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Surface Use Plan
Double X 25 Federal No. 11H
Cimarex Energy Co.
Unit B, Section 25
T24S-R32E, Lea County, NM

30-025-41416

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.
   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 25 of Hwy 128, go east 0.5 miles to lease road, on lease road go south 1.1 miles to proposed lease road.

2. **Planned Access Roads:** 1184.5' of proposed new lease road will be constructed for #11H well. This well will share a location pad with #5 & #6 wells. The access road for those wells has been approved with the #5 & #6 APD.
   Planned Electric Lines: Approximately 100', 3 phase, 4 wire Eline on one (1) 40' pole will connect to previously constructed line that follows lease road servicing #5 & #6 wells

3. **Location of Existing Wells in a One-Mile Radius - Exhibit A**

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   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 upon completion; this well is a producer, a tank battery will be used and the necessary production equipment will be installed at the wellsite. Two (2), approximately 1234', 4" buried HP poly lines down existing lease road, one to carry oil, gas, water to Double X 25 Federal 4 tank battery NENW and one for return gas lift. Any changes to the facilities or off-site facilities will be accompanied by a Sundry Notice. Allocation will be based on well test. Flowline for additional Avalon wells will be buried in the same trench. MAOP 1500 psi anticipated working pressure 200-300 psi. Line will continue to additional wells west when permitted. Ref. Exhibit "C".

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. The primary way of obtaining caliche will be by "turning over" the location. This means caliche will be obtained from the actual well site. A caliche permit will be obtained from BLM prior to pushing up any caliche. 2400 cu yds is the max amount of caliche needed for pad and roads. Amount will vary for each pad. The procedure below has been approved by BLM personnel:
   A. The top 6 inches of topsoil is pushed off and stockpiled along the side of the location.
   B. An approximate 120' x 120' area is used within the proposed well site to remove caliche.
   C. Subsoil is removed and piled alongside the 120' by 120' area within the pad site.
   D. When caliche is found, material will be stockpiled within the pad site to build the location and road.
   E. Then subsoil is pushed back in the hole and caliche is spread accordingly across entire location and road.
   F. Once well is drilled, the stockpiled top soil will be used for interim reclamation and spread along areas where caliche is picked up and the location size is reduced. Neither caliche nor subsoil will be stockpiled outside of the well pad. Topsoil will be stockpiled along the edge of the pad as depicted in Exhibit D – Rig Layout Diagram.

In the event that no caliche is found onsite, caliche will be hauled in from a BLM-approved caliche pit.

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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.
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.

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.
In areas planned for interim and final reclamation, surfacing materials will be removed and returned to a mineral pit or 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 toproduction facilities and operations will be reclaimed and seeded per BLM requirements. Please see Production Facilities Layout Diagram, exhibit D-1.

10 Methods of Handling Waste

A. Drilling fluids, produced oil, and water from the well during drilling and completion operations will be stored safely and disposed of properly in a NMOCD approved disposal facility.
B. Garbage and trash produced during drilling and completion operations will be collected in a trash container and disposed of properly at a state approved disposal facility. All trash on and around well site will be collected for disposal.
C. Human waste and grey water will be properly contained and disposed of properly at a state approved disposal site.
D. After drilling and completion operations, trash, chemicals, salts, frac sand and other waste will be removed and disposed of properly at a state approved disposal site.
E. The well will be drilled utilizing a closed loop system. Drill cuttings will be properly disposed of into steel tanks and taken to an NMOCD approved disposal facility.

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
Double X 25 Federal No. 11H
Cimarex Energy Co.
Unit A, Section 25
T24S-R32E, Lea County, NM

Operator's Representative
Cimarex Energy Co.
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 5th day of October, 2012

NAME:

TITLE: Coordinator Regulatory Compliance

ADDRESS: 600 N Marienfeld St Ste 600
Midland TX 79701

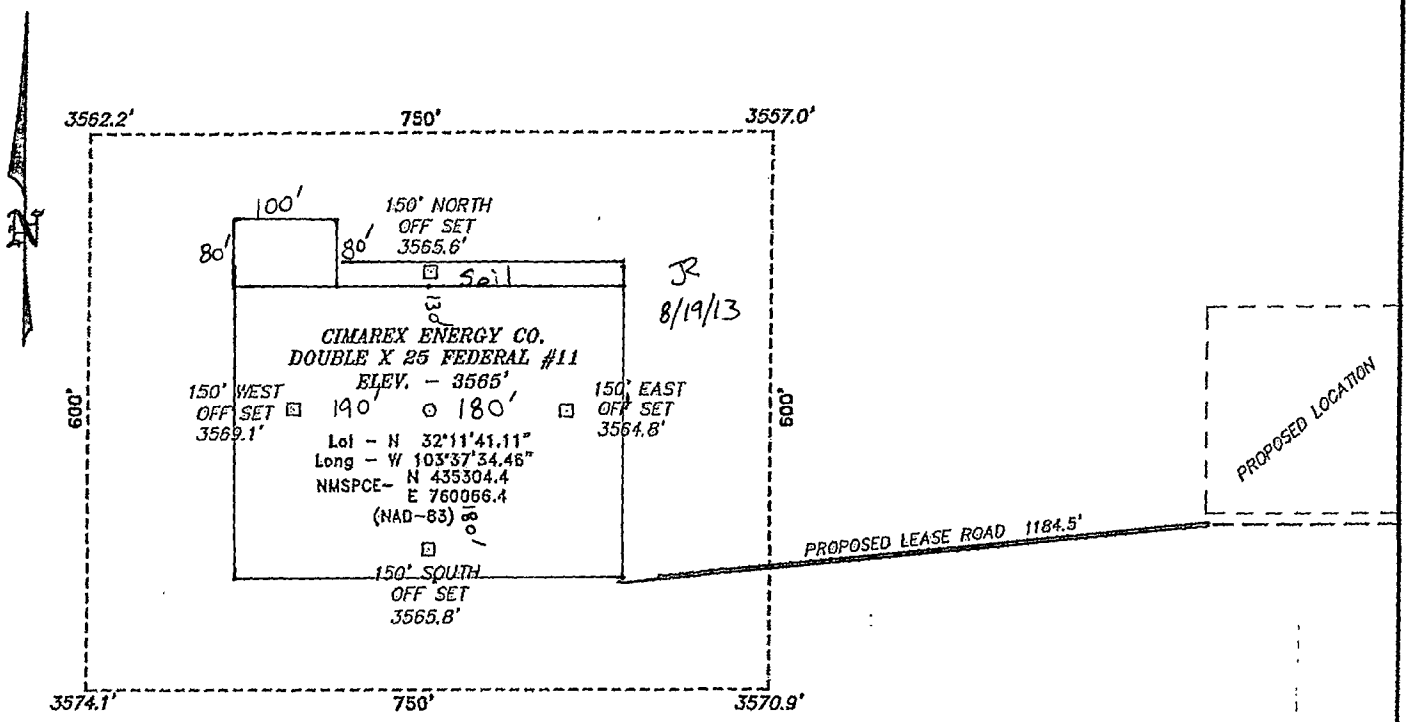
TELEPHONE: Office Phone: (432) 571-7800

EMAIL: tcherr@cimarex.com

Field Representative: Same as above

SECTION 25, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,

LEA COUNTY, NEW MEXICO.



200 0 200 400 FEET

SCALE: 1" = 200'

Directions to Location:

FROM MILE MARKER 25 OF HWY 128, GO EAST 0.5 MILES TO LEASE ROAD, ON LEASE ROAD GO SOUTH 1.1 MILES TO PROPOSED LEASE ROAD.

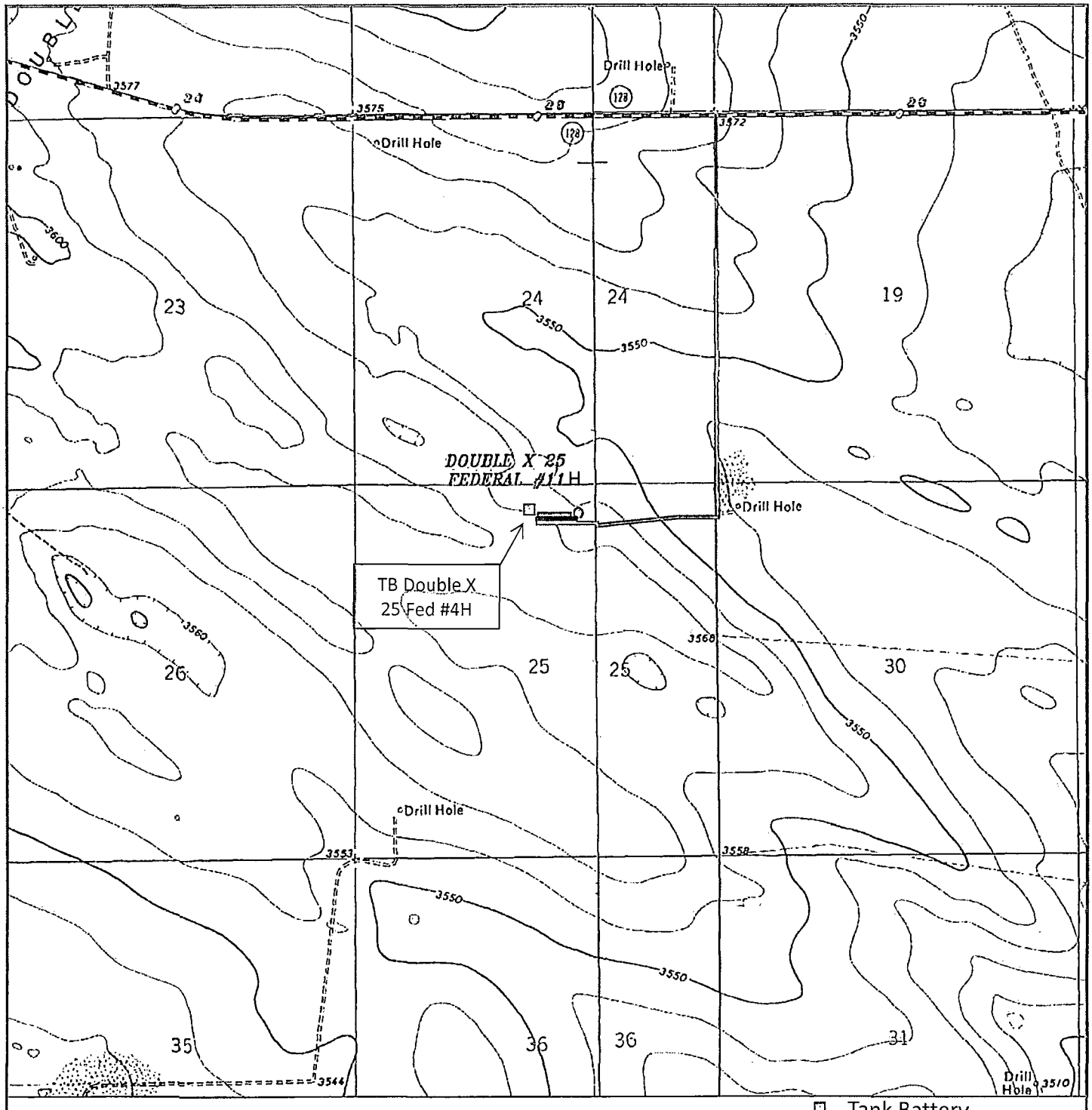
CIMAREX ENERGY CO.

REF: DOUBLE X 25 FEDERAL #11 / WELL PAD TOPO

THE DOUBLE X 25 FEDERAL #11 LOCATED 430' FROM THE NORTH LINE AND 1990' FROM THE EAST LINE OF SECTION 25, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

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

W.O. Number: 26544	Drawn By: J. SMALL		
Date: 04-12-2012	Disk: JMS 26544	Survey Date: 04-11-2012	Sheet 1 of 1 Sheets



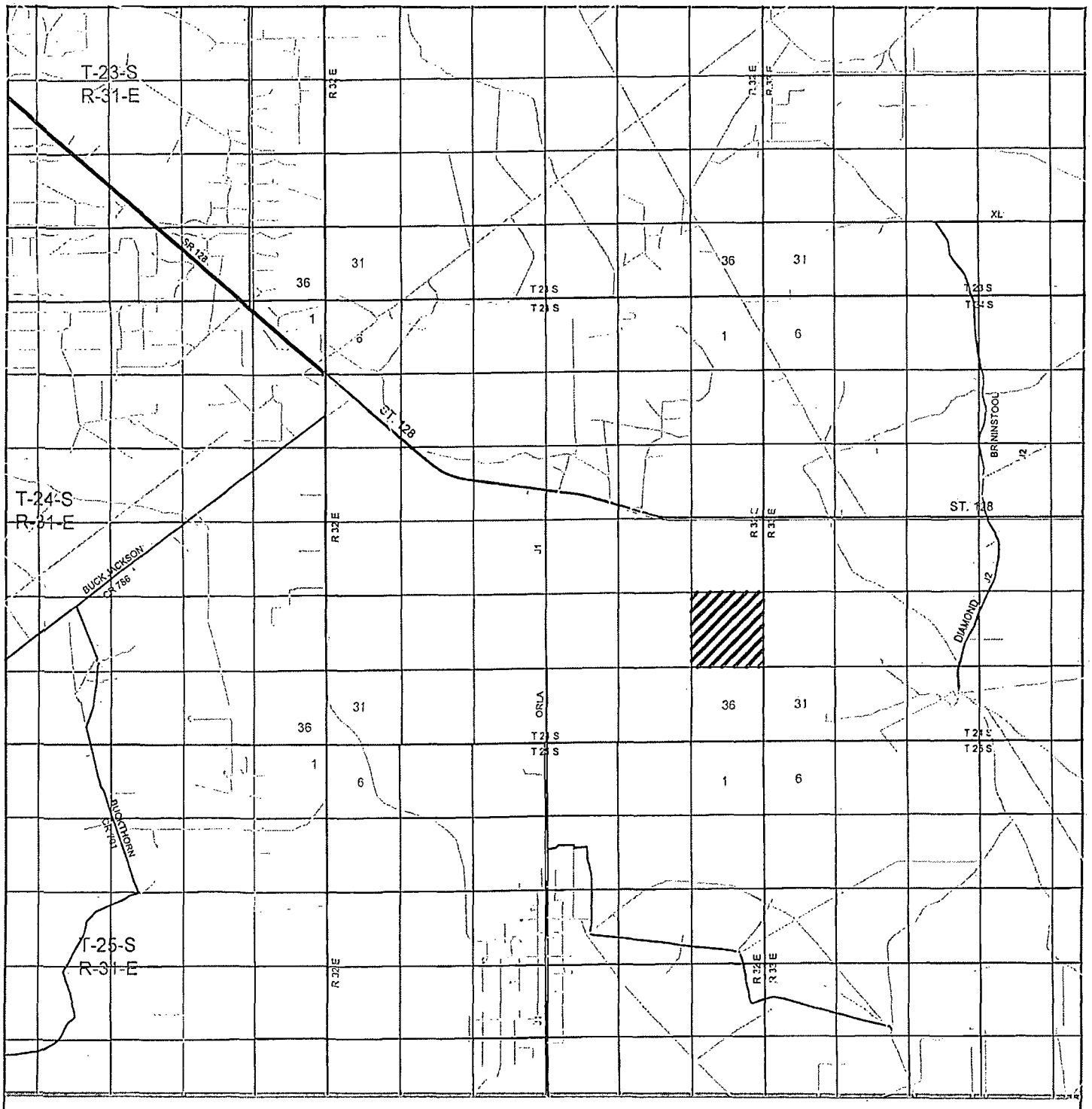
DOUBLE X 25 FEDERAL #11H
Located 430' FNL and 1990' FEL
Section 25, Township 24 South, Range 32 East,
N.M.P.M., Lea County, New Mexico.

Tank Battery
Flow Line
Eline

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 26544
Survey Date:	04-11-2012
Scale:	1" = 2000'
Date:	04-12-2012

CIMAREX ENERGY CO.



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W.O. Number:	JMS 26544
Survey Date:	04-11-2012
Scale:	1" = 2 Miles
Date:	04-12-2012

N

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Scale: 1" = 2000'

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

N

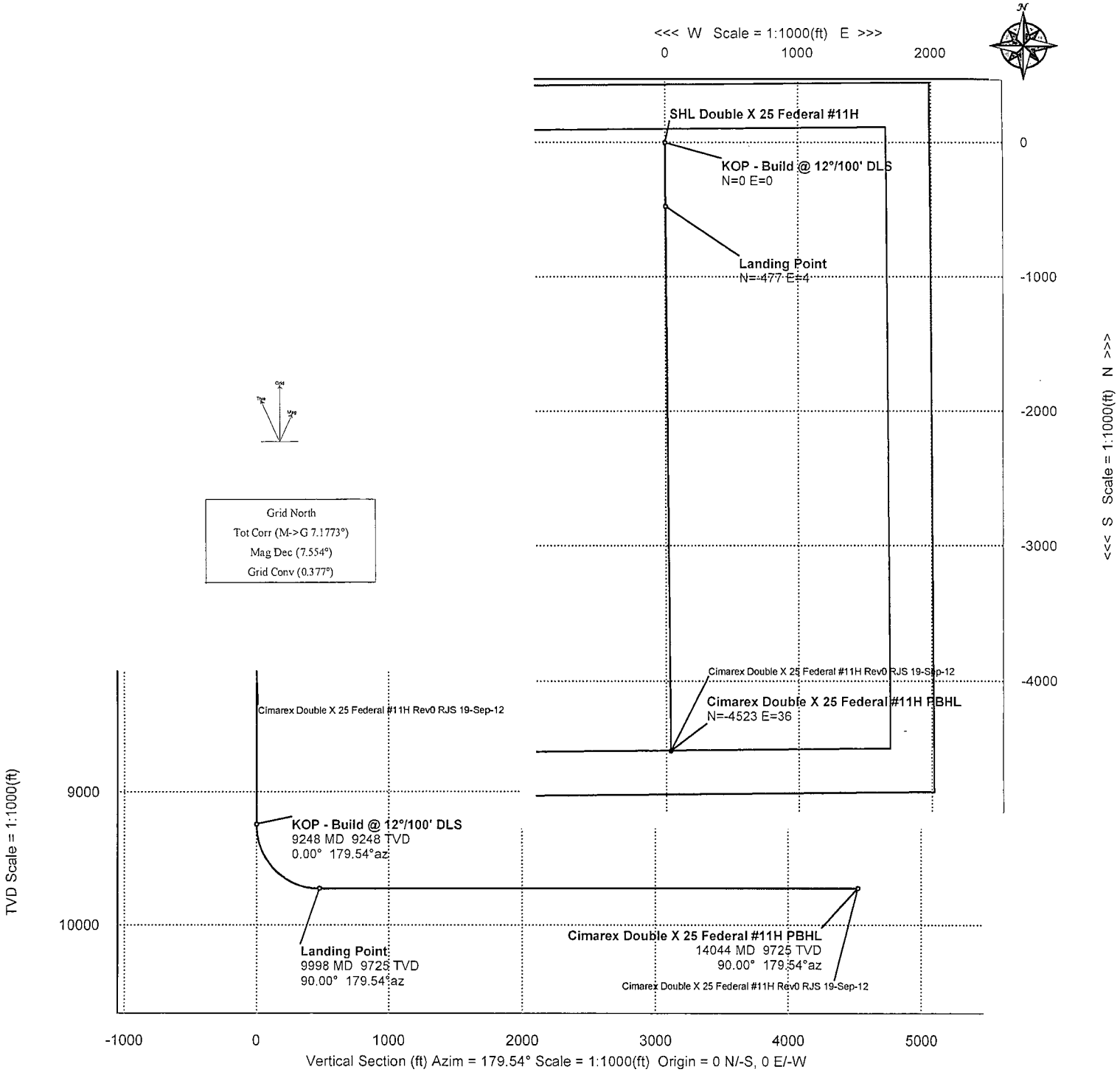
CIMAREX ENERGY CO.

Cimarex

PATHFINDER
A Schlumberger Company

WELL	FIELD	STRUCTURE
Double X 25 Federal #11H	NM Lea County	TBD

Magnetic Parameters				Surface Location				NAD83 New Mexico State Plane, Eastern Zone, US Feet			Miscellaneous			
Model: BGGM 2012	Dip: 60.080°	Date: September 19, 2012		Lat: N 32 11 41.108	Northing: 435304.40 ftUS	Grid Conv: 0.377°					Slot: Double X 25 Federal #11H	TVD Ref: Ground Level(3565ft above MSL)		
	Mag Dec: 7.554°	FS: 48455.7nT		Lon: W 103 37 34.457	Easting: 760066.40 ftUS	Scale Fact: 0.99996389					Plan: Rev0 RJS 19-Sep-12	Srvy Date: September 19, 2012		



Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+) / S(-)	E(+) / W(-)	DLS
SHL Double X 25 Federal #11H	0.00	0.00	179.54	0.00	0.00	0.00	0.00	
KOP - Build @ 12°/100' DLS	9247.50	0.00	179.54	9247.50	0.00	0.00	0.00	0.00
Landing Point	9997.56	90.00	179.54	9725.00	477.50	-477.48	3.80	12.00
Cimarex Double X 25 Federal #11H PBHL	14043.67	90.00	179.54	9725.00	4523.62	-4523.47	36.00	0.00

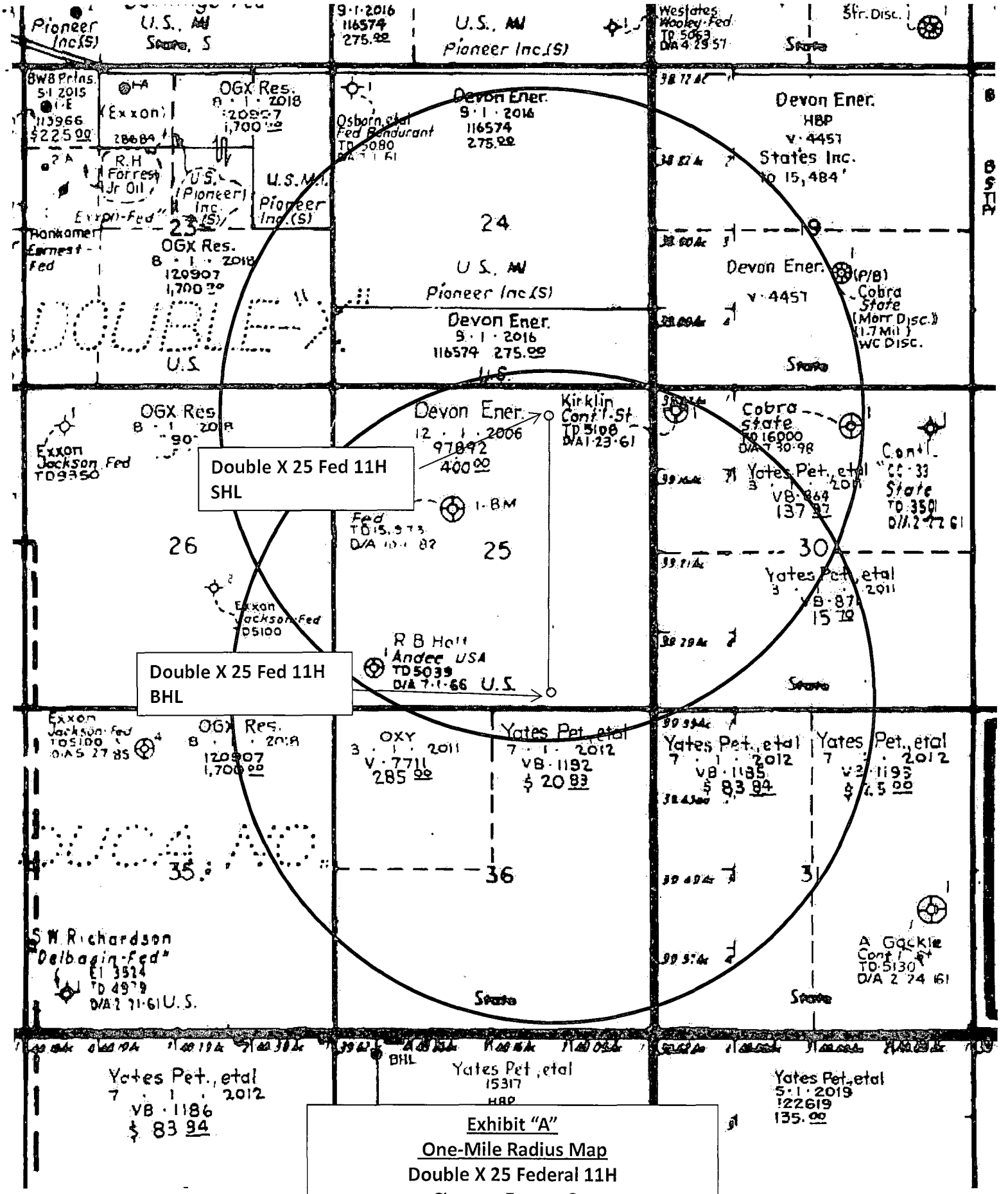


Exhibit "A"

One-Mile Radius Map

Double X 25 Federal 11H

Cimarex Energy Co.

25-24S-32E

SHL 430' FNL & 1990' FEL

BHL 330' FSL & 1980' FEL

Lea County, NM