

30-005-29151 HOBBS OCD

APR 09 2013

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Surface Use Plan
Independence 8 Federal Com #1
Cimarex Energy Co.
UL: B, Sec. 8, 15S, 31E
Chaves Co., NM

1. **Existing Roads:** Area maps, Exhibit "A" shows the proposed well site as staked. Exhibit "B" is a reproduction of Eddy 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 mile marker 30 of Hwy 249, go North on lease road for 1.8 miles to proposed location.

2. **Planned Access Roads:** No new access road.

3. **Planned Electric Line:** Approximately 1700' of 480 volt, 4 wire, 3 phase, 4 spans of 40' poles, raptor spec E-line will be constructed to connect to existing e-line along access road to the Independence 8 Federal Com #2 battery. The route of the E-line is shown on Exhibit G and will be constructed 10' to 20' South of 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, the tank battery at the Independence 8 Federal Com #2 wellsite will be used and the necessary production equipment will be installed. Plan #1: Construct & install two 4" buried HP poly lines, approximately 1700' each, down existing lease road to carry oil, gas, & water to the Independence 8 Federal Com #2 battery. Gas lift will be provided by HP poly line buried in the same trench along access road, approximately 1700', to the Independence 8 Federal Com #2 battery.

Plan #2: Construct & install one 4" surface HP poly lines, approximately 1700', down existing lease road to carry oil, gas, & water to the Independence 8 Federal Com #2 battery. Allocation will be based on well test. MAOP 1500 psi anticipated working pressure 200-300 psi. The route of the flowlines are shown on Exhibit G and will be surface or buried flowlines 25' to 35' South of the access road. Any changes to the facility or off site facilities will be accompanied by a sundry notice.

5. **Location and Type of Water Supply:**

Water will be purchased locally from a commercial source and trucked over the access roads.

6. **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 location.

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7. Ancillary Facilities:

- A. No camps or airstrips to be constructed.

8. Well Site Layout:

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

9. 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 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

10 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.

11. On Site Notes and Information:

Onsite performed in 2009. No information available. However, Cimarex had an approved APD for this SHL which has since expired. Original APD API: 30005-29151

Operator Certification Statement

Independence 8 Federal Com #1

Cimarex Energy Co.

UL: B, Sec. 8, 15S, 31E

Chaves Co., NM

Operator's Representative

Cimarex Energy Co. of Colorado


600 N. Marienfeld St., Ste. 600

Midland, TX 79701

Office Phone: (432) 571-7800

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 30th day of January, 2013

NAME: 
Paula Brunson

TITLE: Regulatory Compliance

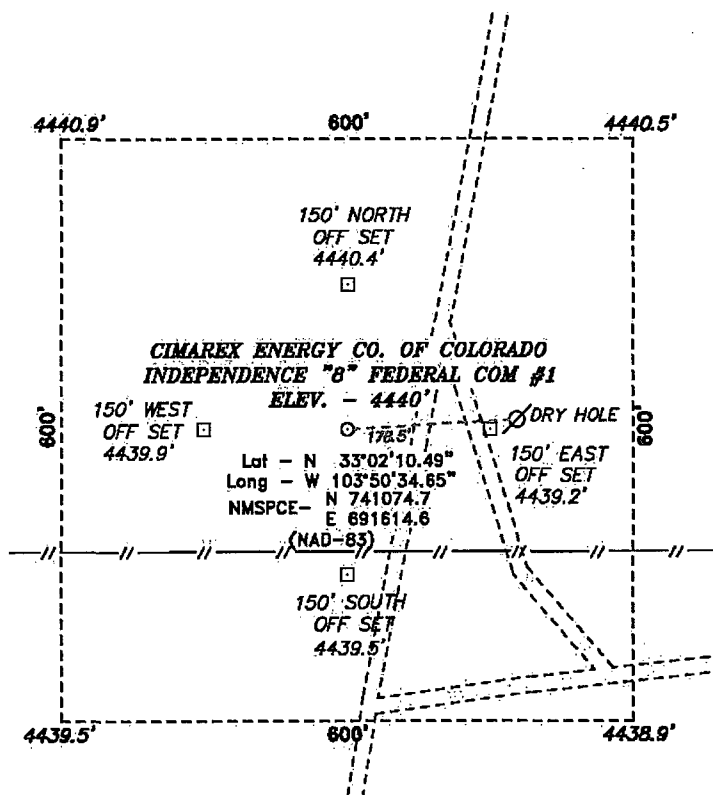
ADDRESS: 600 N. Marienfeld St., Ste. 600
Midland, TX 79701

TELEPHONE: 432-571-7848

EMAIL: pbrunson@cimarex.com

Field Representative: Same as above

SECTION 8, TOWNSHIP 15 SOUTH, RANGE 31 EAST, N.M.P.M.,
CHAVES COUNTY, NEW MEXICO.



Directions to Location:

FROM MILE MARKER 30 OF HWY 249, GO NORTH ON
LEASE ROAD FOR 1.8 MILES TO PROPOSED
LOCATION.

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

W.O. Number: 21628 Drawn By: J. SMALL

Date: 08-17-2009 Disk: JMS 21628

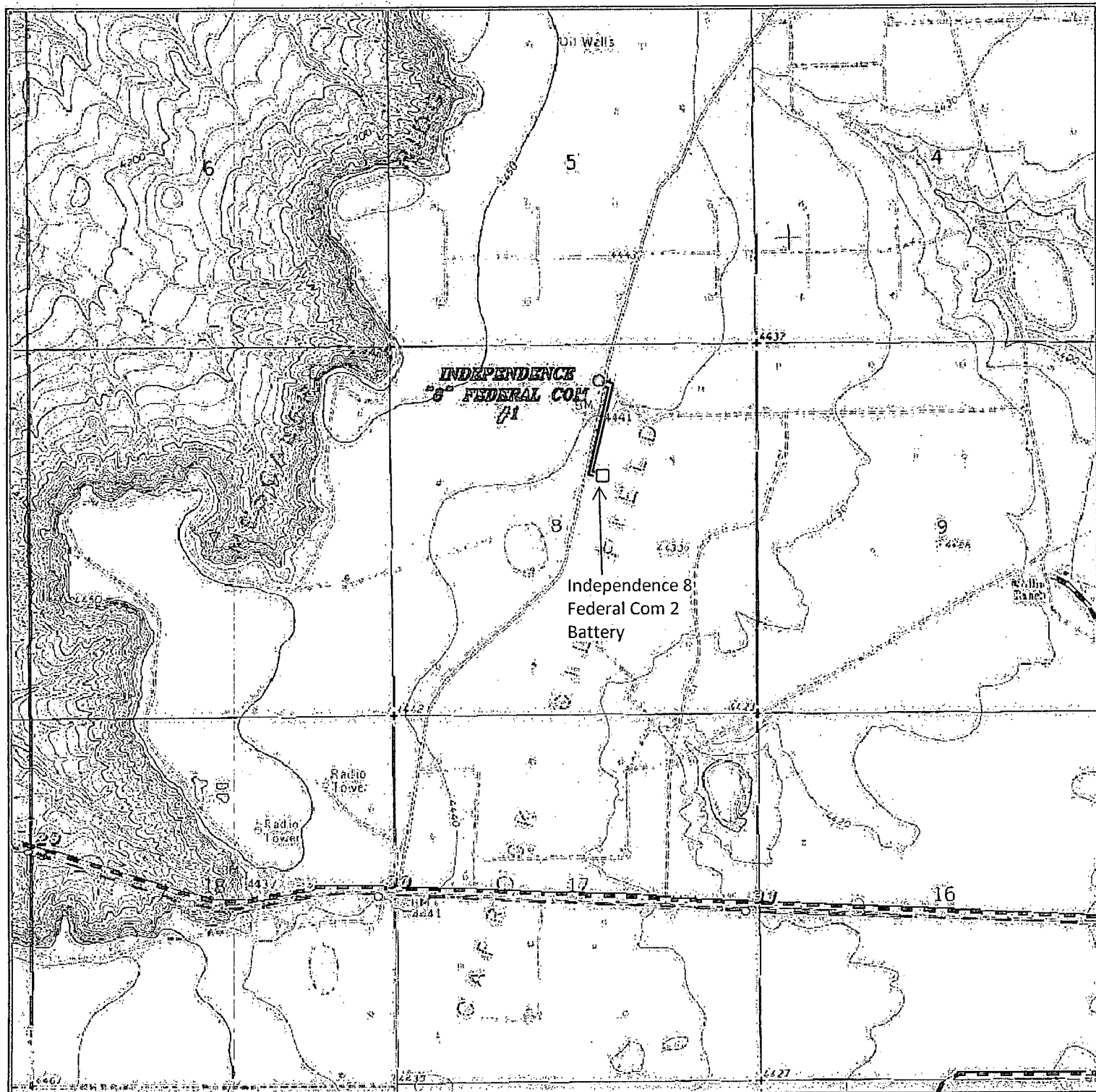
CIMAREX ENERGY CO. OF COLORADO

REF: INDEPENDENCE "8" FEDERAL COM #1 / WELL PAD TOPO

THE INDEPENDENCE "8" FEDERAL COM #1 LOCATED 510'
FROM THE NORTH LINE AND 2310' FROM THE EAST LINE OF
SECTION 8, TOWNSHIP 15 SOUTH, RANGE 31 EAST,

N.M.P.M., CHAVES COUNTY, NEW MEXICO.

Survey Date: 08-14-2009 Sheet 1 of 1 Sheets



INDEPENDENCE "8" FEDERAL COM #1
 Located 510' FNL and 2310' FEL
 Section 8, Township 15 South, Range 31 East,
 N.M.P.M., Chaves County, New Mexico.

□ Battery
 — Flowline
 — E-Line

Basin
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 in the oilfield

P.O. Box 1788
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 382-2206 - Fax
 basin-surveys.com

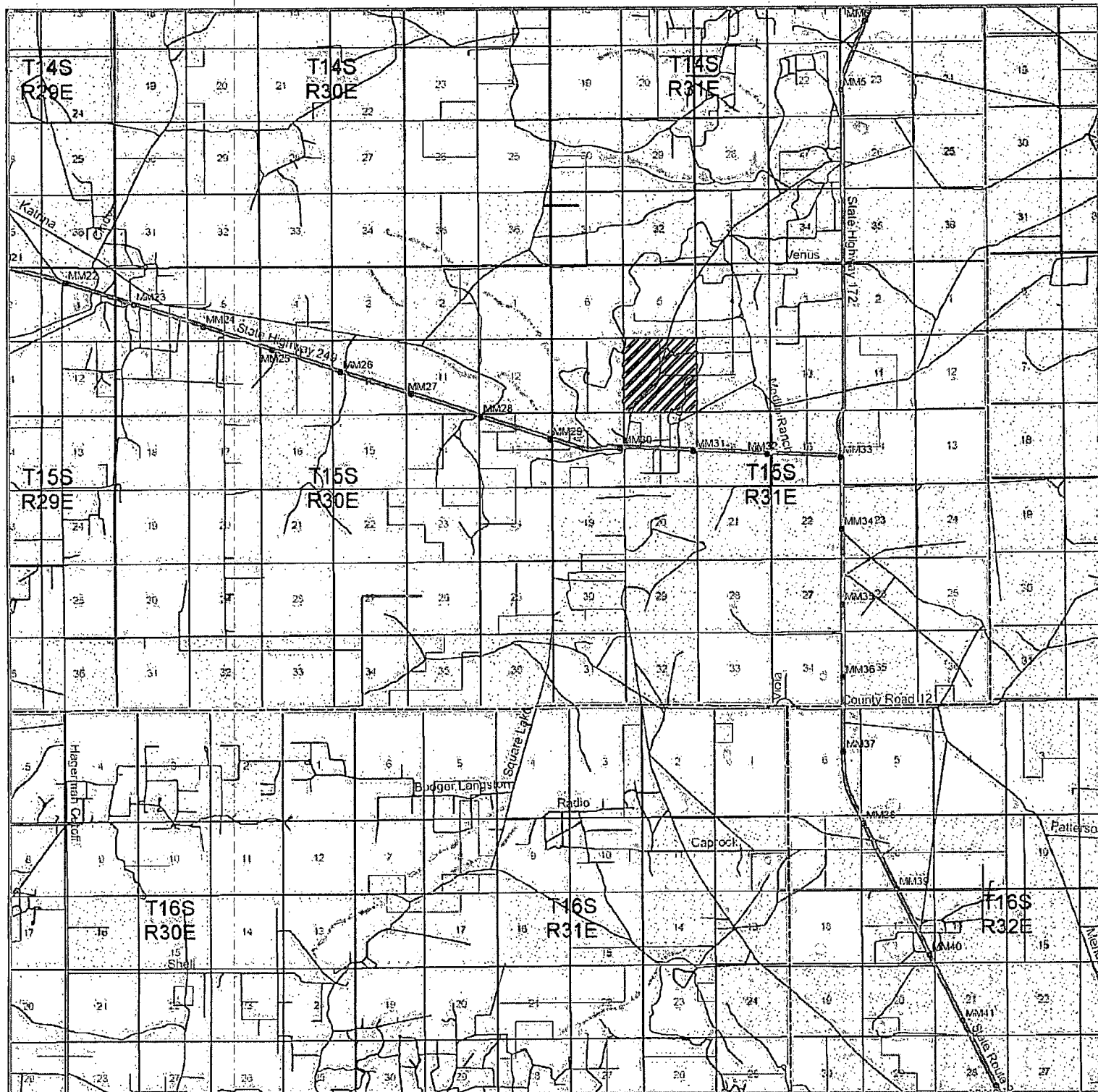
W.O. Number: JMS 21628

Survey Date: 08-14-2009

Scale: 1" = 2000'

Date: 08-17-2009

CIMAREX
ENERGY CO.
OF COLORADO



INDEPENDENCE "8" FEDERAL COM #1
 Located 510' FNL and 2310' FEL
 Section 8, Township 15 South, Range 31 East,
 N.M.P.M., Chaves County, New Mexico.

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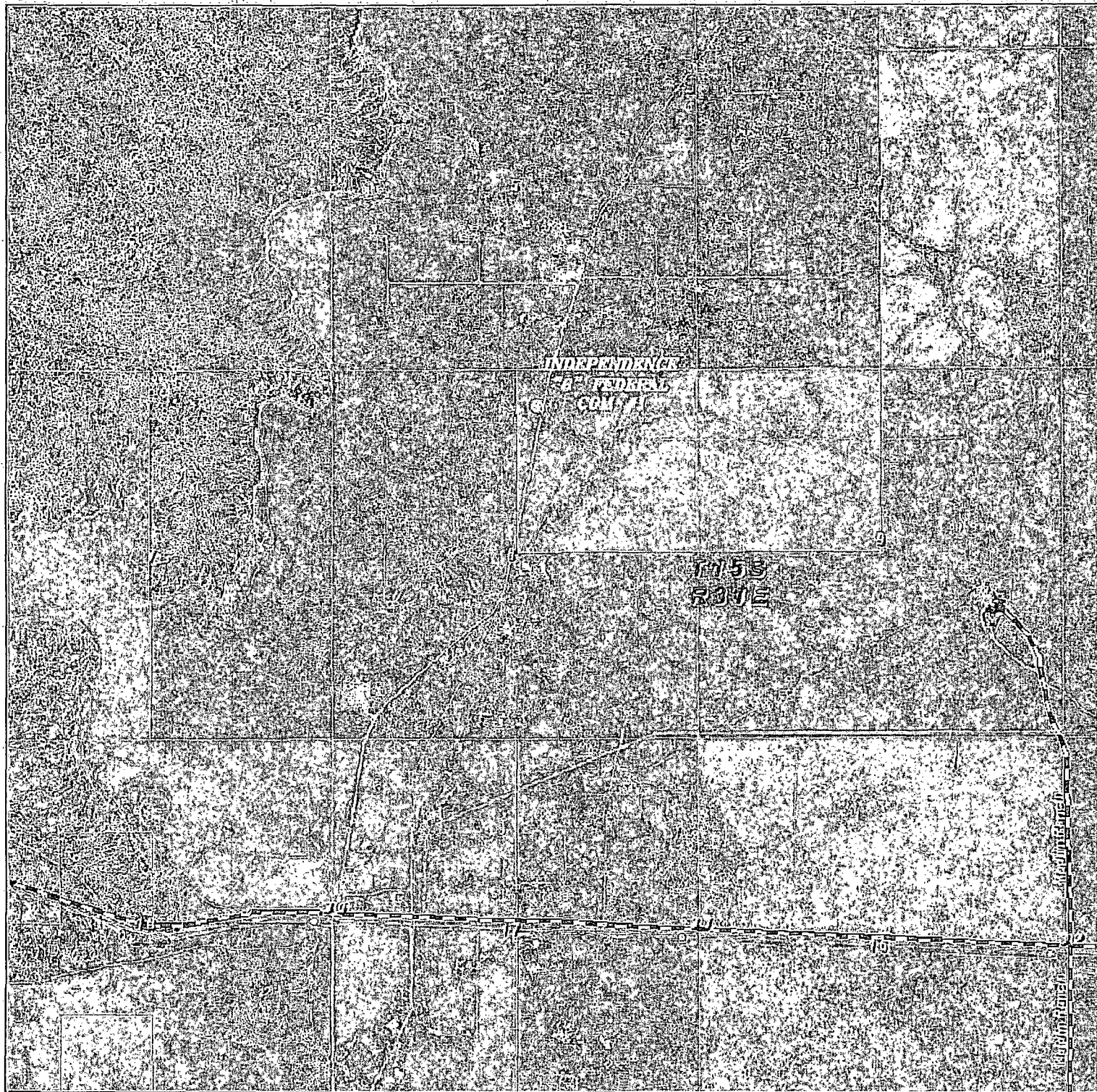
W.O. Number: JMS 21628

Survey Date: 08-14-2009

Scale: 1" = 2 Miles

Date: 08-17-2009

CIMAREX
ENERGY CO.
OF COLORADO



INDEPENDENCE 8th FEDERAL COM #1

Located 510' FNL and 2310' FEL

Section 8, Township 15 South, Range 31 East,
N.M.P.M., Chaves County, New Mexico.

- ☐ Battery
- Flowline
- E-Line

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W.O. Number: JMS 21628

Scale: 1" = 2000'

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

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