

Surface Use Plan
Snoddy Federal No. 22H
Cimarex Energy Co of Colorado
Unit A, Section 26
T20S-R32E, Lea County, NM

30-025-40839
HOBBS OCD
EG 10-30-2012
OCT 26 2012

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.

- 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. At mile marker 68, go West on Hwy 62-180 for 0.25 miles to lease road. On lease road, go South 0.3 miles to well pad and proposed location.

2. **Planned Access Roads:** No new roads are proposed.

3. **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 Exhibit "A" |
| E. Abandoned wells - | As shown on Exhibit "A" |

4. **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 wellsite. See production facilities layout diagram. Any changes to the facilities 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

7. **Methods of Handling Waste Material:**

- A. Drill cuttings will be separated by a series of solids removal equipment and stored in steel containment pits and then hauled to a state-approved disposal facility.
- B. All trash, junk and other waste material will be contained in trash cages or bins to prevent scattering. When the job is completed all contents will be removed and disposed of in an approved sanitary land fill.
- C. Salts remaining after completion of well will be picked up by supplier including broken sacks.
- D. Sewage from living quarters will drain into holding tanks and be cleaned out periodically and hauled to a waste disposal facility. A Porta-John will be provided for the rig crews. This equipment will be properly maintained during the drilling operations and removed upon completion of the well.
- E. Drilling fluids will be contained in steel pits in a closed circulating system. Fluids will be cleaned and reused. Water produced during testing will be contained in the steel pits and disposed of at a state approved disposal facility. Any oil or condensate produced will be stored in test tanks until sold and hauled from the site.

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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. An Archaeological survey will be conducted on the location and proposed roads, and this report will be filed with the Bureau of Land Management in the Carlsbad BLM office.
- D. There are no known dwellings within 1½ miles of this location.

Operator Certification Statement

Snoddy Federal No. 22H

Cimarex Energy Co of Colorado

Unit A, Section 26

T20S-R32E, 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 16th day of July, 2012

NAME: 
Paula Brunson

TITLE: Drilling Tech, Regulatory

ADDRESS: 600 N Marienfeld St Ste 600
Midland Tx 79701

TELEPHONE: Office Phone: (432) 571-7800

EMAIL: pbrunson@cimarex.com

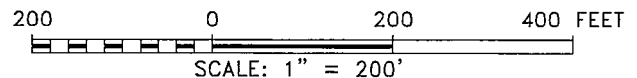
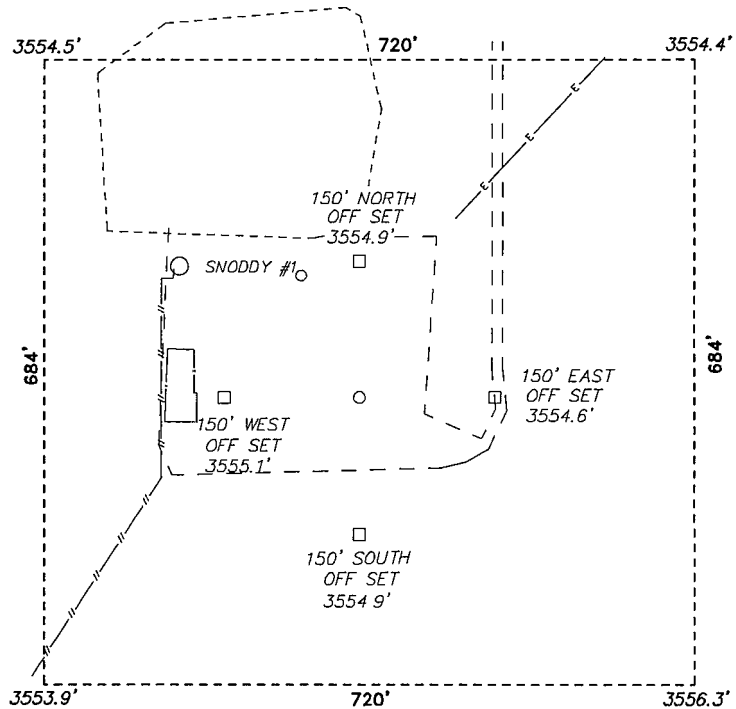
Field Representative: Same as above

SECTION 26, TOWNSHIP 20 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



CIMAREX ENERGY CO. OF COLORADO
SNODDY FEDERAL #22H
ELEV. - 3555'

Lat - N 32°32'57.10"
Long - W 103°43'48.92"
NMSPC- N 564053.7
E 727163.4
(NAD-83)



Directions to Location

AT MILE MARKER 68, GO WEST ON HWY 62-180
FOR 0.25 MILES TO LEASE ROAD, ON LEASE ROAD
GO SOUTH 0.3 MILES TO WELL PAD AND PROPOSED
LOCATION.

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

W.O. Number: 24723 Drawn By: J. SMALL

Date: 06-29-2011 Disk: JMS 24723

CIMAREX ENERGY CO. OF COLORADO

REF: SNODDY FEDERAL #22H / WELL PAD TOPO

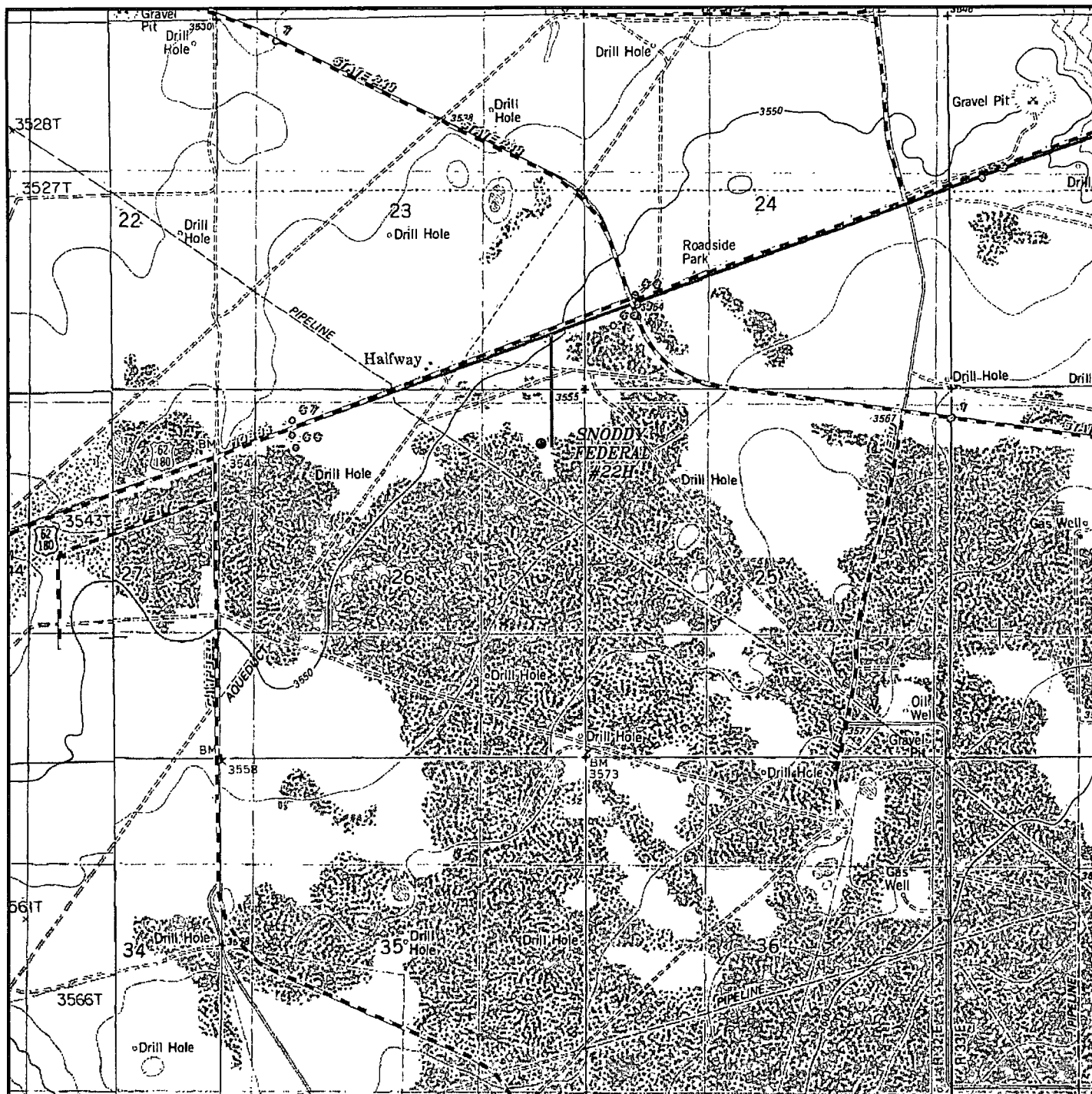
THE SNODDY FEDERAL #22H LOCATED 797'

FROM THE NORTH LINE AND 596' FROM THE EAST LINE OF

SECTION 26, TOWNSHIP 20 SOUTH, RANGE 32 EAST,

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

Survey Date: 06-22-2011 Sheet 1 of 1 Sheets



SNODDY FEDERAL #22H

Located 797' FNL and 596' FEL

Section 26, Township 20 South, Range 32 East,
N.M.P.M., Lea County, New Mexico.

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P.O. Box 1786
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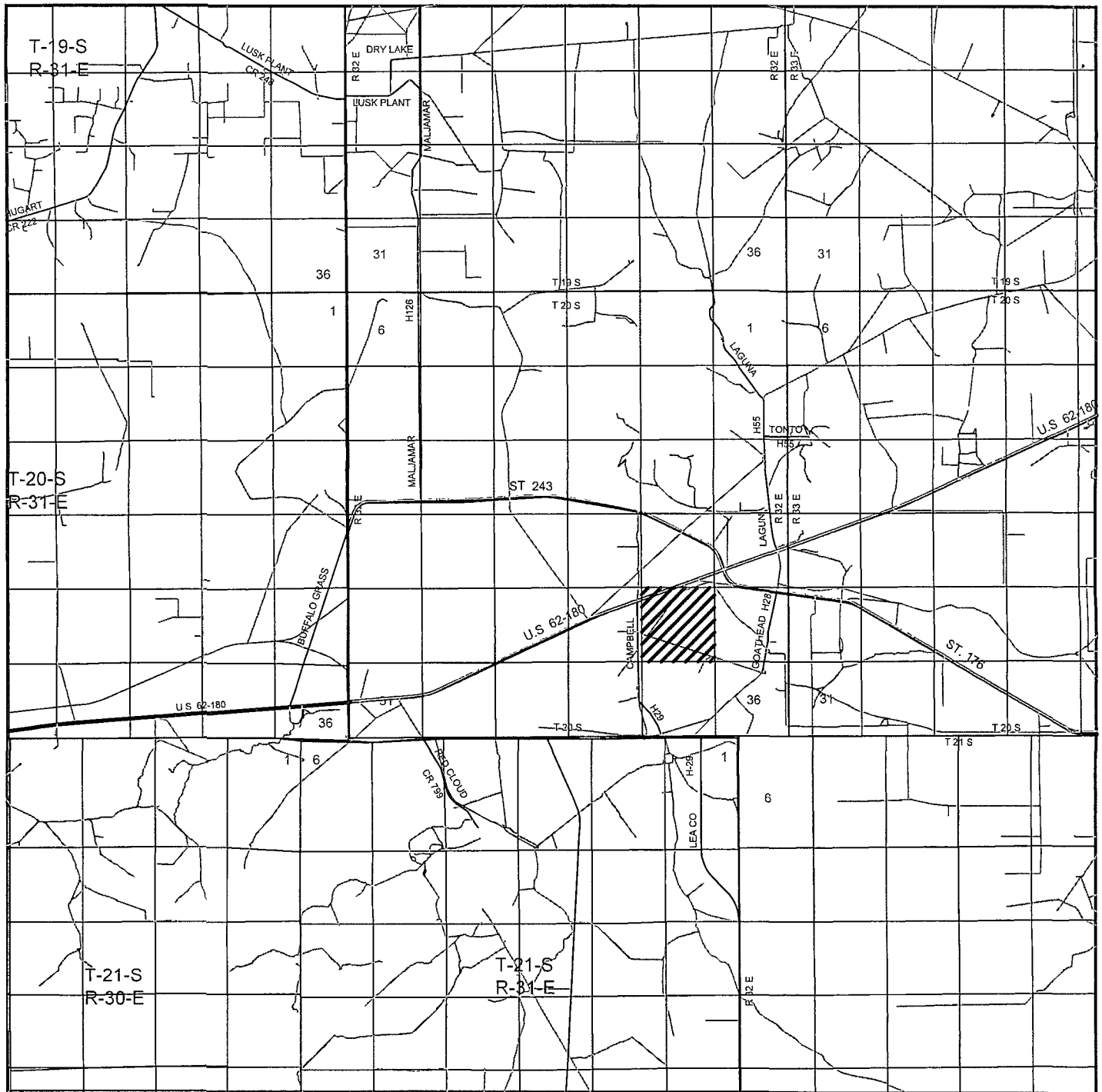
W.O. Number: JMS 24723

Survey Date: 06-22-2011

Scale: 1" = 2000'

Date: 06-29-2011

**CIMAREX
ENERGY CO.
OF COLORADO**



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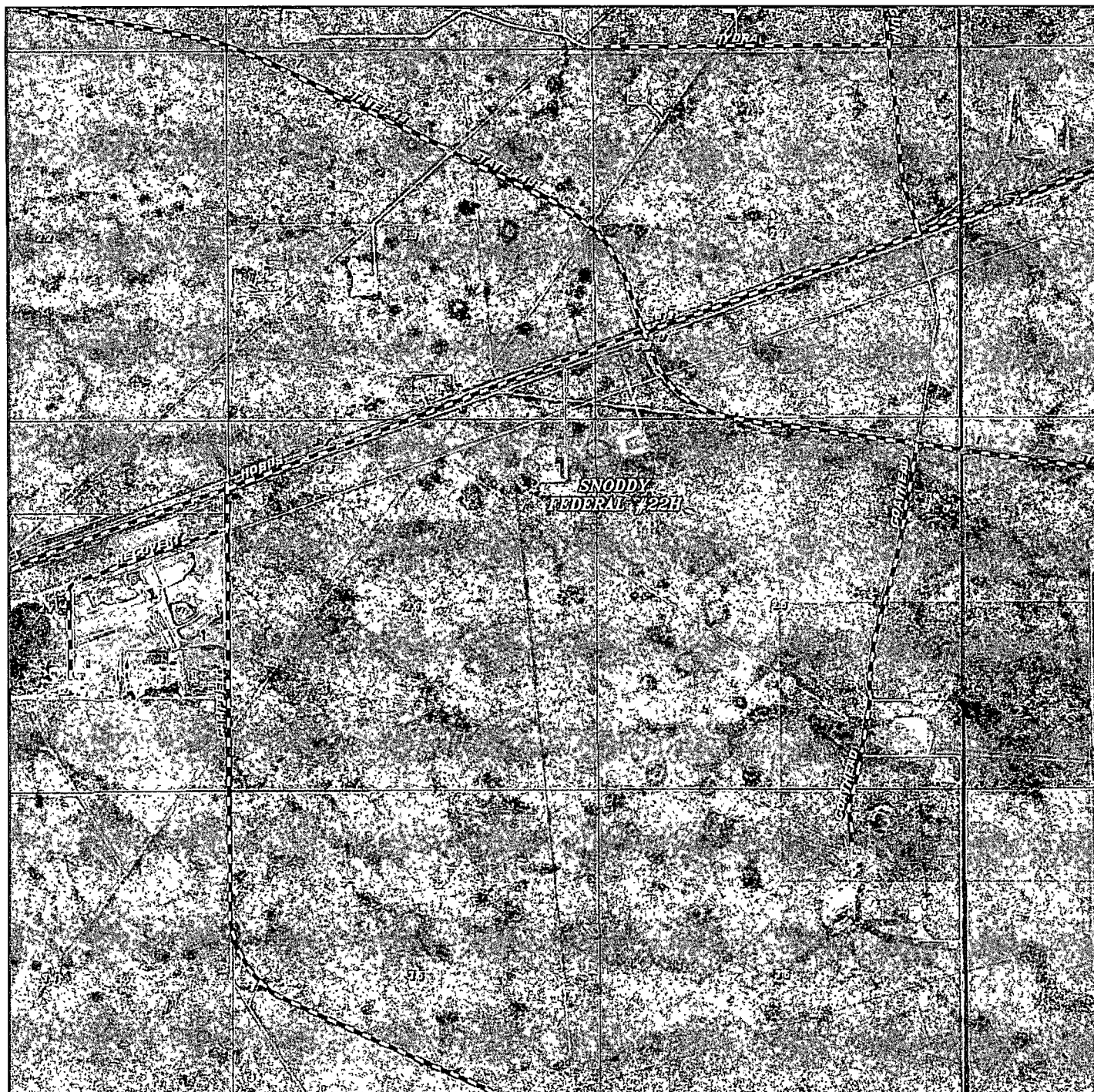
Survey Date: 06-22-2011

Scale: 1" = 2 Miles

Date: 06-29-2011



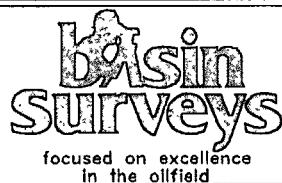
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YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND



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ENERGY CO.
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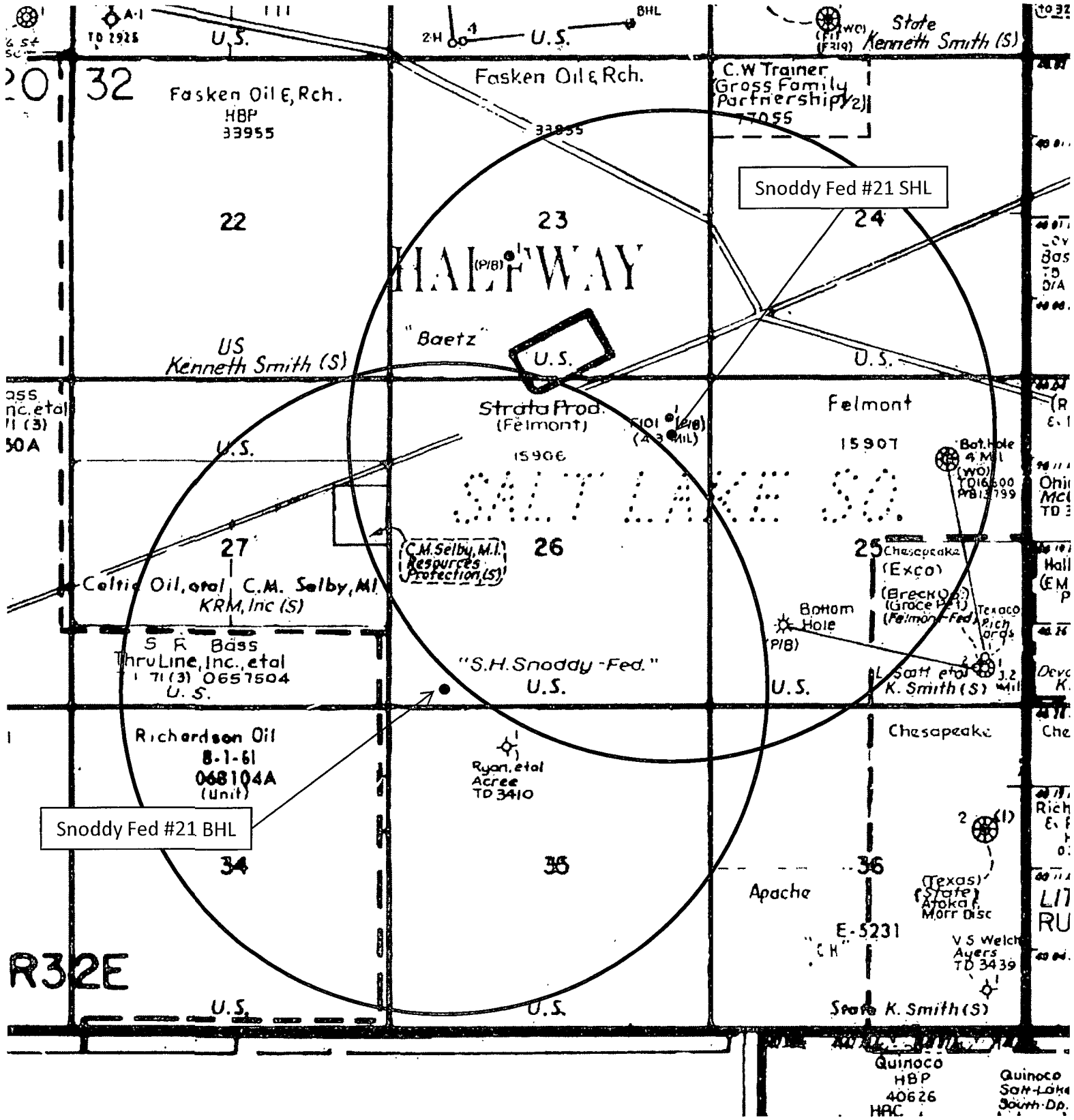


Exhibit A – One-Mile Radius Map
 Snoddy Federal No. 22
 Cimarex Energy Co. of Colorado
 26-20S-32E
 SHL 768' FNL & 555' FEL
 BHL 330' FSL & 990' FWL
 Lea County, NM