

Surface Use Plan  
East Lusk 15 Federal Com No. 3H  
Cimarex Energy Co. of Colorado  
Unit H, Section 15  
T19S-R32E, Lea County, NM

30025-41179 HOBBS OCD

APR 30 2013

RECEIVED

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.
  - 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 Lusk and Maljamar, go North on Maljamar for 0.4 miles to lease road. On lease road, go East 1.8 miles to proposed location.  
2
2. Planned Access Roads: 45.8' of proposed newly constructed access road (on-lease).
3. Planned Powerlines:  
Approximately 721' feet of 3-phase, 3-wire, 300' span, electric line on three (3) 40' poles built to BLM Raptor specs will be constructed. Line will follow proposed new access road and existing roads to connect to line at East Lusk 15 Federal Com #2 well in NESE.
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" and "A-1"
E. Abandoned wells -	As shown on Exhibits "A" and "A-1"
5. Location of proposed construction Facilities:  
If on completion this well is a producer, approximately 3340' of 4" SDR-7 poly pipe will be laid along existing and proposed new lease road from the East Lusk 15 Federal Com 3 to the East Lusk 15 Federal Com 1 well pad in SESE (battery location) to carry oil, gas, and water to the #1 tank battery. 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)
  - 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.

Surface Use Plan  
**East Lusk 15 Federal Com No. 3H**  
Cimarex Energy Co. of Colorado  
Unit H, Section 15  
T19S-R32E, Lea County, NM

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 know dwellings within 1½ miles of this location.

Operator Certification Statement  
East Lusk 15 Federal Com No. 3H  
Cimarex Energy Co. of Colorado  
Unit H, Section 15  
T19S-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 25th day of October, 2012

NAME:   
Tracie J Cherry

TITLE: Sr. Regulatory Analyst

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

TELEPHONE: (432) 620-1938

EMAIL: tcherry@cimarex.com

Field Representative: Same as above

## APD Deficiencies

Well name: East Lusk 15 Federal Com No 3H

Operator: Cimarex Energy Company of Colorado

1. Form 3160-3, The Well Location and Dedication Plat, and the One-Mile Radius Map show the well location at 2280' FNL & 330' FEL. Exhibits B, C, and the map illustrating existing access show the well located at 2180' FNL & 330' FEL. Submit diagrams with the correct location of the well on them.
2. Exhibit C-1, which is the survey plat, has the well listed at 2180' FNL & 330' FWL. The directions to the location on the survey plat and in the surface use plan direct you to the east side of Sec. 16 in Township 19 Range 32. Submit a certified survey plat of the location of the well with accurate directions to the location from the nearest public access point (ie. county road).
3. Submit a new exhibit C and annotate that proposed pipelines, elines, and roads are not drawn in to scale.

Please contact Legion Brumley with any questions at 575-234-5957.

## APD Deficiencies

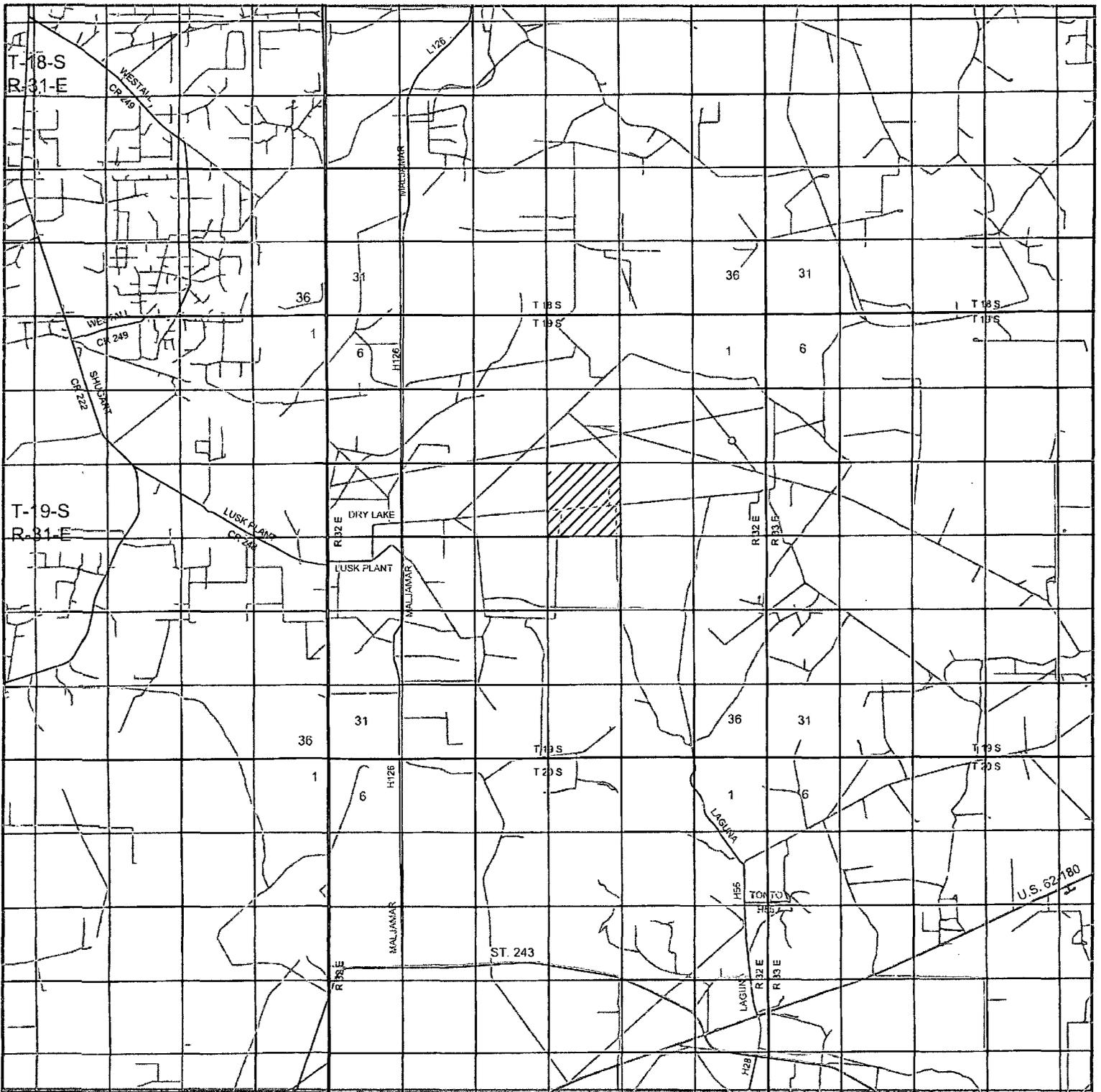
Well name: East Lusk 15 Federal Com No 3H

Operator: Cimarex Energy Company of Colorado

1. Form 3160-3, The Well Location and Dedication Plat, and the One-Mile Radius Map show the well location at 2280' FNL & 330' FEL. Exhibits B, C, and the map illustrating existing access show the well located at 2180' FNL & 330' FEL. Submit diagrams with the correct location of the well on them.
2. Exhibit C-1, which is the survey plat, has the well listed at 2180' FNL & 330' FWL. The directions to the location on the survey plat and in the surface use plan direct you to the east side of Sec. 16 in Township 19 Range 32. Submit a certified survey plat of the location of the well with accurate directions to the location from the nearest public access point (ie. county road).
3. Submit a new exhibit C and annotate that proposed pipelines, elines, and roads are not drawn in to scale.

Please contact Legion Brumley with any questions at 575-234-5957.





**EAST LUSK "15" FEDERAL COM #3**  
 Located 2180' FNL and 330' FEL  
 Section 15, Township 19 South, Range 32 East,  
 N.M.P.M., Lea County, New Mexico.

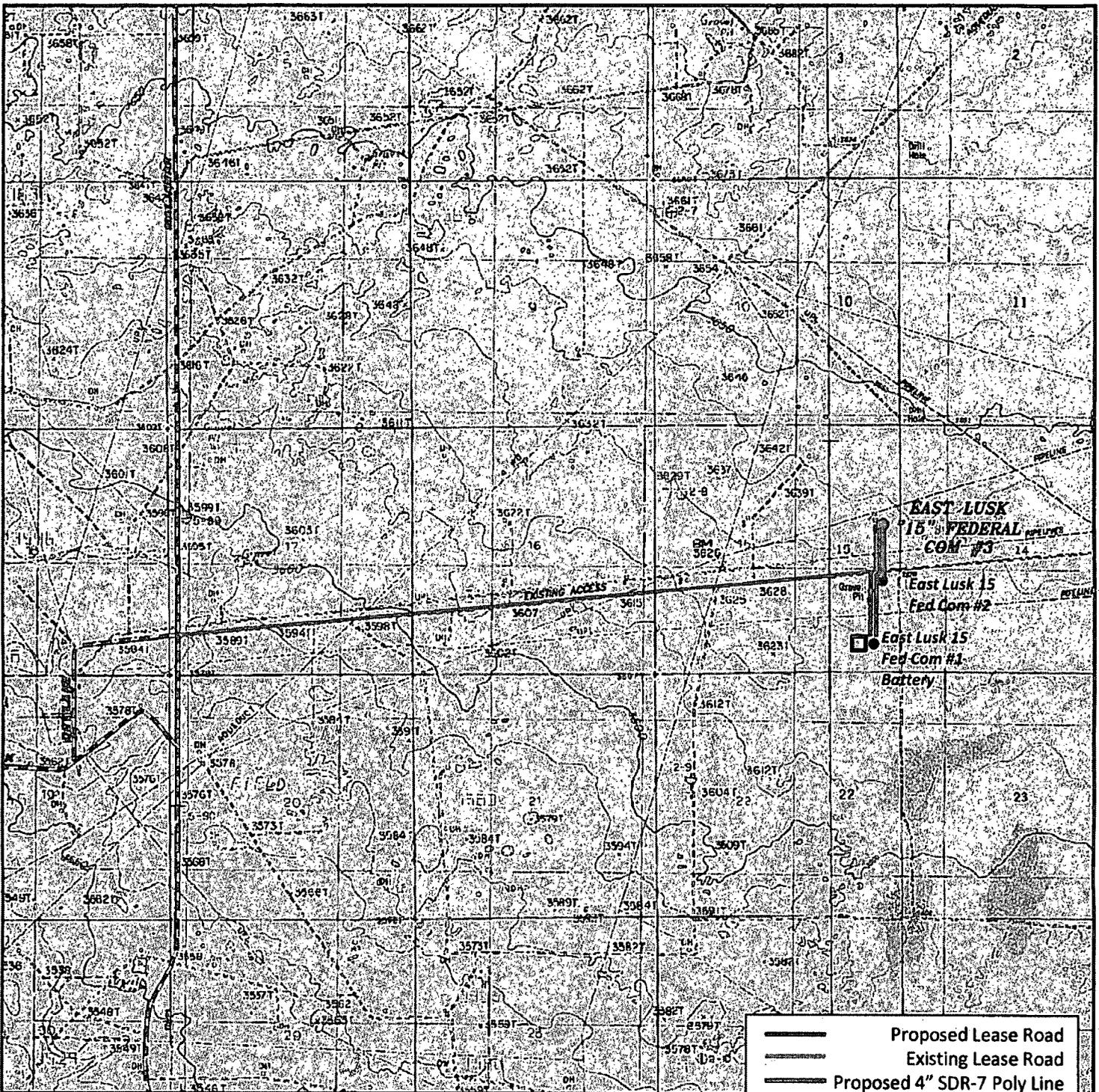
**Basin Surveys**  
 focused on excellence  
 in the oilfield

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 24267
Survey Date:	03-01-2011
Scale:	1" = 2 Miles
Date:	03-02-2011

**CIMAREX  
 ENERGY CO.  
 OF COLORADO**

Exhibit B



**EAST LUSK "15" FEDERAL COM #3**  
 Located 2180' FNL and 330' FEL  
 Section 15, Township 19 South, Range 32 East,  
 N.M.P.M., Lea County, New Mexico.

- Proposed Lease Road
- Existing Lease Road
- Proposed 4" SDR-7 Poly Line
- Proposed E-Line

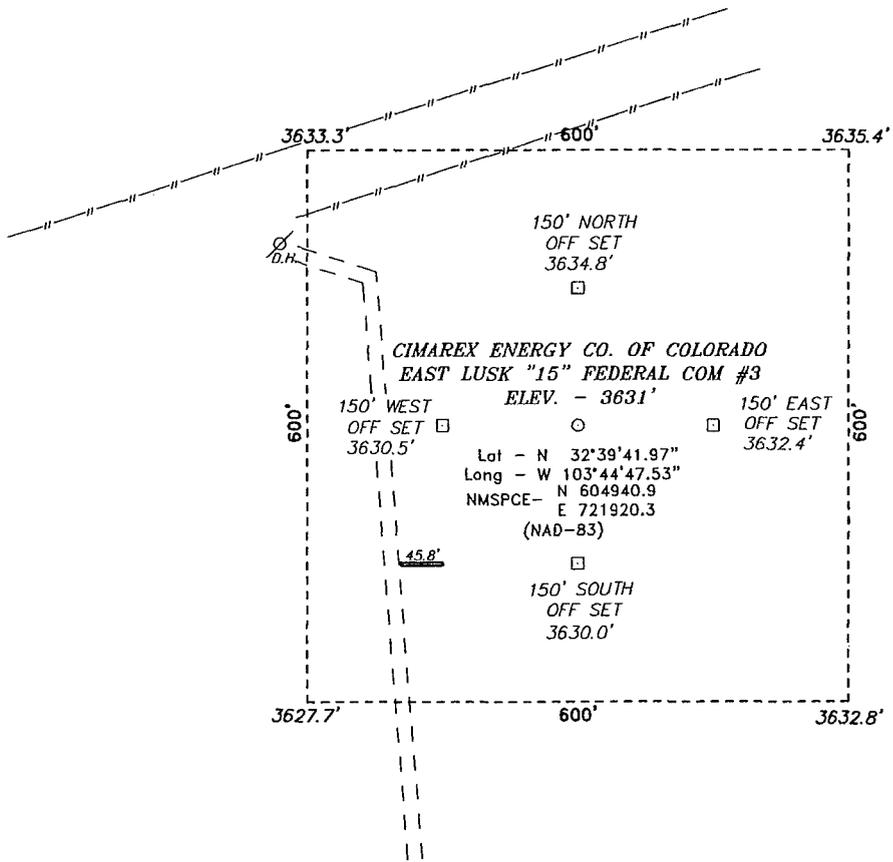
**basin**  
**SURVEYS**  
 focused on excellence  
 in the oilfield

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 24267
Survey Date: 03-01-2011
Scale: 1" = 3000'
Date: 03-02-2011

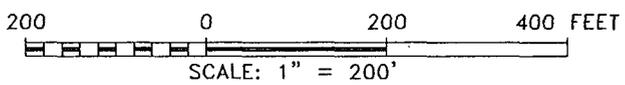
**CIMAREX**  
**ENERGY CO.**  
**OF COLORADO**

SECTION 15, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



**CIMAREX ENERGY CO. OF COLORADO**  
**EAST LUSK "15" FEDERAL COM #3**  
ELEV. - 3631'  
Lot - N 32°39'41.97"  
Long - W 103°44'47.53"  
NMSPOE - N 604940.9  
E 721920.3  
(NAD-83)

LOCO HILLS IS ±17 MILES TO THE NORTHWEST OF LOCATION.



Directions to Location:

FROM THE JUNCTION OF LUSK AND MALJAMAR, GO NORTH ON MALJAMAR FOR 0.4 MILES TO LEASE ROAD, ON LEASE ROAD GO EAST 2.8 MILES TURNING NORTH 0.2 MILES TO PROPOSED LOCATION.

<b>CIMAREX ENERGY CO. OF COLORADO</b>
REF: EAST LUSK "15" FEDERAL COM #3 / WELL PAD TOPO
THE EAST LUSK "15" FEDERAL COM #3 LOCATED 2180' FROM THE NORTH LINE AND 330' FROM THE East LINE OF SECTION 15, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

<b>BASIN SURVEYS</b>	P.O. BOX 1786 - HOBBS, NEW MEXICO
W.O. Number: 24267	Drawn By: J. SMALL
Date: 03-02-2011	Disk: JMS 24267

Exhibit C-1

