

Surface Use Plan
Hat Mesa 10 Federal Com No. 4
Cimarex Energy Co. of Colorado
Unit P, Section 10
T21S-R32E; Lea County, NM

HOBBS OCD

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30-025-40805

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," "C-2," "C-3," and "C-4" 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 the junction of 62-180 and Hwy 176, go East on Hwy 176 for 4.8 miles to lease road, on lease road go South 2.0 miles turning West 0.2 miles to proposed lease road.
2. Planned Access Roads: 1166.2' of new, on-lease access road is proposed.
3. Planned Electric Lines:

A 3-phase, 3-wire, with 3, 300' span (700') power line with 40' poles built to BLM Raptor specs. Line will follow access road from the Hat Mesa 10 Fed Com 4 to the Hat Mesa Fed Com 3 well pad (2347.7') which will then go to the Hat Mesa 10 Fed Com 1 battery.
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, 4" SDR-7 poly pipe will be laid along proposed new lease road from the Hat Mesa 10 Fed Com 4 to the Hat Mesa Fed Com 1 tank battery to carry oil, gas, and water to the #1 tank battery. Allocations will be based on well tests. See production facilities layout diagram. Any changes to the facilities or off-site facilities will be accompanied by a sundry notice.
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

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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
Hat Mesa 10 Federal Com No. 4
Cimarex Energy Co. of Colorado
Unit P, Section 10
T21S-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 7th day of July, 2011

NAME: Zeno Farris
Zeno Farris

TITLE: Manager Operations Administration

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

TELEPHONE: (432) 620-1938

EMAIL: zfarris@cimarex.com

Field Representative: Same as above

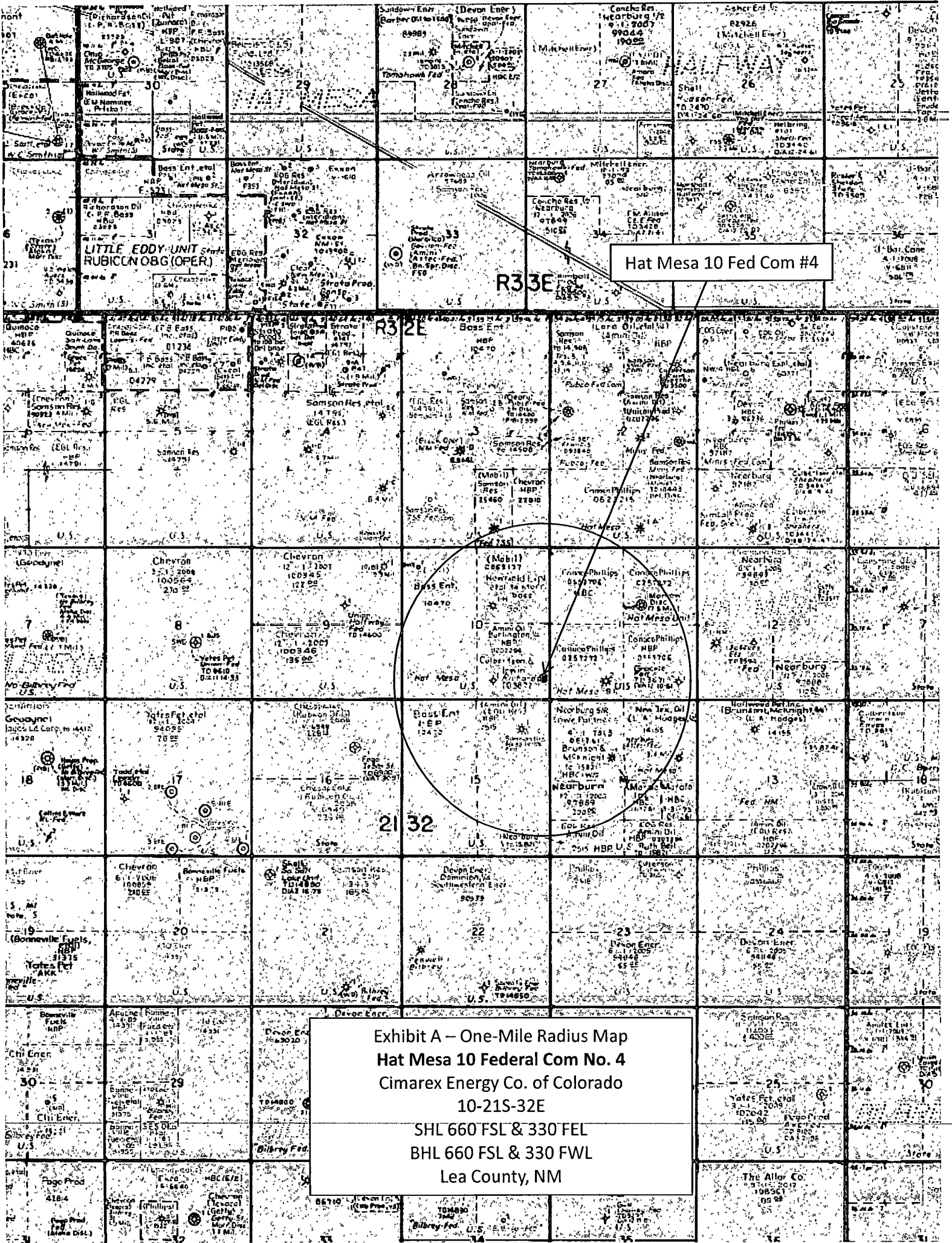
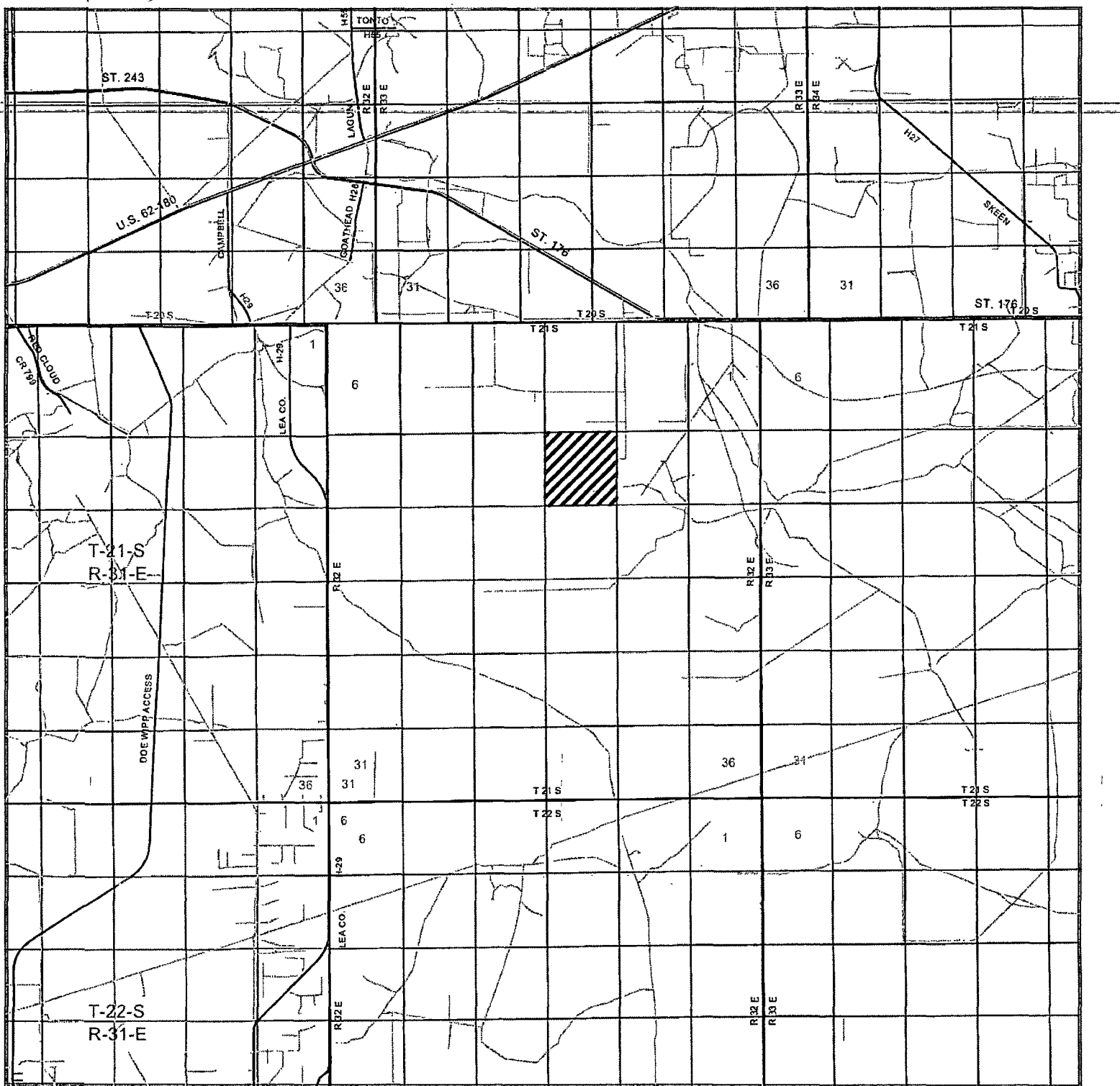
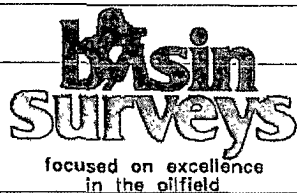


Exhibit A – One-Mile Radius Map
Hat Mesa 10 Federal Com No. 4
Cimarex Energy Co. of Colorado
10-215-32E
SHL 660 FSL & 330 FEL
BHL 660 FSL & 330 FWL
Lea County, NM



HAT MESA "10" FEDERAL COM #4H
 Located 660' FSL and 330' FEL
 Section 10, Township 21 South, Range 32 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

W.O. Number: JMS 24477

Survey Date: 04-15-2011

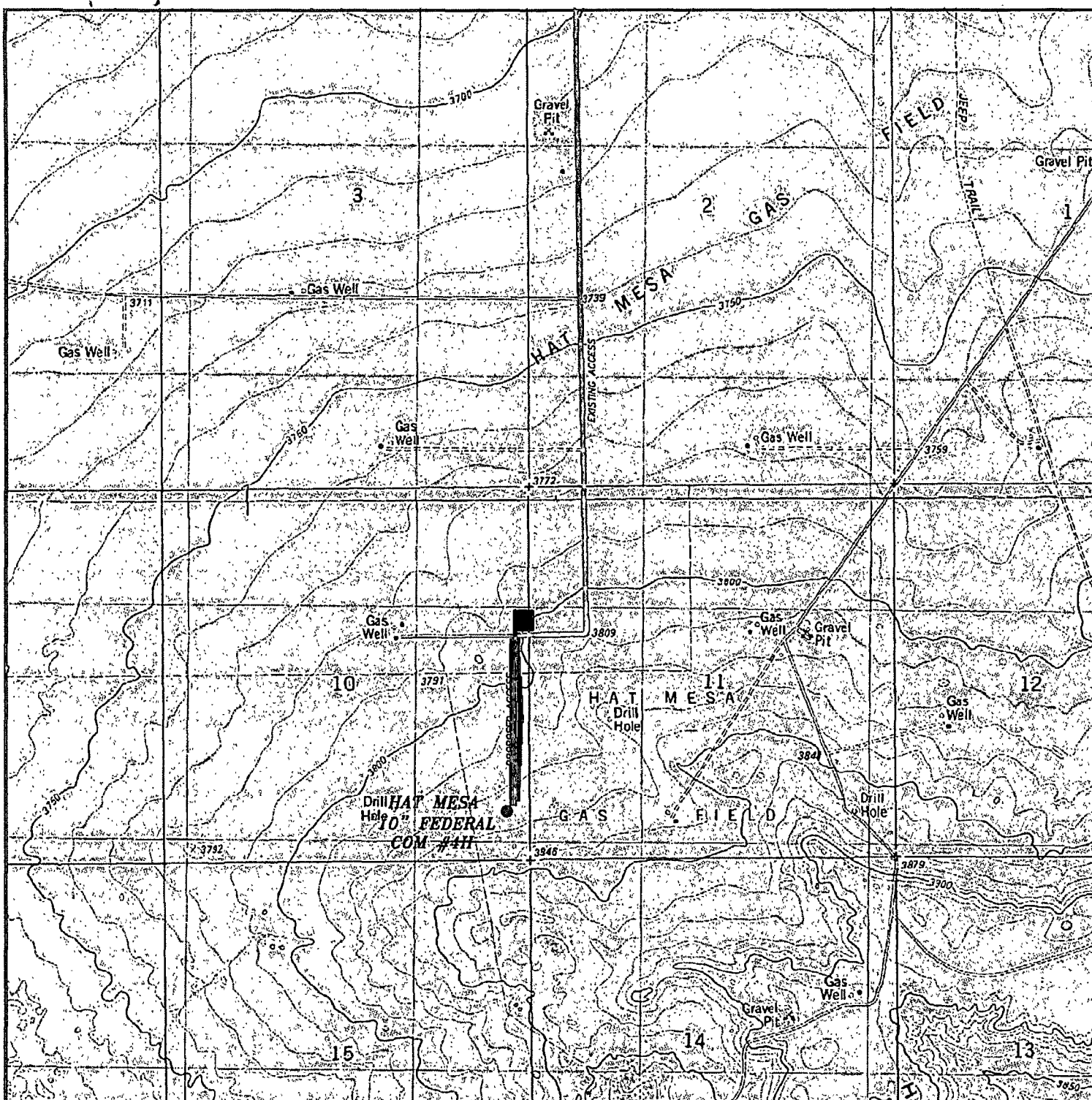
Scale: 1" = 2 Miles

Date: 04-19-2011



CIMAREX
 ENERGY CO.
 OF COLORADO

Exhibit B





HAT MESA "10" FEDERAL COM #4H

Located 660' FSL and 330' FEL

Section 10, Township 21 South, Range 32 East,
N.M.P.M., Lea County, New Mexico.

 **Battery**

 Flowline
 Eline

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surveys
focused on excellence
in the oilfield

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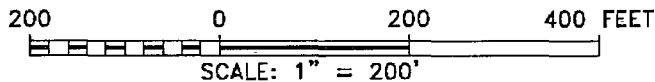
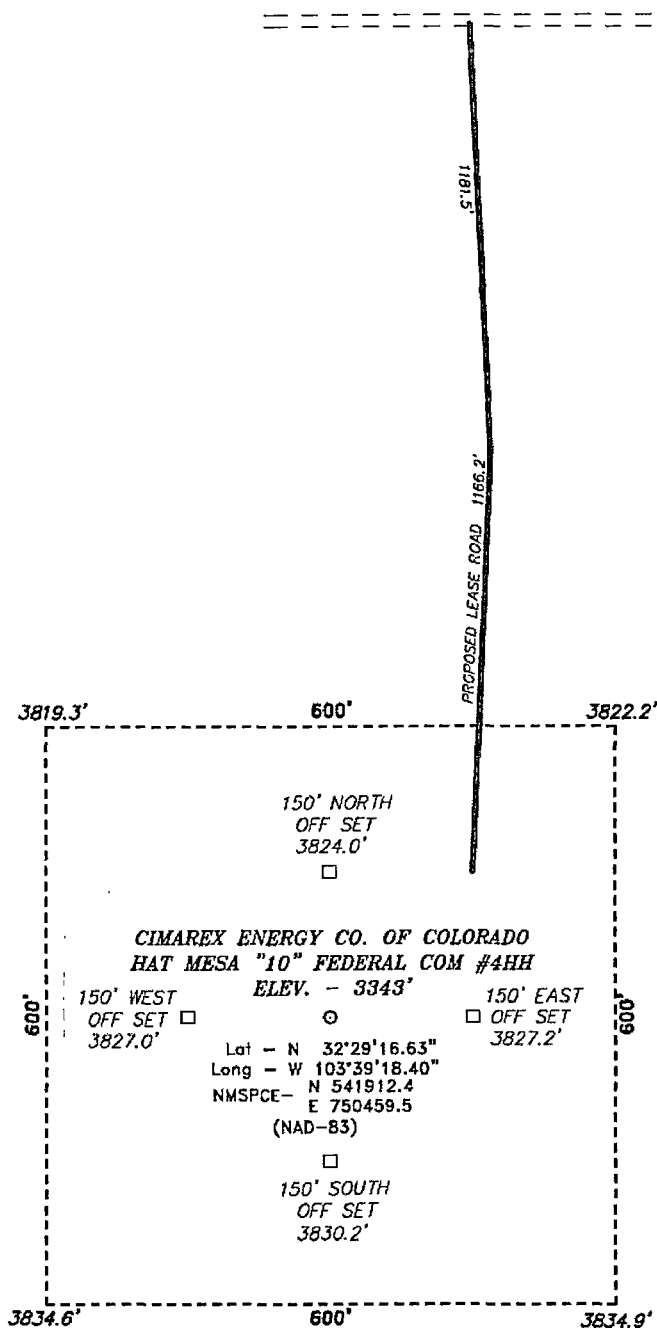
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CIMAREX
ENERGY CO.
OF COLORADO

Exhibit C

SECTION 10, TOWNSHIP 21 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF 62-180 AND HWY 176, GO EAST ON HWY 176 FOR 4.8 MILES TO LEASE ROAD, ON LEASE ROAD GO SOUTH 2.0 MILES TURNING WEST 0.2 MILES TO PROPOSED LEASE ROAD.

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

W.O. Number: 24477 Drawn By: J. SMALL

Date: 04-19-2011 Disk: JMS 24477

CIMAREX ENERGY CO. OF COLORADO

REF: HAT MESA "10" FEDERAL COM #4H / WELL PAD TOPO

THE HAT MESA "10" FEDERAL COM #4H LOCATED 660'
FROM THE SOUTH LINE AND 330' FROM THE EAST LINE OF
SECTION 10, TOWNSHIP 21 SOUTH, RANGE 32 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 04-15-2011 Sheet 1 of 1 Sheets