

APR 26 2013

Surface Use Plan
 Triste Draw 30 Federal 14
 Cimarex Energy Co. of Colorado
 Unit M, Section 30
 T23S-R33E; Lea County, NM

30-025-41174

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1. Existing Roads: Area maps, Exhibit "A" shows the proposed well site as staked. Exhibit "B" is a reproduction of Lea Co. General Highway Map. Exhibit "C" is a reproduction of a USGS Topographic Map, and Exhibit "C-1" is a well site layout map, showing proposed road to location and existing road. Existing road shown on Exhibits "C," "C-1," will be maintained in a condition equal to or better than current conditions.
 - A. The maximum width of the driving surface will be 15.' The road will be crowned and ditched with a 2% slope from the tip of the crown to the edge of the driving surface. The ditches will be 1' deep with 3:1 slopes. The driving surface will be made of 6" rolled and compacted caliche.
 - B. From Hwy 128 and lease road go northwest on lease road 4.5 miles to lease road, on lease road go east 0.2 miles to proposed lease road.
2. Planned Access Roads: No new access road to be built for this location. New road built to #2 well in SESW will provide access to #1 well. Area not in MOA, archeological survey has been requested. ROW to be obtained for offlease portion of road.
3. Planned E-Line: Cimarex plans to install an overhead electric line from the proposed well to an existing overhead electric line at the Triste Draw 25 Fed #1 battery. The proposed electric line would be approximately 1320' in length, 4 - 40' poles, 480 volt, 4 wire, 3 phase. The electric line would exit off the east side of the well location and travel east for approximately 1320' along the access road until it would intercept the existing electric line. The electric line will be routed on the south side of the access road and 10-20' from and parallel to the access road.
4. Location of Existing Wells in a One-Mile Radius - Exhibit A

A. Water wells -	None known
B. Disposal wells -	None known
C. Drilling wells -	None known
D. Producing wells -	As shown on Exhibits "A"
E. Abandoned wells -	As shown on Exhibits "A"
5. Location of Proposed Production Facilities:
 If on completion this well is a producer, a tank battery will be used and the necessary production equipment will be installed at the Triste Draw 25 Federal 1 wellsite. Any changes to the facilities or off-site facilities will be accompanied by a sundry notice. Two (2) 4" buried HP poly lines down existing lease road to carry oil, gas, water to the Triste Draw 25 #1 tank battery approximately 1320' to West. The route of the flowlines will be buried 25' to 35' South of the access road. MAOP 1500 psi anticipated working pressure 200-300 psi. Gas lift will be provided by HP poly line buried in the same trench along access road. Allocation will be based on well test.
6. Location and Type of Water Supply:
 Water will be purchased locally from a commercial source and trucked over the access roads.
7. Source of Construction Material:
 If possible, native caliche will be obtained from the excavation of drill site. Topsoil will be pushed back from the drill site and existing caliche will be ripped and compacted. Then topsoil will be stockpiled on location as depicted on Exhibit "D" (rig layout). If additional material is needed, it will be purchased from a BLM-approved pit as near as possible to the well

MAY 20 2013

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8. Ancillary Facilities:

- A. No camps or airstrips to be constructed.

9. Well Site Layout:

- A. Exhibit "D" shows location and rig layout.
- C. Mud pits in the closed circulating system will be steel pits and the cuttings will be stored in steel containment pits.
- D. Cuttings will be stored in steel pits until they are hauled to a state-approved disposal facility.
- E. If the well is a producer, those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

10. Plans for Restoration of Surface:

Rehabilitation of the location will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be recountoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, those areas of the location not essential to production facilities and operations will be reclaimed and seeded per BLM requirements. Please see Production Facilities Layout Diagram, exhibit D-1.

11. Other Information

- A. Topography consists of a sloping plane with loose tan sands. Vegetation is mainly yucca, mesquite and shin oak.
- B. The wellsite is on surface owned by Department of the Interior, Bureau of Land Management. The land is used mainly for farming, cattle ranching, recreational use, and oil and gas production.
- C. In lieu of an archaeological survey report, Cimarex will be submitting an MOA application for this well pad and access road since they are within the MOA boundary.
- D. There are no known dwellings within 1½ miles of this location.

Operator Certification Statement
Triste Draw 30 Federal 1
Cimarex Energy Co. of Colorado
Unit M, Section 30
T23S-R33E; Lea County, NM

Operator's Representative

Cimarex Energy Co. of Colorado
600 N. Marienfeld St., Ste. 600
Midland, TX 79701
Office Phone: (432) 571-7800
Zeno Farris

CERTIFICATION: I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 24th day of August, 2012

NAME: 
Tracie J. Cherry

TITLE: Sr. Regulatory Analyst

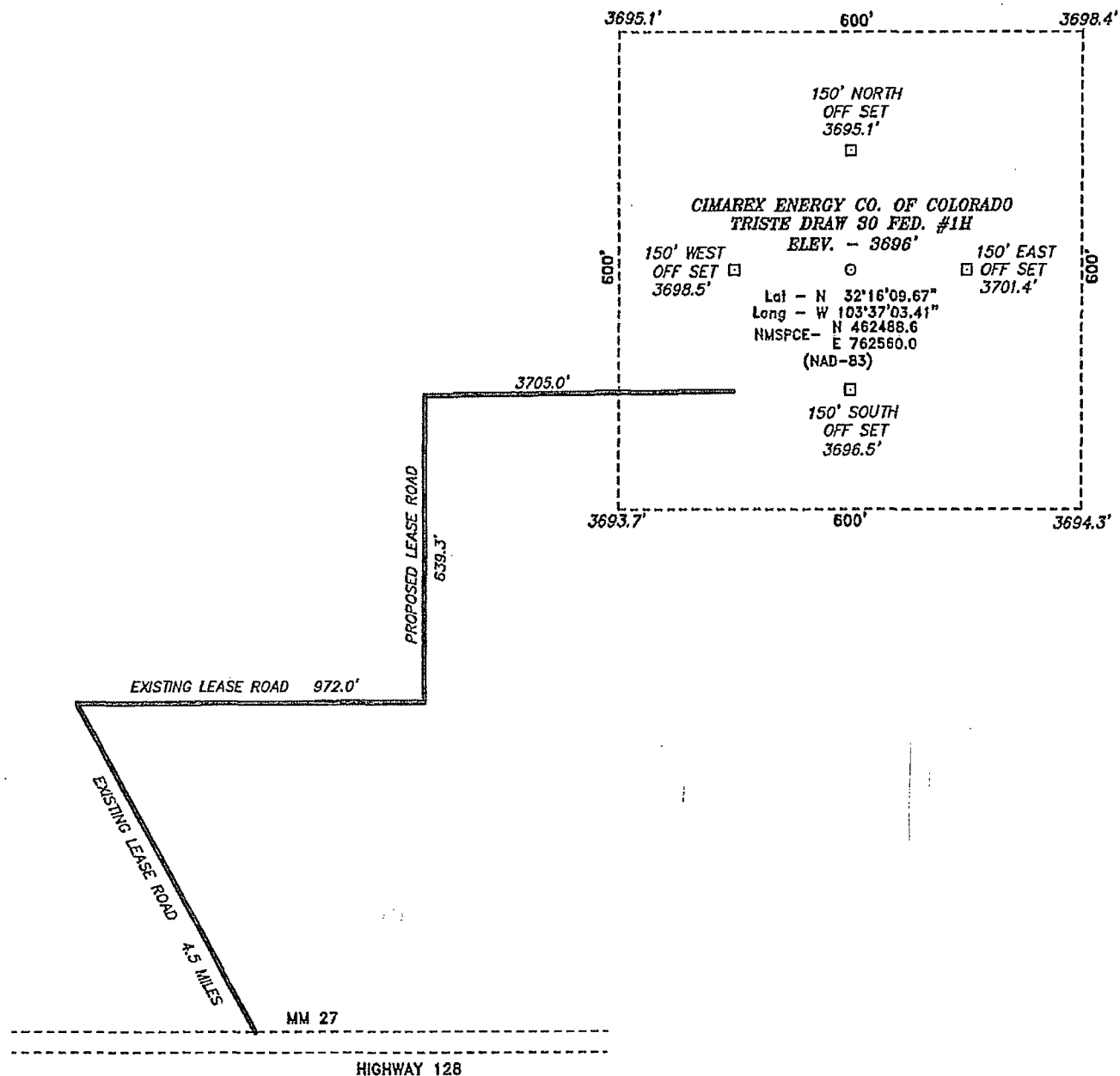
ADDRESS: 600 N. Marienfeld St., Ste. 600
Midland, TX 79701

TELEPHONE: (432) 620-1959

EMAIL: tcherry@cimarex.com

Field Representative: Same as above

SECTION 30, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF STATE 128 AND LEASE
ROAD, GO NORTHWEST ON LEASE ROAD 4.5 MILES
TO TO LEASE ROAD, ON ON LEASE ROAD GO EAST
0.2 MILES TO PROPOSED LEASE ROAD.

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

W.O. Number: 25888

Drawn By: J. GOAD

Date: 1-18-2012

Disk: JG - 25888WELL

CIMAREX ENERGY CO. OF COLORADO

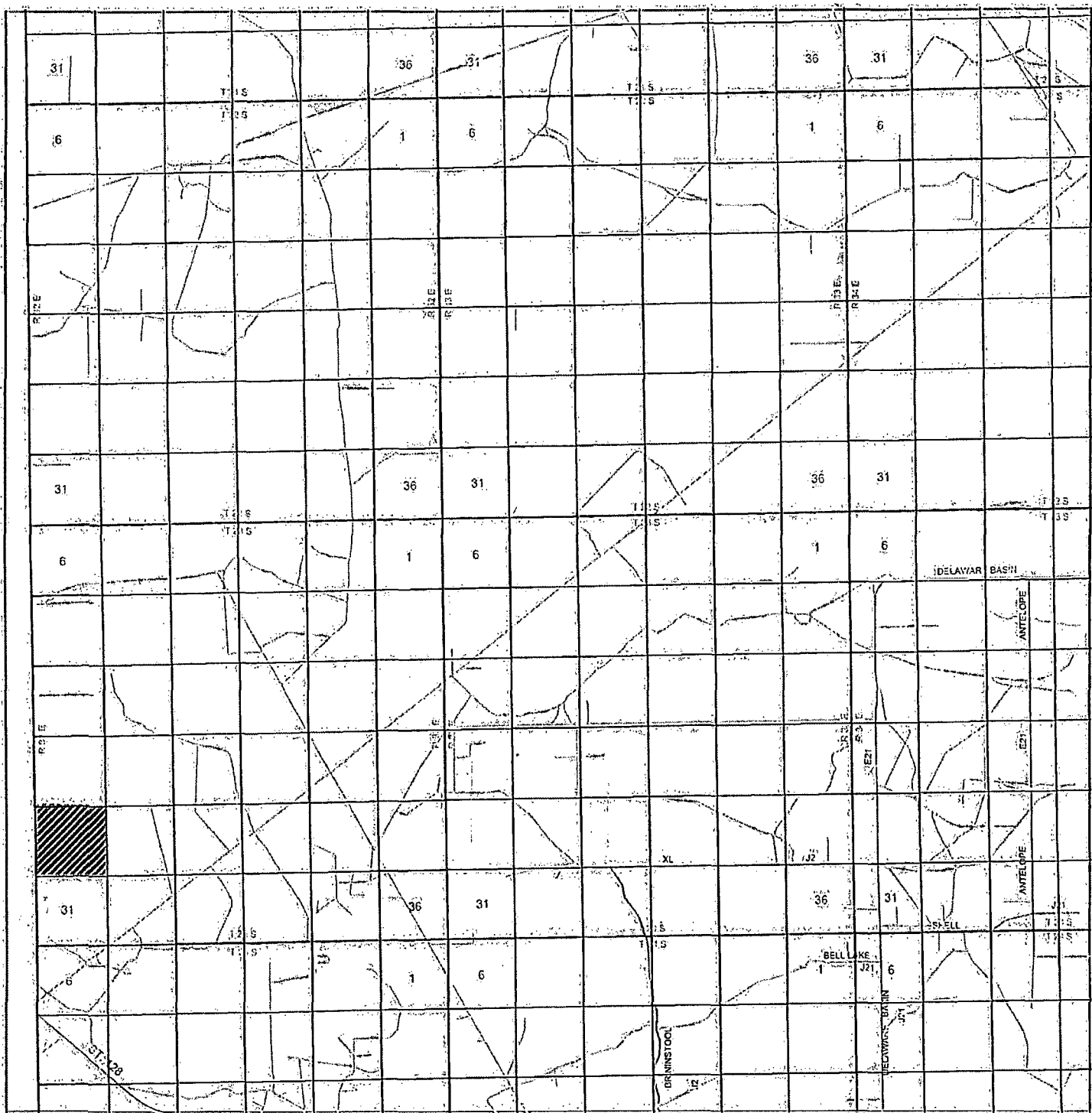
REF: TRISTE DRAW 30 FEDERAL NO. 1

THE TRISTE DRAW 30 #1 LOCATED 330'

FROM THE SOUTH LINE AND 660' FROM THE WEST LINE OF
SECTION 30, TOWNSHIP 23 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 1-17-2012

Sheet 1 of 1 Sheets



TRISTE DRAW 30 FEDERAL #1
 Located 330' FSL and 660' FWL
 Section 30, Township 23 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.

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 (575) 392-2206 - Fax
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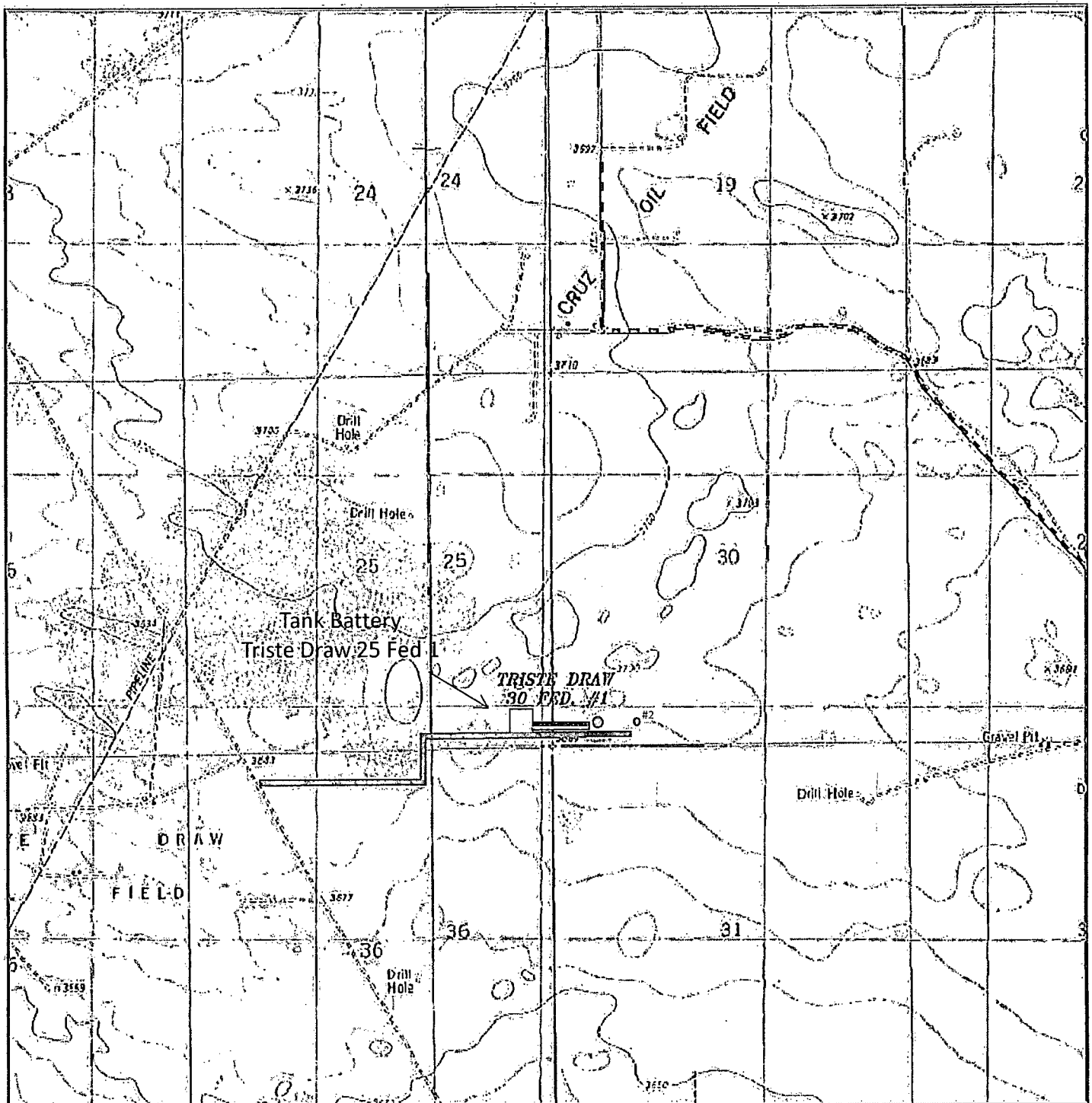
W.O. Number: JG 25888

Survey Date: 1-17-2012

Scale: 1" = 2 Miles

Date: 1-18-2012

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ENERGY CO.
OF COLORADO



TRISTE DRAW 30 FED. #1

Located 330' FSL and 660' FWL

Section 30, Township 23 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.

- ☐ Tank Battery
- Flow line
- E-line

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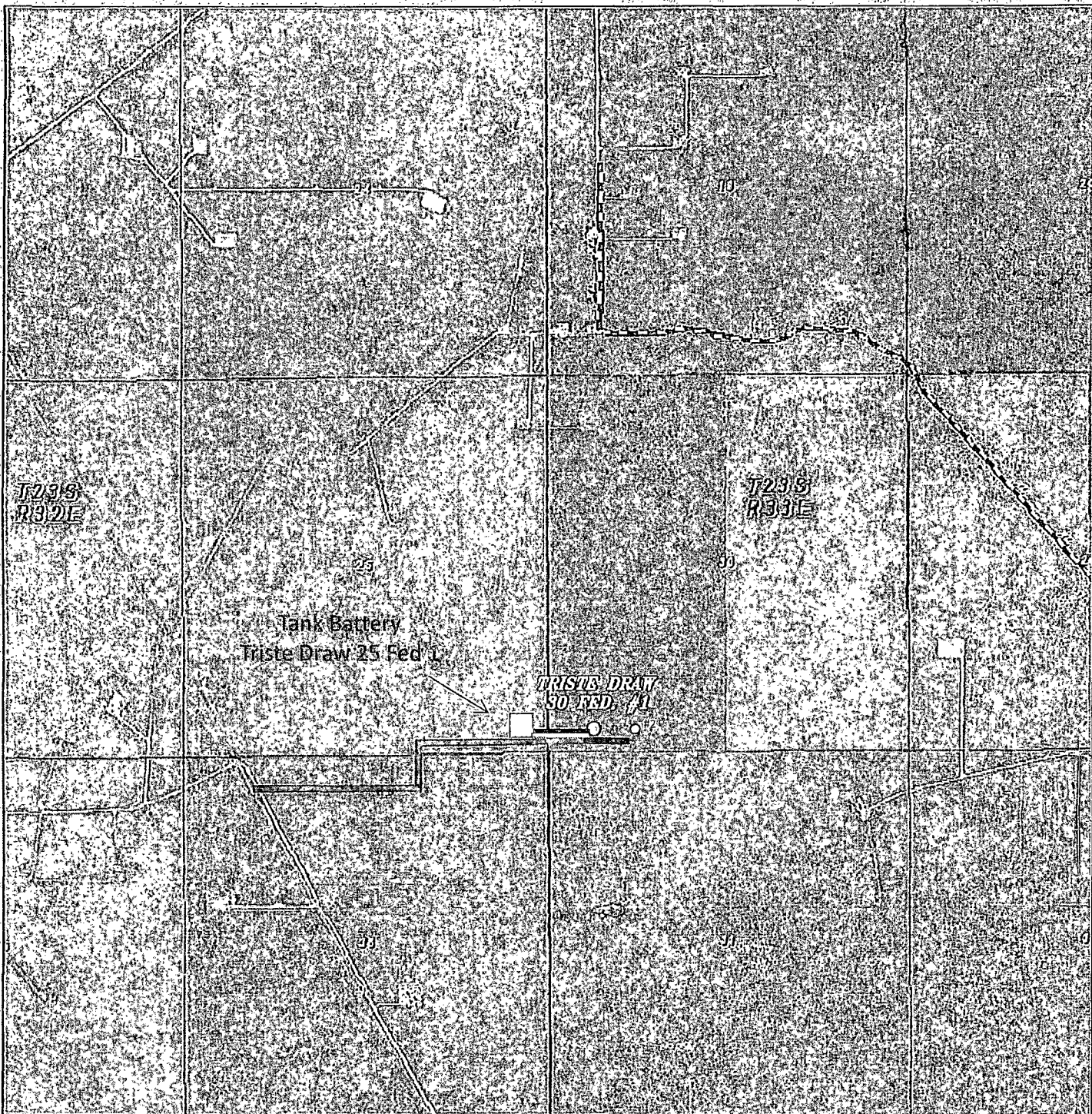
W.O. Number: JG 25888

Survey Date: 1-17-2012

Scale: 1" = 2000'

Date: 1-18-2012

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OF COLORADO



TRISTE DRAW 30 FED. #1
 Located 330' FSL and 660' FWL
 Section 30, Township 23 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.

 Tank Battery
 Flowline
 E-line

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Scale: 1" = 2000'

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND

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OF COLORADO

Triste Draw 25 Fed and 30 Fed General Highway Map



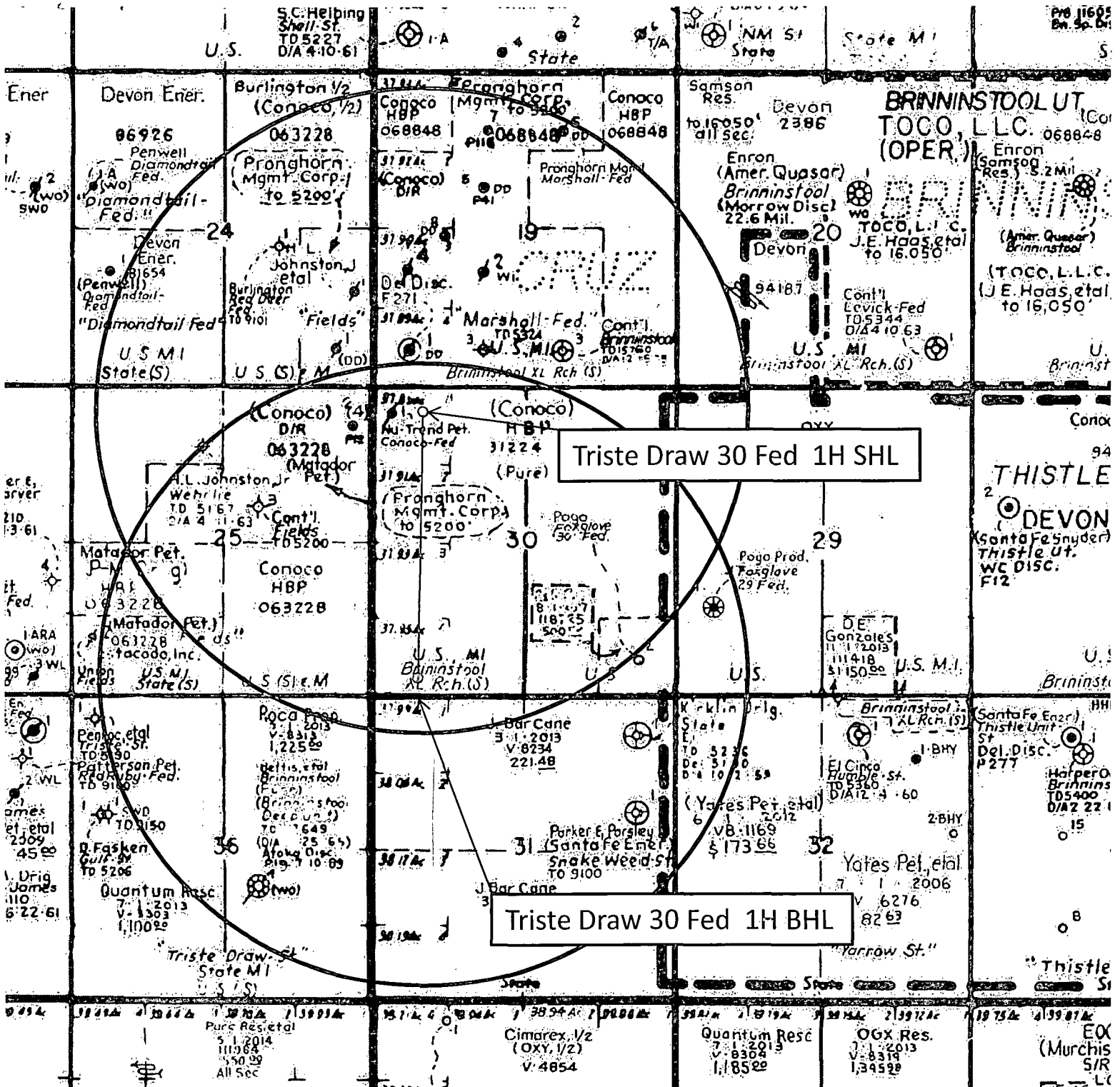
E-Line Flowline Route
Triste Draw 30 Federal 1H
Cimarex Energy Co.
30-23S-33E
SHL 330 FSL & 660 FWL
BHL 330 FNL & 660 FWL
Lea County, NM

Tank Battery
Triste Draw 25 Fed 1

**TRISTE DRAW
30 FED. #1**

1320' E-line &
flowline

Existing access
road



Application to Drill
Triste Draw 30 Federal 1
 Cimarex Energy Co. of Colorado
 Unit M, Section 30
 T23S-R33E; Lea County, NM

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

- 1 Location: SHL 330 FSL & 660 FWL
 BHL 330 FNL & 660 FWL
- 2 Elevation above sea level: 3696 GR
- 3 Geologic name of surface formation: Quaternary Alluvium Deposits
- 4 Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.
- 5 Proposed drilling depth: MD 15517 TVD 11150
- 6 Estimated tops of geological markers:

Groundwater per OSE	475	Basal Brushy Canyon	8625	Hydrocarbons
Rustler	1220	Bone Spring	8850	Hydrocarbons
T. Salt	1440	Avalon Shale	9300	Hydrocarbons
Castille	3450	1st Bone Spring	10050	Hydrocarbons
B. Salt	4780	2nd Bone Spring	10675	Hydrocarbons
Lamar	5050	3rd Bone Spring	11250	
Bell Canyon	5150	Hydrocarbons		
Cherry Canyon	6000	Hydrocarbons		
Brushy Canyon	7400	Hydrocarbons		

- 7 Possible mineral bearing formation:
 Shown above

- 8 Proposed Mud Circulating System:

Depth	Mud Wt	Visc	Fluid Loss	Type Mud
0' to 1250'	8.4 - 8.6	28	NC	FW
1250' to 4900'	10.0	30-32	NC	Brine water
4900' to 15517'	8.4	30-32	NC	2% KCL

See
COA

Sufficient mud materials will be kept on location at all times in order to combat lost circulation or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs.

Proposed Drilling Plan

After setting surface and intermediate casing, drill 7-7/8 or 8-3/4" hole to 10623'. Kick off curve at 10623' and drill 7-7/8 or 8-3/4" lateral to TD @ 15517' MD, 11150 TVD. Run 5½" 17# P-110 BTC from 10800'-15517' and 5-1/2" 17# P-110 LTC from 0'-10800' and cement.