	8830	13692	5-1/2"	17.00	L-80	BT&C	1.39	1.71	37.67
				BLM Minimum Safety Factor			1.125	1	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	N
Is well within the designated 4 string boundary.	N
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	N
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	N
Is 2nd string set 100' to 600' below the base of salt?	N
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	N
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	N
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	N

3. Cementing Program

Casing	# Sks	Wt. lb/gal	Yld ft3/sack	H2O gal/sk	500# Comp. Strength (hours)	Slurry Description
Surface	616	13.50	1.72	9.15	15.5	Lead: Class C + Bentonite
	165	14.80	1.34	6.32	9.5	Tail: Class C + LCM
Intermediate	940	12.90	1.88	9.65	12	Lead: 35:65 (Poz:C) + Salt + Bentonite
	288	14.80	1.36	6.57	9.5	Tail: Class C + Retarder
Production	-202	9.20	6.18	28.80		Lead: Class C + Extender + Salt + Strength Enhancement + LCM + Fluid Loss + Retarder
	2741	14.20	1.30	5.86	14:30	Tail: 50:50 (Poz:H) + Salt + Bentonite + Fluid Loss + Dispersant + SMS

Casing String	TOC	% Excess
Surface	0	45
Intermediate	0	44
Production	4810	3

4. Pressure Control Equipment

	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.

BOP installed and tested before drilling which hole?	Size	Min Required WP	Type		Tested To
12 1/4	13 5/8	2M	Annular	X	50% of working pressure
			Blind Ram		2M
			Pipe Ram		
			Double Ram	X	
			Other		
8 3/4	13 5/8	3M	Annular	X	50% of working pressure
			Blind Ram		3M
			Pipe Ram		
			Double Ram	X	
			Other		

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

	Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.	
	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.	
	N	Are anchors required by manufacturer?

5. Mud Program

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0' to 1270'	FW Spud Mud	8.30 - 8.80	28	N/C
1270' to 5010'	Brine Water	9.70 - 10.20	30-32	N/C
5010' to 13692'	FW/Cut Brine	8.70 - 9.20	30-32	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL fromTD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test?
	Coring?

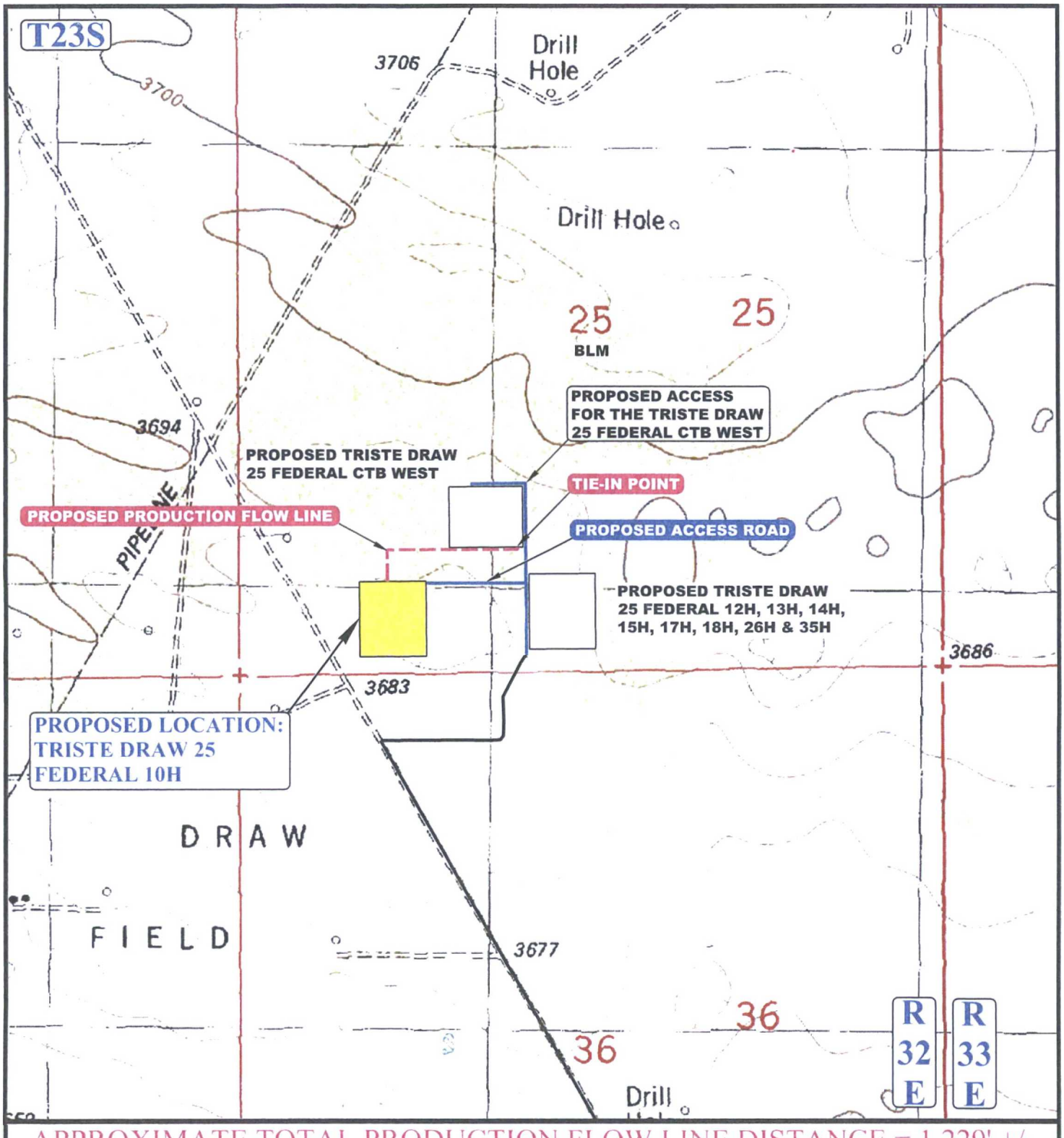
Additional Logs Planned	Interval

7. Drilling Conditions

Condition	
BH Pressure at deepest TVD	4520 psi
Abnormal Temperature	No

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
X	H2S is present
X	H2S plan is attached

8. Other Facets of Operation



APPROXIMATE TOTAL PRODUCTION FLOW LINE DISTANCE = 1,229' +/-

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 PRODUCTION FLOW LINE

N

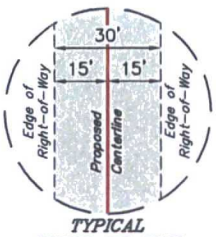
CIMAREX ENERGY CO.

TRISTE DRAW 25 FEDERAL 10H
SW 1/4 SW 1/4, SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

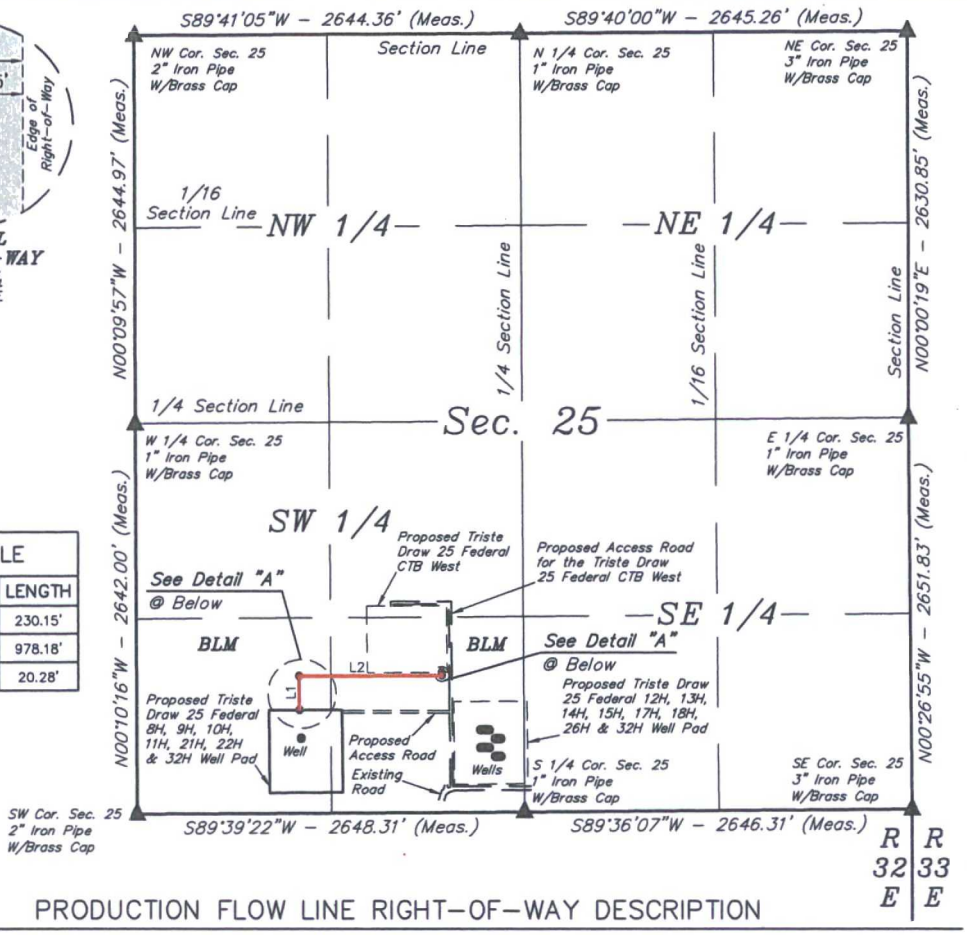
SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	T.E.	03-09-17	1 : 12,000
PRODUCTION FLOW LINE MAP			EXHIBIT G-1

UINTAH ENGINEERING & LAND SURVEYING

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



TYPICAL RIGHT-OF-WAY DETAIL
NO SCALE



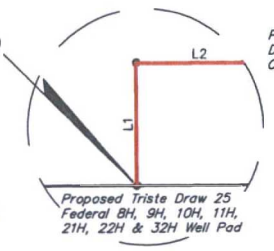
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°20'14"W	230.15'
L2	N89°40'48"E	978.18'
L3	N00°20'38"W	20.28'

PRODUCTION FLOW LINE RIGHT-OF-WAY DESCRIPTION

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

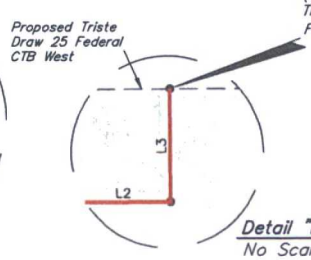
BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 25, T23S, R32E, N.M.P.M., WHICH BEARS N57°27'24"E 1313.60' FROM THE SOUTHWEST CORNER OF SAID SECTION 25, THENCE N00°20'14"W 230.15'; THENCE N89°40'48"E 978.18'; THENCE N00°20'38"W 20.28' TO A POINT IN THE SE 1/4 SW 1/4 OF SAID SECTION 25, WHICH BEARS N30°47'47"W 1102.03' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 25. 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 0.846 ACRES MORE OR LESS.

BEGINNING OF PROPOSED PRODUCTION FLOW LINE RIGHT-OF-WAY
(At Edge of Proposed Triste Draw 25 Federal 8H, 9H, 10H, 11H, 21H, 22H & 32H Well Pad)



Detail "A"
No Scale

END OF PROPOSED PRODUCTION FLOW LINE RIGHT-OF-WAY
(At Edge of Proposed Triste Draw 25 Federal CTB West)



Detail "B"
No Scale

BEGINNING OF PRODUCTION FLOW LINE BEARS N57°27'24"E 1313.60' FROM THE SOUTHWEST CORNER OF SECTION 25, T23S, R32E, N.M.P.M.

END OF PRODUCTION FLOW LINE BEARS N30°47'47"W 1102.03' FROM THE SOUTH 1/4 CORNER OF SECTION 25, T23S, R32E, N.M.P.M.

ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 25 (SW 1/4)	BLM	1228.61	74.46	0.846

▲ = 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 IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STATE OF NEW MEXICO 23782 PROFESSIONAL SURVEYOR 03-13-17

FILE: 61474-A1

Sheet 1 of 2

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

N

CIMAREX ENERGY CO.

TRISTE DRAW 25 FEDERAL 10H
SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	S.F.	02-28-17	1" = 1000'
PRODUCTION FLOW LINE R-O-W			EXHIBIT G-1

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H			
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 25, T23S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°16'58.67"	W 103°38'12.79"
N 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'58.75"	W 103°37'41.99"
NE COR. SEC. 25, T23S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°16'58.84"	W 103°37'11.18"
E 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'32.81"	W 103°37'11.26"
SE COR. SEC. 25, T23S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°16'06.57"	W 103°37'11.09"
S 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'06.45"	W 103°37'41.91"
SW COR. SEC. 25, T23S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°16'06.36"	W 103°38'12.75"
W 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'32.50"	W 103°38'12.77"

TRISTE DRAW 25 FEDERAL 10H PRODUCTION FLOW LINE			
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°16'13.32"	W 103°37'59.83"
1	2+30.15	N 32°16'15.60"	W 103°37'59.84"
2	12+08.33	N 32°16'15.63"	W 103°37'48.45"
END	12+28.61	N 32°16'15.83"	W 103°37'48.45"

CERTIFICATE

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NEW MEXICO 23782 PROFESSIONAL SURVEYOR

03-13-17

FILE: 6 1 4 7 4-A2

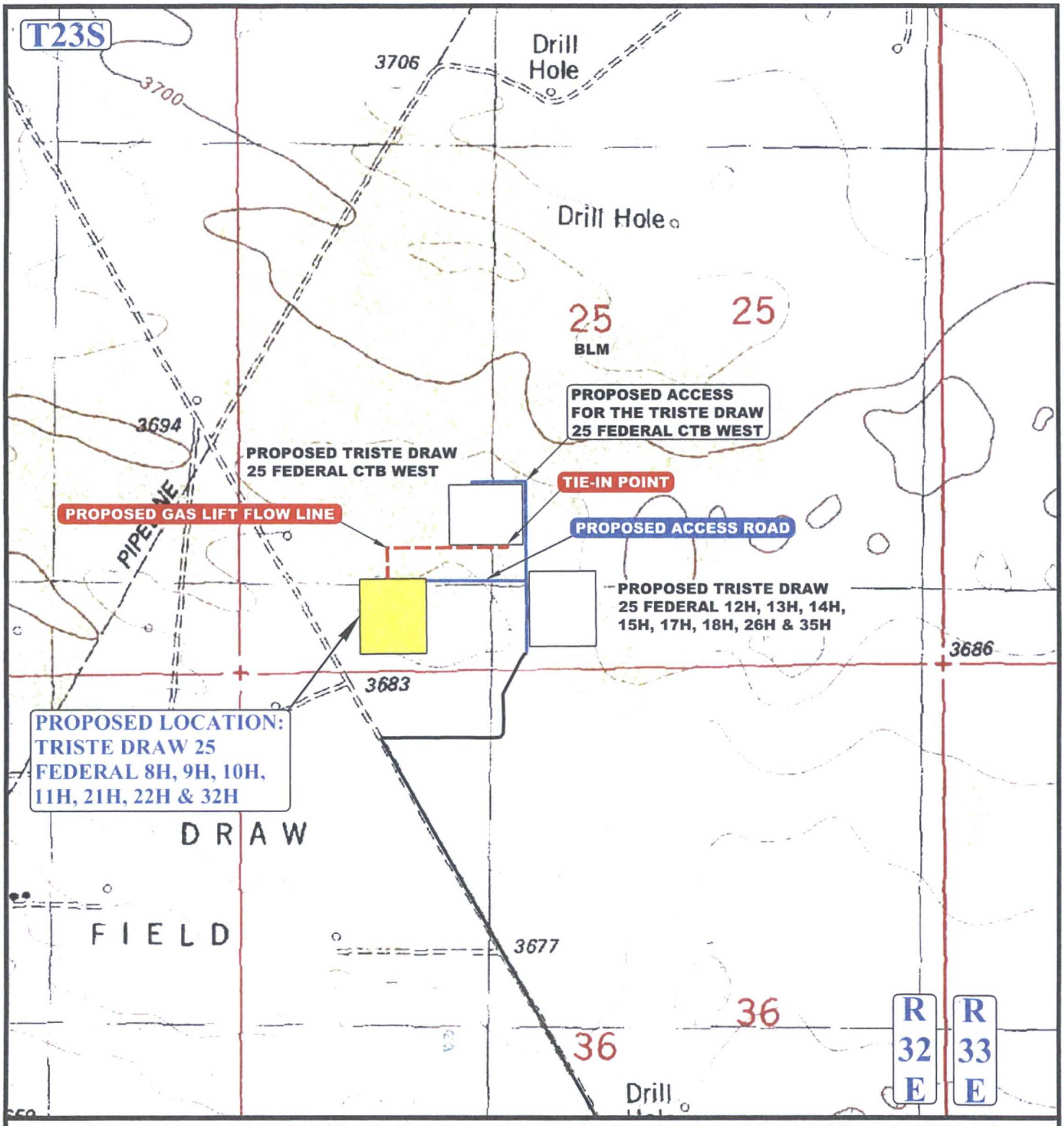
CIMAREX ENERGY CO.

TRISTE DRAW 25 FEDERAL 10H
SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

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

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	S.F.	02-28-17	N/A

PRODUCTION FLOW LINE R-O-W EXHIBIT G-1



APPROXIMATE TOTAL GAS LIFT FLOW LINE DISTANCE = 1,153' +/-

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 LIFT FLOW LINE

N

CIMAREX ENERGY CO.

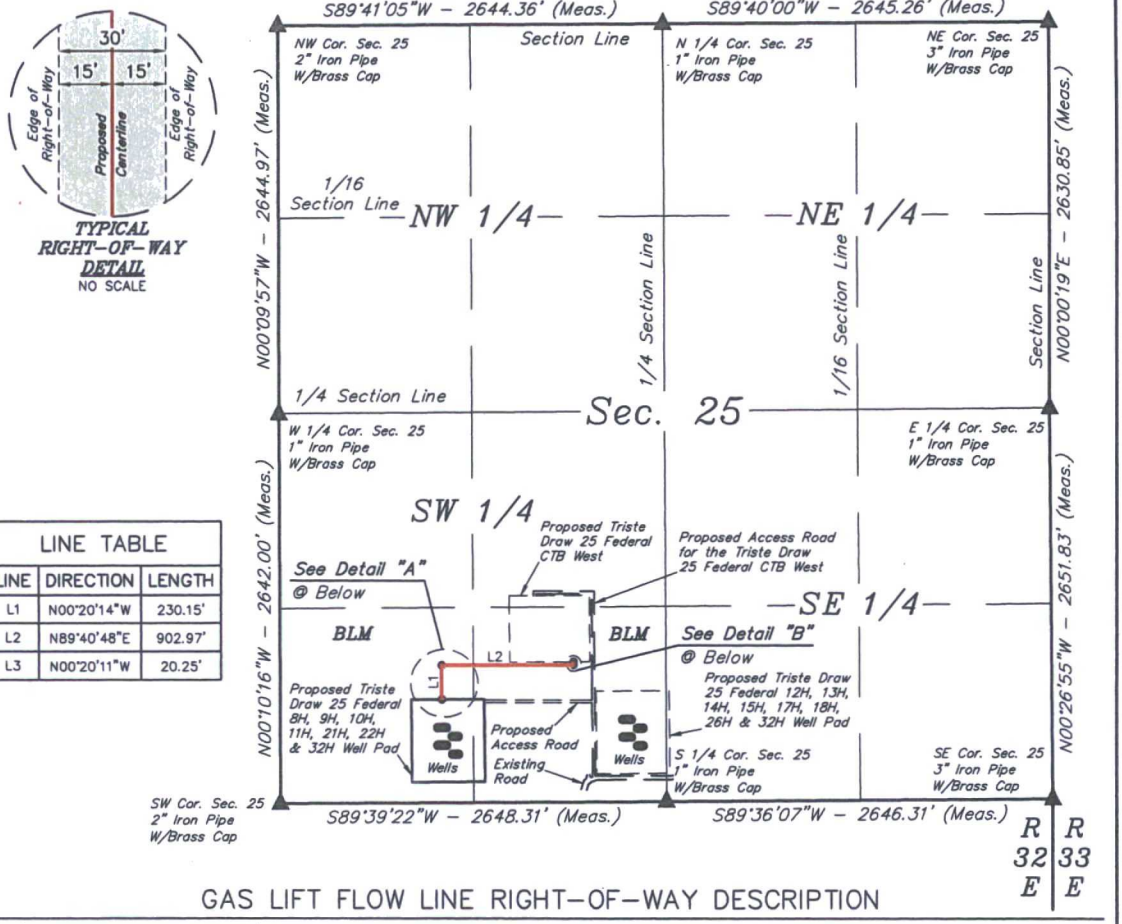
TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H
SW 1/4 SW 1/4, SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	T.E.	03-09-17	1 : 12,000

GAS LIFT FLOW LINE MAP | **EXHIBIT G-1**

UINTAH ENGINEERING & LAND SURVEYING

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



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°20'14"W	230.15'
L2	N89°40'48"E	902.97'
L3	N00°20'11"W	20.25'

GAS LIFT FLOW LINE RIGHT-OF-WAY DESCRIPTION

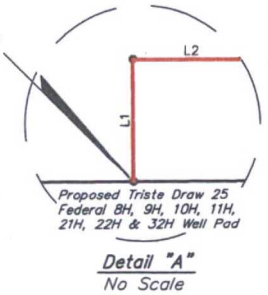
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 25, T23S, R32E, N.M.P.M., WHICH BEARS N57°27'24"E 1313.60' FROM THE SOUTHWEST CORNER OF SAID SECTION 25, THENCE N00°20'14"W 230.15'; THENCE N00°20'14"W 230.15'; THENCE N89°40'48"E 902.97'; THENCE N00°20'11"W 20.25' TO A POINT IN THE SE 1/4 SW 1/4 OF SAID SECTION 25, WHICH BEARS N34°03'04"W 1141.99' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 25. 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 0.794 ACRES MORE OR LESS.

BEGINNING OF PROPOSED GAS LIFT FLOW LINE RIGHT-OF-WAY
(At Edge of Proposed Triste Draw 25 Federal 8H, 9H, 10H, 11H, 21H, 22H & 32H Well Pad)

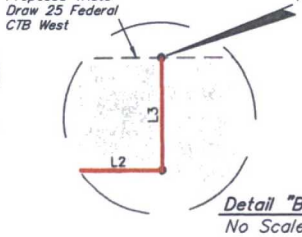
BEGINNING OF GAS LIFT FLOW LINE BEARS N57°27'24"E 1313.60' FROM THE SOUTHWEST CORNER OF SECTION 25, T23S, R32E, N.M.P.M.

END OF GAS LIFT FLOW LINE BEARS N34°03'04"W 1141.99' FROM THE SOUTH 1/4 CORNER OF SECTION 25, T23S, R32E, N.M.P.M.



Detail "A"
No Scale

END OF PROPOSED GAS LIFT FLOW LINE RIGHT-OF-WAY
(At Edge of Proposed Triste Draw 25 Federal CTB West)



Detail "B"
No Scale

1000' 500' 0' 1000'

ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 25 (SW 1/4)	BLM	1153.37	69.90	0.794

▲ = 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 IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STATE OF NEW MEXICO 23782 PROFESSIONAL SURVEYOR 03-13-17

FILE: 61471-A1

Sheet 1 of 2

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

N

CIMAREX ENERGY CO.

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H
SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	S.F.	02-28-17	1" = 1000'

GAS LIFT FLOW LINE R-O-W | **EXHIBIT G-1**

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H			
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
NW COR. SEC. 25, T23S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°16'58.67"	W 103°38'12.79"
N 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'58.75"	W 103°37'41.99"
NE COR. SEC. 25, T23S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°16'58.84"	W 103°37'11.18"
E 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'32.81"	W 103°37'11.26"
SE COR. SEC. 25, T23S, R32E	3" IRON PIPE WITH BRASS CAP	N 32°16'06.57"	W 103°37'11.09"
S 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'06.45"	W 103°37'41.91"
SW COR. SEC. 25, T23S, R32E	2" IRON PIPE WITH BRASS CAP	N 32°16'06.36"	W 103°38'12.75"
W 1/4 COR. SEC. 25, T23S, R32E	1" IRON PIPE WITH BRASS CAP	N 32°16'32.50"	W 103°38'12.77"

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H GAS LIFT FLOW LINE			
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°16'13.32"	W 103°37'59.83"
1	2+30.15	N 32°16'15.60"	W 103°37'59.84"
2	11+33.12	N 32°16'15.63"	W 103°37'49.33"
END	11+53.37	N 32°16'15.83"	W 103°37'49.33"

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.

STATE OF NEW MEXICO 23782 PROFESSIONAL SURVEYOR 03-13-17

FILE: 61471-A2

UINTAH ENGINEERING & LAND SURVEYING

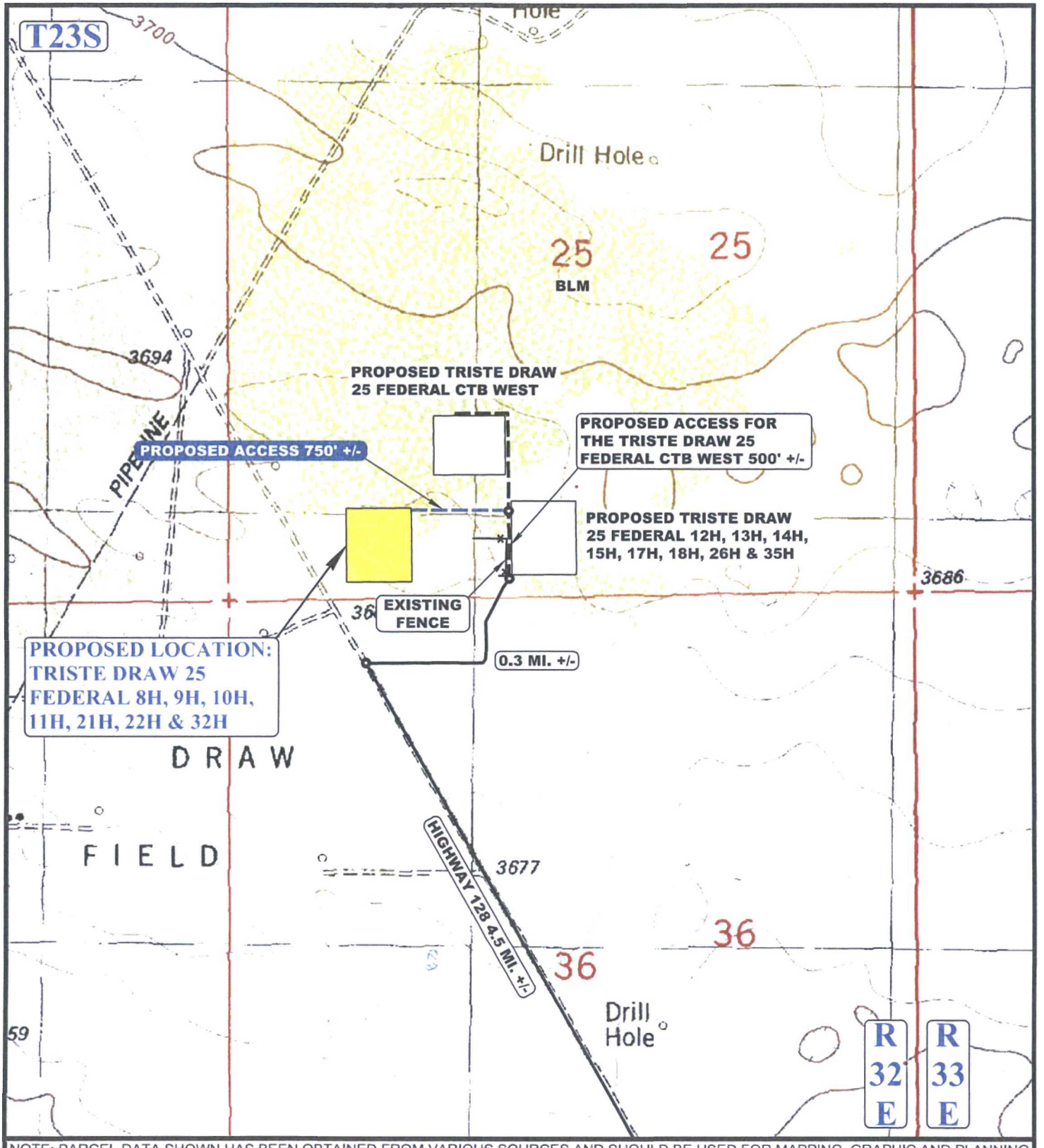
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

CIMAREX ENERGY CO.

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H
SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	S.F.	02-28-17	N/A

GAS LIFT FLOW LINE R-O-W **EXHIBIT G-1**



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
- EXISTING FENCE
- PROPOSED ROAD (SERVICING OTHER WELLS)

UINTAH ENGINEERING & LAND SURVEYING

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

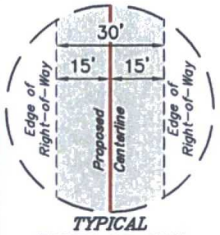
N

CIMAREX ENERGY CO.

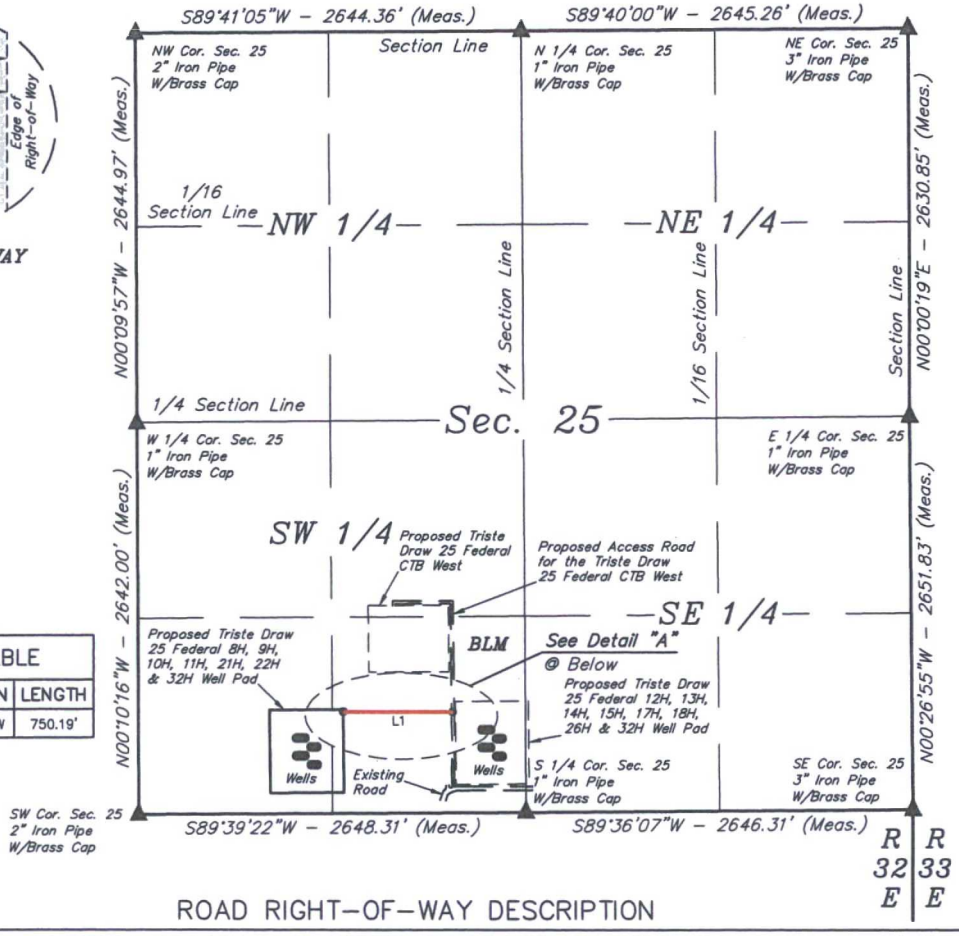
TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H
SW 1/4 SW 1/4, SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	T.E.	03-09-17	1 : 12,000

ACCESS ROAD MAP | **EXHIBIT C-1**



TYPICAL RIGHT-OF-WAY DETAIL
NO SCALE



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°59'55"W	750.19'

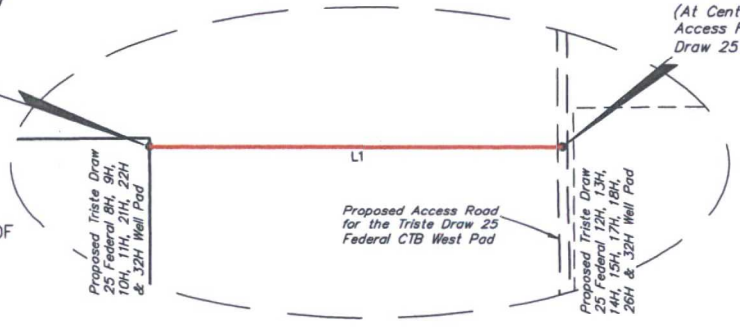
ROAD RIGHT-OF-WAY DESCRIPTION

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 25, T23S, R32E, N.M.P.M., WHICH BEARS N36°28'12"W 842.40' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 25, THENCE N89°59'55"W 750.19' TO A POINT IN THE SE 1/4 SW 1/4 OF SAID SECTION 25, WHICH BEARS N61°33'42"W 1422.58' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 25. 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 0.517 ACRES MORE OR LESS.

END OF PROPOSED ROAD RIGHT-OF-WAY
(At Edge of Proposed Triste Draw 25 Federal 8H, 9H, 10H, 11H, 21H, 22H & 32H Well Pad)

BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY
(At Centerline of Proposed Access Road for the Triste Draw 25 Federal CTB West)



Detail "A"
No Scale

BEGINNING OF ROAD BEARS N36°28'12"W 842.40' FROM THE SOUTH 1/4 CORNER OF SECTION 25, T23S, R32E, N.M.P.M.

END OF ROAD BEARS N61°33'42"W 1422.58' FROM THE SOUTH 1/4 CORNER OF SECTION 25, T23S, R32E, N.M.P.M.

1000' 500' 0' 1000'

ACREAGE / LENGTH TABLE				
	OWNERSHIP	FEET	RODS	ACRES
SEC. 25 (SW 1/4)	BLM	750.19	45.47	0.517

▲ = SECTION CORNERS LOCATED.

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STATE OF NEW MEXICO 23782 PROFESSIONAL SURVEYOR
03-13-17

FILE: 61470-A1

Sheet 1 of 2

NOTES:
- The maximum grade of existing ground for the proposed access road is ±1.3%.
- Basis of bearing is a G.P.S. observation (Vertical Control Datum: NAVD88)

N

CIMAREX ENERGY CO.

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H
SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	S.F.	02-28-17	1" = 1000'
ACCESS ROAD R-O-W			EXHIBIT C-2

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
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Vernal, UT 84078 * (435) 789-1017

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H			
SECTION CORNER	SECTION CORNER DESC.	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
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TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H ACCESS ROAD			
NUMBER	STATION	LATITUDE (NAD 83)	LONGITUDE (NAD 83)
BEGIN	0+00	N 32°16'13.17"	W 103°37'47.72"
END	7+50.19	N 32°16'13.19"	W 103°37'56.46"

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STATE OF NEW MEXICO 23782 PROFESSIONAL SURVEYOR 03-13-17

FILE: 6 1 4 7 0-A2

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
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Vernal, UT 84078 * (435) 789-1017

CIMAREX ENERGY CO.

TRISTE DRAW 25 FEDERAL 8H, 9H, 10H, 11H, 21H, 22H & 32H
SECTION 25, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	B.H., B.D.	02-21-17	SCALE
DRAWN BY	S.F.	02-28-17	N/A
ACCESS ROAD R-O-W			EXHIBIT C-2

Schlumberger

Cimarex Triste Draw 25 Federal Com #10H Rev2 RM 21Mar17 Proposal
Geodetic Report
(Non-Def Plan)

Report Date:	March 21, 2017 - 02:23 PM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Cimarex	**Vertical Section Azimuth:**	359.076 ° (Grid North)
Field:	NM Lea County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Cimarex Triste Draw 25 Federal Com #10H / Cimarex Triste Draw 25 Federal Com #10H	**TVD Reference Datum:**	RKB
Well:	Cimarex Triste Draw 25 Federal Com #10H	**TVD Reference Elevation:**	3699.900 ft above MSL
Borehole:	Orignal Borehole	**Seabed / Ground Elevation:**	3680.000 ft above MSL
UWI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.916 °
Survey Name:	Cimarex Triste Draw 25 Federal Com #10H Rev2 RM 21Mar17	**Total Gravity Field Strength:**	998.4378mgn (9.80665 Based)
Survey Date:	March 21, 2017	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	90.567 ° / 4447.965 ft / 5.766 / 0.471	**Total Magnetic Field Strength:**	48196.771 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	60.075 °
Location Lat / Long:	N 32° 16' 11.44498", W 103° 37' 59.71031"	**Declination Date:**	March 21, 2017
Location Grid N/E Y/X:	N 462608.740 ftUS, E 757718.430 ftUS	**Magnetic Declination Model:**	HDGM 2016
CRS Grid Convergence Angle:	0.3738 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99996271	**Grid Convergence Used:**	0.3738 °
Version / Patch:	2.10.254.0	**Total Corr Mag North->Grid North:**	6.5420 °
		Local Coord Referenced To:	Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL [510' FSL, 1120' FWL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	100.00	0.00	351.50	100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	200.00	0.00	351.50	200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	300.00	0.00	351.50	300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	400.00	0.00	351.50	400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	500.00	0.00	351.50	500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	600.00	0.00	351.50	600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	700.00	0.00	351.50	700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	800.00	0.00	351.50	800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	900.00	0.00	351.50	900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1000.00	0.00	351.50	1000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1100.00	0.00	351.50	1100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1200.00	0.00	351.50	1200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1300.00	0.00	351.50	1300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1400.00	0.00	351.50	1400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1500.00	0.00	351.50	1500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1600.00	0.00	351.50	1600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1700.00	0.00	351.50	1700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1800.00	0.00	351.50	1800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	1900.00	0.00	351.50	1900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2000.00	0.00	351.50	2000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2100.00	0.00	351.50	2100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2200.00	0.00	351.50	2200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2300.00	0.00	351.50	2300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2400.00	0.00	351.50	2400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2500.00	0.00	351.50	2500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	2600.00	0.00	351.50	2600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2700.00	0.00	351.50	2700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2800.00	0.00	351.50	2800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	2900.00	0.00	351.50	2900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3000.00	0.00	351.50	3000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3100.00	0.00	351.50	3100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3200.00	0.00	351.50	3200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3300.00	0.00	351.50	3300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3400.00	0.00	351.50	3400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3500.00	0.00	351.50	3500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3600.00	0.00	351.50	3600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3700.00	0.00	351.50	3700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3800.00	0.00	351.50	3800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	3900.00	0.00	351.50	3900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4000.00	0.00	351.50	4000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4100.00	0.00	351.50	4100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4200.00	0.00	351.50	4200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4300.00	0.00	351.50	4300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4400.00	0.00	351.50	4400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4500.00	0.00	351.50	4500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4600.00	0.00	351.50	4600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4700.00	0.00	351.50	4700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4800.00	0.00	351.50	4800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	4900.00	0.00	351.50	4900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5000.00	0.00	351.50	5000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5100.00	0.00	351.50	5100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5200.00	0.00	351.50	5200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5300.00	0.00	351.50	5300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5400.00	0.00	351.50	5400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5500.00	0.00	351.50	5500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5600.00	0.00	351.50	5600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5700.00	0.00	351.50	5700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5800.00	0.00	351.50	5800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	5900.00	0.00	351.50	5900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6000.00	0.00	351.50	6000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6100.00	0.00	351.50	6100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6200.00	0.00	351.50	6200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6300.00	0.00	351.50	6300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6400.00	0.00	351.50	6400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6500.00	0.00	351.50	6500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6600.00	0.00	351.50	6600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6700.00	0.00	351.50	6700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6800.00	0.00	351.50	6800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	6900.00	0.00	351.50	6900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7000.00	0.00	351.50	7000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7100.00	0.00	351.50	7100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7200.00	0.00	351.50	7200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7300.00	0.00	351.50	7300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7400.00	0.00	351.50	7400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7500.00	0.00	351.50	7500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7600.00	0.00	351.50	7600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7700.00	0.00	351.50	7700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7800.00	0.00	351.50	7800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	7900.00	0.00	351.50	7900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8000.00	0.00	351.50	8000.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8100.00	0.00	351.50	8100.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8200.00	0.00	351.50	8200.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8300.00	0.00	351.50	8300.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8400.00	0.00	351.50	8400.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	8500.00	0.00	351.50	8500.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8600.00	0.00	351.50	8600.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8700.00	0.00	351.50	8700.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	8800.00	0.00	351.50	8800.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
Bone Spring	*8830.00*	*0.00*	*351.50*	*8830.00*	*0.00*	*0.00*	*0.00*	*0.00*	*462608.74*	*757718.43*	*N 32 16 11.44*	*W 103 37 59.71*
	8900.00	0.00	351.50	8900.00	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
KOP - Build 12°/100' DLS	8970.57	0.00	351.50	8970.57	0.00	0.00	0.00	0.00	462608.74	757718.43	N 32 16 11.44	W 103 37 59.71
	9000.00	3.53	351.50	8999.98	0.90	0.90	-0.13	12.00	462609.64	757718.30	N 32 16 11.45	W 103 37 59.71
	9100.00	15.53	351.50	9098.42	17.28	17.24	-2.58	12.00	462625.98	757715.85	N 32 16 11.62	W 103 37 59.74
	9200.00	27.53	351.50	9191.27	53.60	53.48	-7.99	12.00	462662.21	757710.44	N 32 16 11.97	W 103 37 59.80
	9300.00	39.53	351.50	9274.48	108.26	108.01	-16.14	12.00	462716.74	757702.29	N 32 16 12.51	W 103 37 59.89
Build & Turn 12°/100' DLS	9345.57	45.00	351.50	9308.19	138.63	138.31	-20.67	12.00	462747.04	757697.76	N 32 16 12.81	W 103 37 59.94
	9400.00	51.42	353.14	9344.44	178.91	178.51	-26.06	12.00	462787.24	757692.37	N 32 16 13.21	W 103 38 0.00
	9500.00	63.25	355.52	9398.33	262.65	262.13	-34.24	12.00	462870.86	757684.19	N 32 16 14.04	W 103 38 0.09
	9600.00	75.11	357.44	9433.81	355.86	355.26	-39.91	12.00	462963.98	757678.52	N 32 16 14.96	W 103 38 0.15
	9700.00	86.99	359.16	9449.33	454.45	453.82	-42.80	12.00	463062.54	757675.63	N 32 16 15.94	W 103 38 0.17
Landing Point	9725.29	90.00	359.59	9450.00	479.73	479.10	-43.08	12.00	463087.82	757675.35	N 32 16 16.19	W 103 38 0.18
	9800.00	90.00	359.59	9450.00	554.44	553.80	-43.62	0.00	463162.52	757674.81	N 32 16 16.93	W 103 38 0.18
	9900.00	90.00	359.59	9450.00	654.43	653.80	-44.34	0.00	463262.52	757674.09	N 32 16 17.92	W 103 38 0.18
	10000.00	90.00	359.59	9450.00	754.43	753.80	-45.06	0.00	463362.51	757673.37	N 32 16 18.91	W 103 38 0.18
	10100.00	90.00	359.59	9450.00	854.42	853.80	-45.78	0.00	463462.50	757672.65	N 32 16 19.90	W 103 38 0.18
	10200.00	90.00	359.59	9450.00	954.42	953.79	-46.51	0.00	463562.50	757671.93	N 32 16 20.89	W 103 38 0.18
	10300.00	90.00	359.59	9450.00	1054.42	1053.79	-47.23	0.00	463662.49	757671.20	N 32 16 21.88	W 103 38 0.18
	10400.00	90.00	359.59	9450.00	1154.41	1153.79	-47.95	0.00	463762.48	757670.48	N 32 16 22.86	W 103 38 0.18
	10500.00	90.00	359.59	9450.00	1254.41	1253.79	-48.67	0.00	463862.48	757669.76	N 32 16 23.85	W 103 38 0.18
	10600.00	90.00	359.59	9450.00	1354.40	1353.78	-49.39	0.00	463962.47	757669.04	N 32 16 24.84	W 103 38 0.18
	10700.00	90.00	359.59	9450.00	1454.40	1453.78	-50.12	0.00	464062.46	757668.32	N 32 16 25.83	W 103 38 0.18
	10800.00	90.00	359.59	9450.00	1554.40	1553.78	-50.84	0.00	464162.46	757667.59	N 32 16 26.82	W 103 38 0.18
	10900.00	90.00	359.59	9450.00	1654.39	1653.78	-51.56	0.00	464262.45	757666.87	N 32 16 27.81	W 103 38 0.19
	11000.00	90.00	359.59	9450.00	1754.39	1753.77	-52.28	0.00	464362.44	757666.15	N 32 16 28.80	W 103 38 0.19
	11100.00	90.00	359.59	9450.00	1854.38	1853.77	-53.00	0.00	464462.44	757665.43	N 32 16 29.79	W 103 38 0.19
	11200.00	90.00	359.59	9450.00	1954.38	1953.77	-53.73	0.00	464562.43	757664.71	N 32 16 30.78	W 103 38 0.19
	11300.00	90.00	359.59	9450.00	2054.38	2053.76	-54.45	0.00	464662.42	757663.99	N 32 16 31.77	W 103 38 0.19
	11400.00	90.00	359.59	9450.00	2154.37	2153.76	-55.17	0.00	464762.42	757663.26	N 32 16 32.76	W 103 38 0.19
	11500.00	90.00	359.59	9450.00	2254.37	2253.76	-55.89	0.00	464862.41	757662.54	N 32 16 33.75	W 103 38 0.19
	11600.00	90.00	359.59	9450.00	2354.36	2353.76	-56.61	0.00	464962.40	757661.82	N 32 16 34.74	W 103 38 0.19
	11700.00	90.00	359.59	9450.00	2454.36	2453.75	-57.33	0.00	465062.40	757661.10	N 32 16 35.73	W 103 38 0.19
	11800.00	90.00	359.59	9450.00	2554.36	2553.75	-58.06	0.00	465162.39	757660.38	N 32 16 36.72	W 103 38 0.19
	11900.00	90.00	359.59	9450.00	2654.35	2653.75	-58.78	0.00	465262.38	757659.65	N 32 16 37.71	W 103 38 0.19
	12000.00	90.00	359.59	9450.00	2754.35	2753.75	-59.50	0.00	465362.38	757658.93	N 32 16 38.70	W 103 38 0.19
	12100.00	90.00	359.59	9450.00	2854.34	2853.74	-60.22	0.00	465462.37	757658.21	N 32 16 39.69	W 103 38 0.19
	12200.00	90.00	359.59	9450.00	2954.34	2953.74	-60.94	0.00	465562.37	757657.49	N 32 16 40.68	W 103 38 0.20
	12300.00	90.00	359.59	9450.00	3054.34	3053.74	-61.67	0.00	465662.36	757656.77	N 32 16 41.67	W 103 38 0.20
	12400.00	90.00	359.59	9450.00	3154.33	3153.74	-62.39	0.00	465762.35	757656.04	N 32 16 42.65	W 103 38 0.20
	12500.00	90.00	359.59	9450.00	3254.33	3253.73	-63.11	0.00	465862.35	757655.32	N 32 16 43.64	W 103 38 0.20
	12600.00	90.00	359.59	9450.00	3354.32	3353.73	-63.83	0.00	465962.34	757654.60	N 32 16 44.63	W 103 38 0.20
	12700.00	90.00	359.59	9450.00	3454.32	3453.73	-64.55	0.00	466062.33	757653.88	N 32 16 45.62	W 103 38 0.20
	12800.00	90.00	359.59	9450.00	3554.32	3553.73	-65.28	0.00	466162.33	757653.16	N 32 16 46.61	W 103 38 0.20
	12900.00	90.00	359.59	9450.00	3654.31	3653.72	-66.00	0.00	466262.32	757652.43	N 32 16 47.60	W 103 38 0.20
	13000.00	90.00	359.59	9450.00	3754.31	3753.72	-66.72	0.00	466362.31	757651.71	N 32 16 48.59	W 103 38 0.20
	13100.00	90.00	359.59	9450.00	3854.30	3853.72	-67.44	0.00	466462.31	757650.99	N 32 16 49.58	W 103 38 0.20
	13200.00	90.00	359.59	9450.00	3954.30	3953.72	-68.16	0.00	466562.30	757650.27	N 32 16 50.57	W 103 38 0.20
	13300.00	90.00	359.59	9450.00	4054.30	4053.71	-68.89	0.00	466662.29	757649.55	N 32 16 51.56	W 103 38 0.20
	13400.00	90.00	359.59	9450.00	4154.29	4153.71	-69.61	0.00	466762.29	757648.83	N 32 16 52.55	W 103 38 0.21
	13500.00	90.00	359.59	9450.00	4254.29	4253.71	-70.33	0.00	466862.28	757648.10	N 32 16 53.54	W 103 38 0.21
	13600.00	90.00	359.59	9450.00	4354.28	4353.70	-71.05	0.00	466962.27	757647.38	N 32 16 54.53	W 103 38 0.21

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Cimarex Triste Draw 25 Federal Com #10H - PBHL [330' FNL, 1080' FWL]	13691.63	90.00	359.59	9450.00	4445.91	4445.33	-71.71	0.00	467053.90	757646.72	N 32 16 55.44	W 103 38 0.21

Survey Type: Non-Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	19.900	1/100.000	30.000	30.000		SLB_UNKNOWN-Depth Only	Orignal Borehole / Cimarex Triste Draw 25 Federal Com #10H
	1	19.900	13691.632	1/100.000	30.000	30.000		SLB_UNKNOWN	Orignal Borehole / Cimarex Triste Draw 25 Federal Com #10H

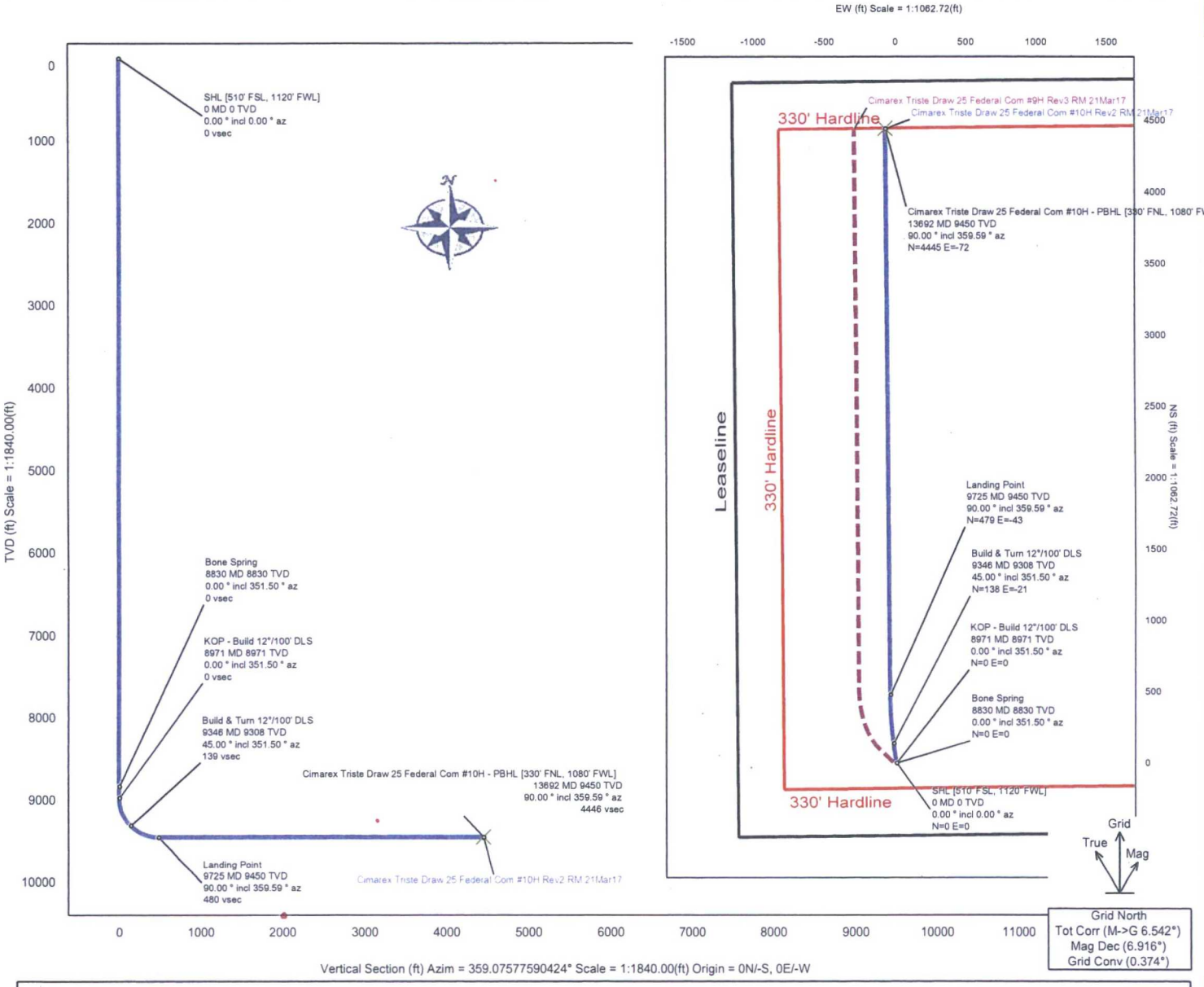
Schlumberger

Cimarex Rev 2

CIMAREX

Borehole:	Well:	Field:	Structure:
Orignal Borehole	Cimarex Triste Draw 25 Federal Com # 10H	NM Lea County (NAD 83)	Cimarex Triste Draw 25 Federal Com # 10H

Gravity & Magnetic Parameters						Surface Location	NAD83 New Mexico State Plane, Eastern Zone, US Feet					Miscellaneous			
Model:	HDGM 2016	Dip:	60.075°	Date:	21-Mar-2017	Lat:	N 32 16 11.44	Northing:	462608.74ftUS	Grid Conv:	0.3738°	Slot:	Cimarex Triste Draw 25 Federal Com #10H	TVD Ref:	RKB(3699.9ft above MSL)
MagDec:	6.916°	FS:	48196.771nT	Gravity FS:	998.438mgn (9.80665 Based)	Lon:	W 103 37 59.71	Easting:	757718.43ftUS	Scale Fact:	0.99996271	Plan:	Cimarex Triste Draw 25 Federal Com #10H Rev2 RM 21Mar17		



Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
SHL [510' FSL, 1120' FWL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bone Spring	8830.00	0.00	351.50	8830.00	0.00	0.00	0.00	0.00
KOP - Build 12°/100' DLS	8970.57	0.00	351.50	8970.57	0.00	0.00	0.00	0.00
Build & Turn 12°/100' DLS	9345.57	45.00	351.50	9308.19	138.63	138.31	-20.67	12.00
Landing Point	9725.29	90.00	359.59	9450.00	479.73	479.10	-43.08	12.00
Cimarex Triste Draw 25 Federal Com #10H - PBHL [330' FNL, 1080' FWL]	13691.63	90.00	359.59	9450.00	4445.91	4445.33	-71.71	0.00

BLM LEASE NUMBER: NMNM86154
COMPANY NAME: Cimarex Energy Company
ASSOCIATED WELL NAME: Triste Draw 25 Fed Com 8H and 10H
NEPA Number: DOI-BLM-NM-P020-2017-0542-EA

BURIED PIPELINE STIPULATIONS

A copy of the application (Grant, APD, or Sundry Notice) and attachments, including conditions of approval, survey plat and/or map, will be on location during construction. BLM personnel may request to you a copy of your permit during construction to ensure compliance with all stipulations.

Holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer:

1. The Holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant.

2. The Holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 et seq. (1982) with regards to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized under this right-of-way grant. (See 40 CFR Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.

3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et seq. or the Resource Conservation and Recovery Act, 42 U.S.C.6901, et seq.) on the Right-of-Way (unless the release or threatened release is wholly unrelated to the Right-of-Way holder's activity on the Right-of-Way), or resulting from the activity of the Right-of-Way holder on the Right-of-Way. This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.

4. If, during any phase of the construction, operation, maintenance, or termination of the pipeline, any oil or other pollutant should be discharged from the pipeline system, impacting Federal lands, the control and total removal, disposal, and cleaning up of such oil or other pollutant, wherever found, shall be the responsibility of holder, regardless of fault. Upon failure of holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages resulting therefrom, on the Federal lands, the Authorized Officer may take such measures as he deems necessary to control and clean up the discharge and restore the area, including where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve holder of any responsibility as provided herein.

5. All construction and maintenance activity will be confined to the authorized right-of-way.

6. The pipeline will be buried with a minimum cover of 36 inches between the top of the pipe and ground level.

7. The maximum allowable disturbance for construction in this right-of-way will be 30 feet:

- Blading of vegetation within the right-of-way will be allowed: maximum width of blading operations will not exceed 20 feet. The trench is included in this area. (*Blading is defined as the complete removal of brush and ground vegetation.*)

- Clearing of brush species within the right-of-way will be allowed: maximum width of clearing operations will not exceed 30 feet. The trench and bladed area are included in this area. (*Clearing is defined as the removal of brush while leaving ground vegetation (grasses, weeds, etc.) intact. Clearing is best accomplished by holding the blade 4 to 6 inches above the ground surface.*)

- The remaining area of the right-of-way (if any) shall only be disturbed by compressing the vegetation. (*Compressing can be caused by vehicle tires, placement of equipment, etc.*)

8. The holder shall stockpile an adequate amount of topsoil where blading is allowed. The topsoil to be stripped is approximately 6 inches in depth. The topsoil will be segregated from other spoil piles from trench construction. The topsoil will be evenly distributed over the bladed area for the preparation of seeding.

9. The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence. No permanent gates will be allowed unless approved by the Authorized Officer.

10. Vegetation, soil, and rocks left as a result of construction or maintenance activity will be randomly scattered on this right-of-way and will not be left in rows, piles, or berms, unless otherwise approved by the Authorized Officer. The entire right-of-way shall be recontoured to match the surrounding landscape. The backfilled soil shall be compacted and a 6 inch berm will be left over the ditch line to allow for settling back to grade.

11. In those areas where erosion control structures are required to stabilize soil conditions, the holder will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.

12. The holder will reseed all disturbed areas. Seeding will be done according to the attached seeding requirements, using the following seed mix.

( ) seed mixture 1
( ) seed mixture 2
(X) seed mixture 2/LPC
( ) seed mixture 3
( ) seed mixture 4
( ) Aplomado Falcon Mixture

13. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be color which simulates "Standard Environmental Colors" – **Shale Green**, Munsell Soil Color No. 5Y 4/2.

14. The pipeline will be identified by signs at the point of origin and completion of the right-of-way and at all road crossings. At a minimum, signs will state the holder's name, BLM serial number, and the product being transported. All signs and information thereon will be posted in a permanent, conspicuous manner, and will be maintained in a legible condition for the life of the pipeline.

15. The holder shall not use the pipeline route as a road for purposes other than routine maintenance as determined necessary by the Authorized Officer in consultation with the holder before maintenance begins. The holder will take whatever steps are necessary to ensure that the pipeline route is not used as a roadway. As determined necessary during the life of the pipeline, the Authorized Officer may ask the holder to construct temporary deterrence structures.

16. Any cultural and/or paleontological resources (historic or prehistoric site or object) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

17. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes associated roads, pipeline corridor and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

18. Escape Ramps - The operator will construct and maintain pipeline/utility trenches that are not otherwise fenced, screened, or netted to prevent livestock, wildlife, and humans from becoming entrapped. At a minimum, the operator will construct and maintain escape ramps, ladders, or other methods of avian and terrestrial wildlife escape in the trenches according to the following criteria:

a. Any trench left open for eight (8) hours or less is not required to have escape ramps; however, before the trench is backfilled, the contractor/operator shall inspect the trench for wildlife, remove all trapped wildlife, and release them at least 100 yards from the trench.
b. For trenches left open for eight (8) hours or more, earthen escape ramps (built at no more than a 30 degree slope and spaced no more than 500 feet apart) shall be placed in the trench.

The 3:00 am to 9:00 am restriction will not apply to normal around-the-clock operations, such as venting, flaring, or pumping which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 dB measured at 30 ft. from the source of the noise.

Ground-level Abandoned Well Marker to avoid raptor perching

Upon the plugging and subsequent abandonment of the well bore, the well marker will be installed at ground level on a plate containing the pertinent information for the plugged well. For more information details, contact the Carlsbad Field Office at 575-234-5972.

BLM LEASE NUMBER: NMNM86154
COMPANY NAME: Cimarex Energy Company
ASSOCIATED WELL NAME: Triste Draw 25 Fed Com 8H and 10H
NEPA Number: DOI-BLM-NM-P020-2017-0542-EA

Conditions of Approval for Lesser Prairie Chicken:

Timing Limitation Stipulation/Condition of Approval for Lesser Prairie-Chicken:
Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.