

HOBBS OCD

JUN 09 2014

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-8181 Fax: (575) 393-8720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 748-8720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

RECEIVED OIL

CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025- 41899	Pool Code 97784	Pool Name WC-025 6-06 5253201M; AS UP STAGE
Property Code 39348	Property Name DOUBLE X 25 FEDERAL	Well Number 10H
OGRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3573'

Surface Location

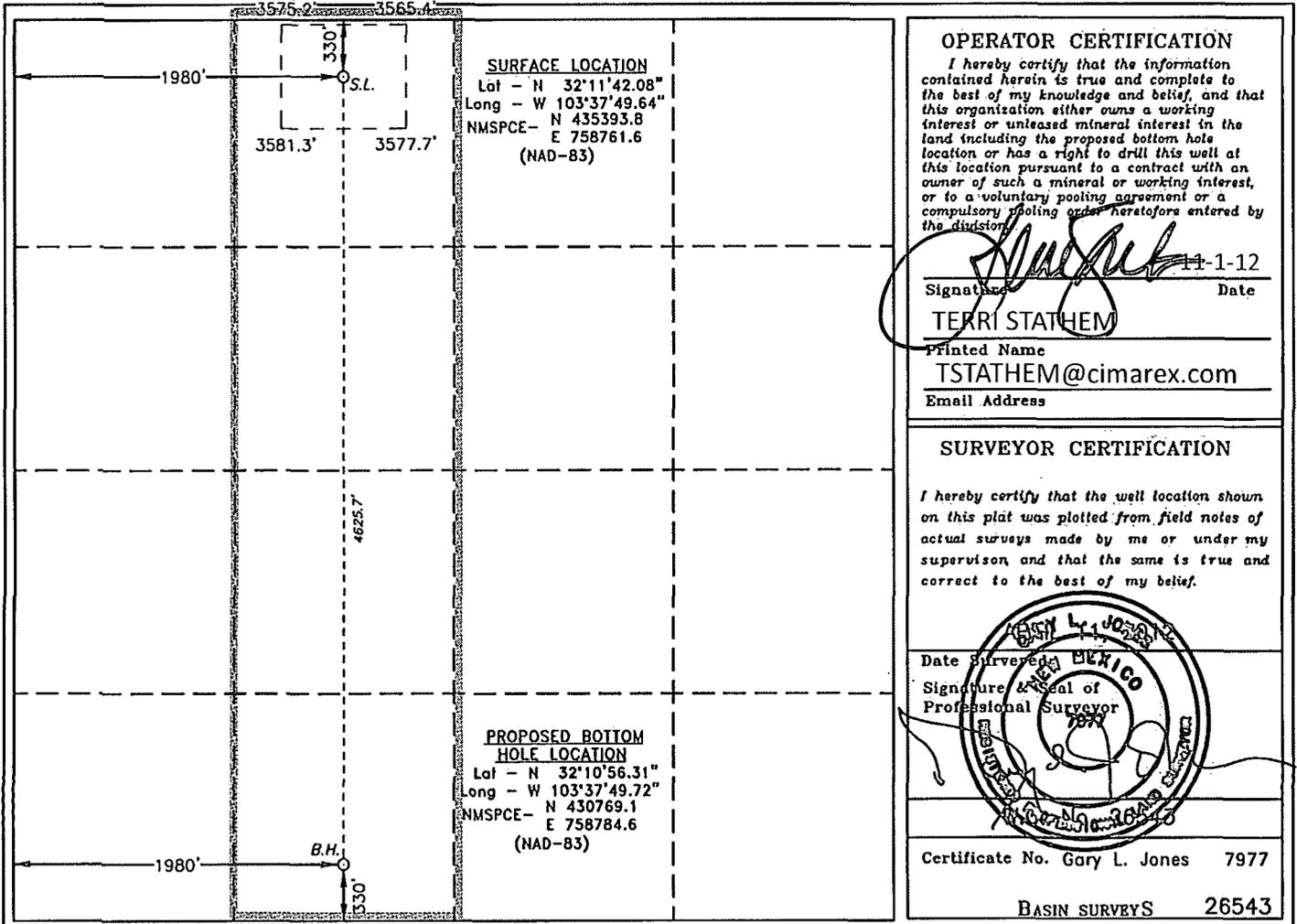
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	24 S	32 E		330	NORTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	25	24 S	32 E		330	SOUTH	1980	WEST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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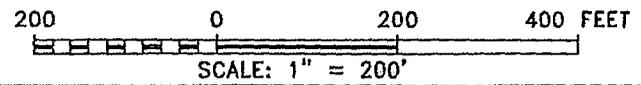
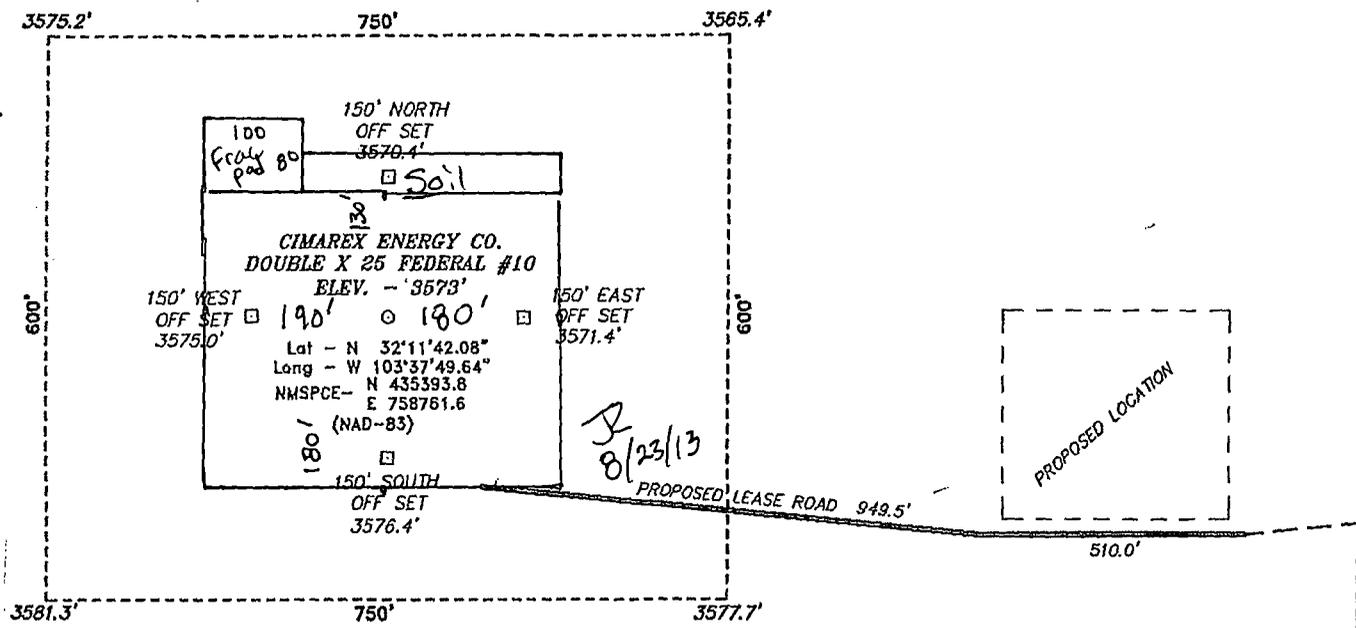
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



JUN 09 2014

JM

SECTION 25, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



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.

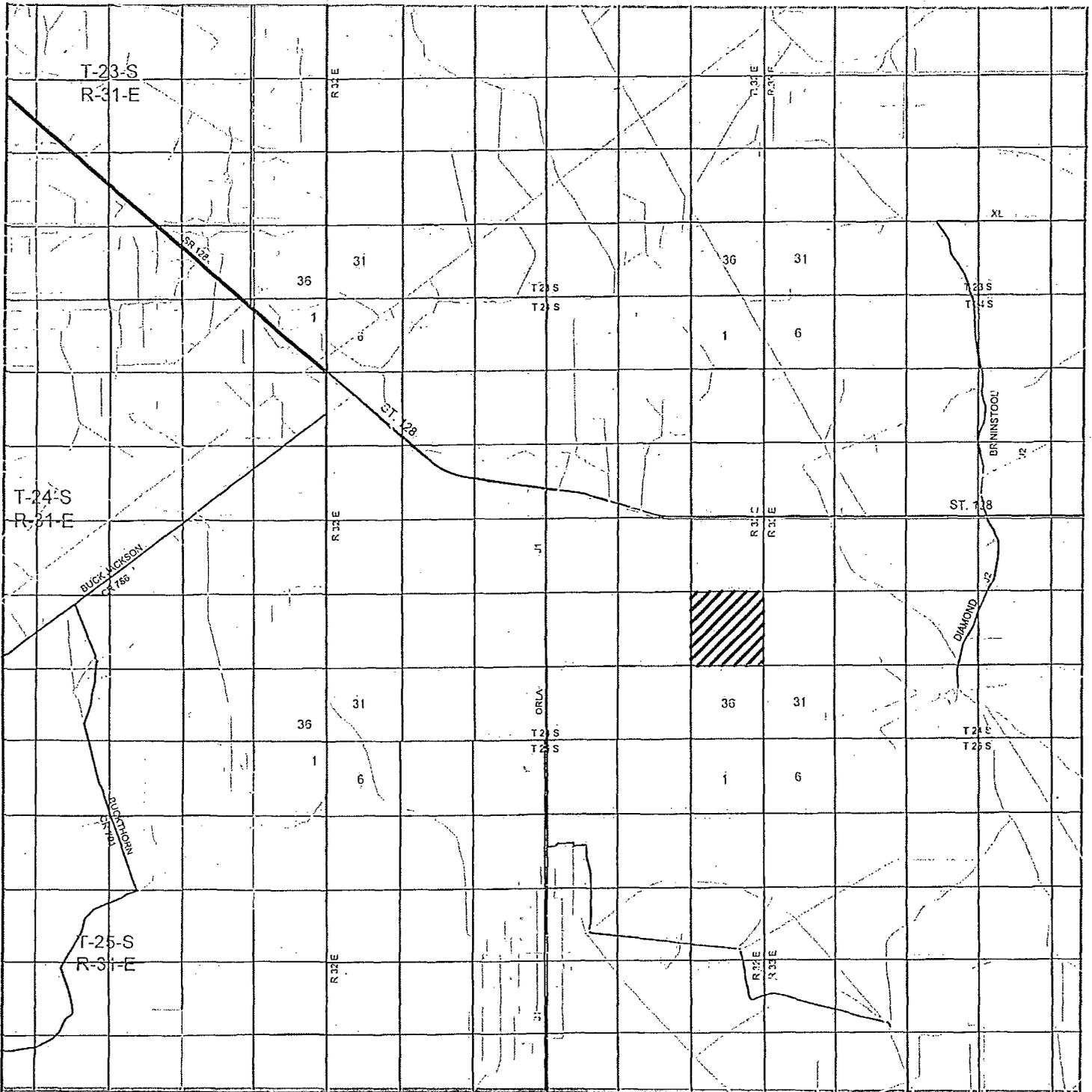
CIMAREX ENERGY CO.	
REF: DOUBLE X 25 FEDERAL #10 / WELL PAD TOPO	
THE DOUBLE X 25 FEDERAL #10 LOCATED 330'	
FROM THE NORTH LINE AND 1980' FROM THE WEST LINE OF	
SECTION 25, TOWNSHIP 24 SOUTH, RANGE 32 EAST,	
N.M.P.M., LEA COUNTY, NEW MEXICO.	

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

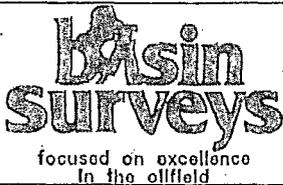
W.O. Number: 26543 Drawn By: J. SMALL

Date: 04-12-2012 Disk: JMS 26543

Survey Date: 04-11-2012 Sheet 1 of 1 Sheets



DOUBLE X 25 FEDERAL #10#
 Located 330' FNL and 1980' FWL
 Section 25, Township 24 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

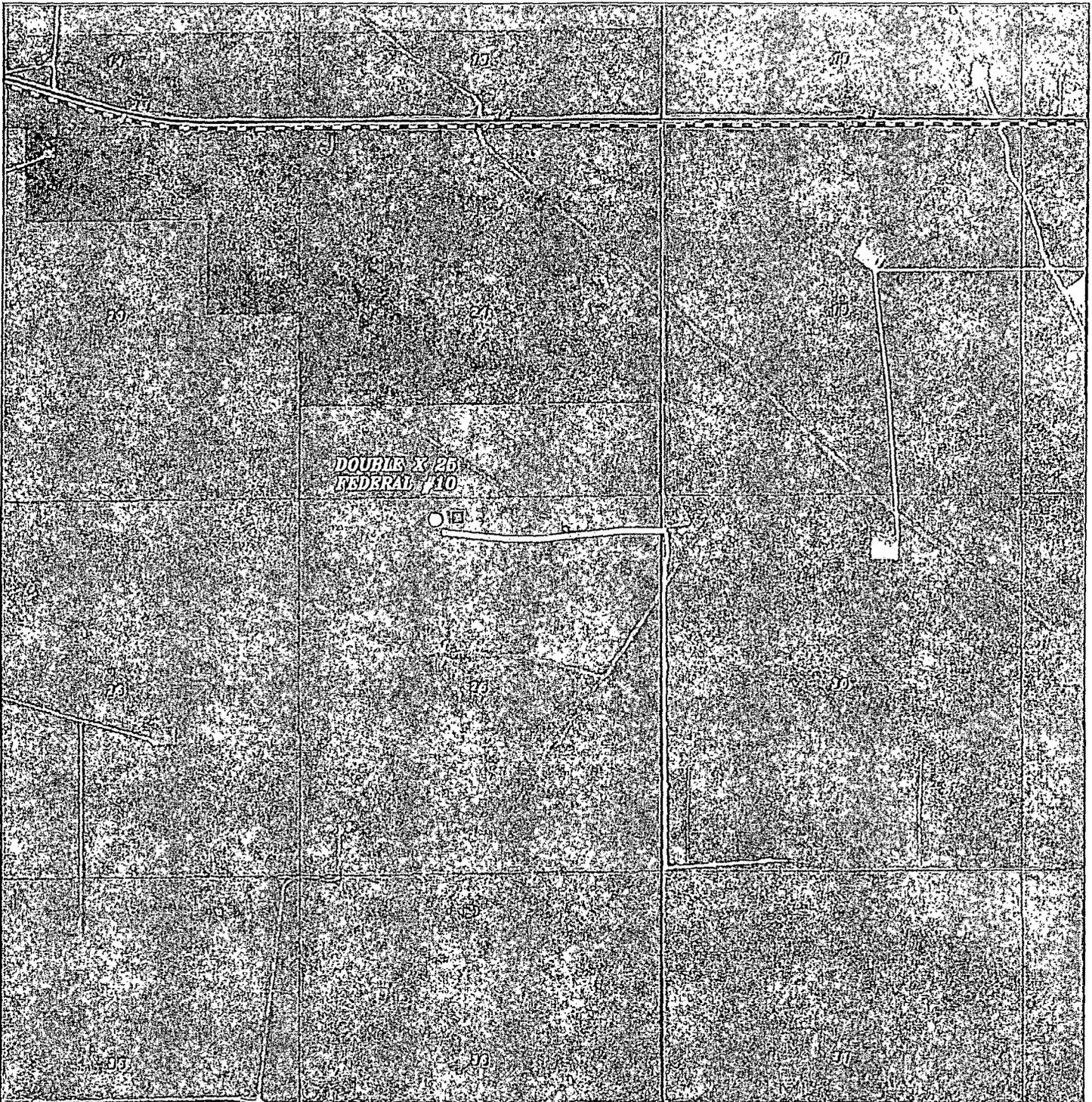
W.O. Number: JMS 26543

Survey Date: 04-11-2012

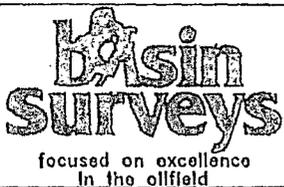
Scale: 1" = 2 Miles

Date: 04-12-2012

CIMAREX
 ENERGY CO.



DOUBLE X 25 FEDERAL #10 ■ Tank Battery
 Located 330' FNL and 1980' FWL
 Section 25, Township 24 South, Range 32 East,
 N.M.P.M., Lea County, New Mexico.



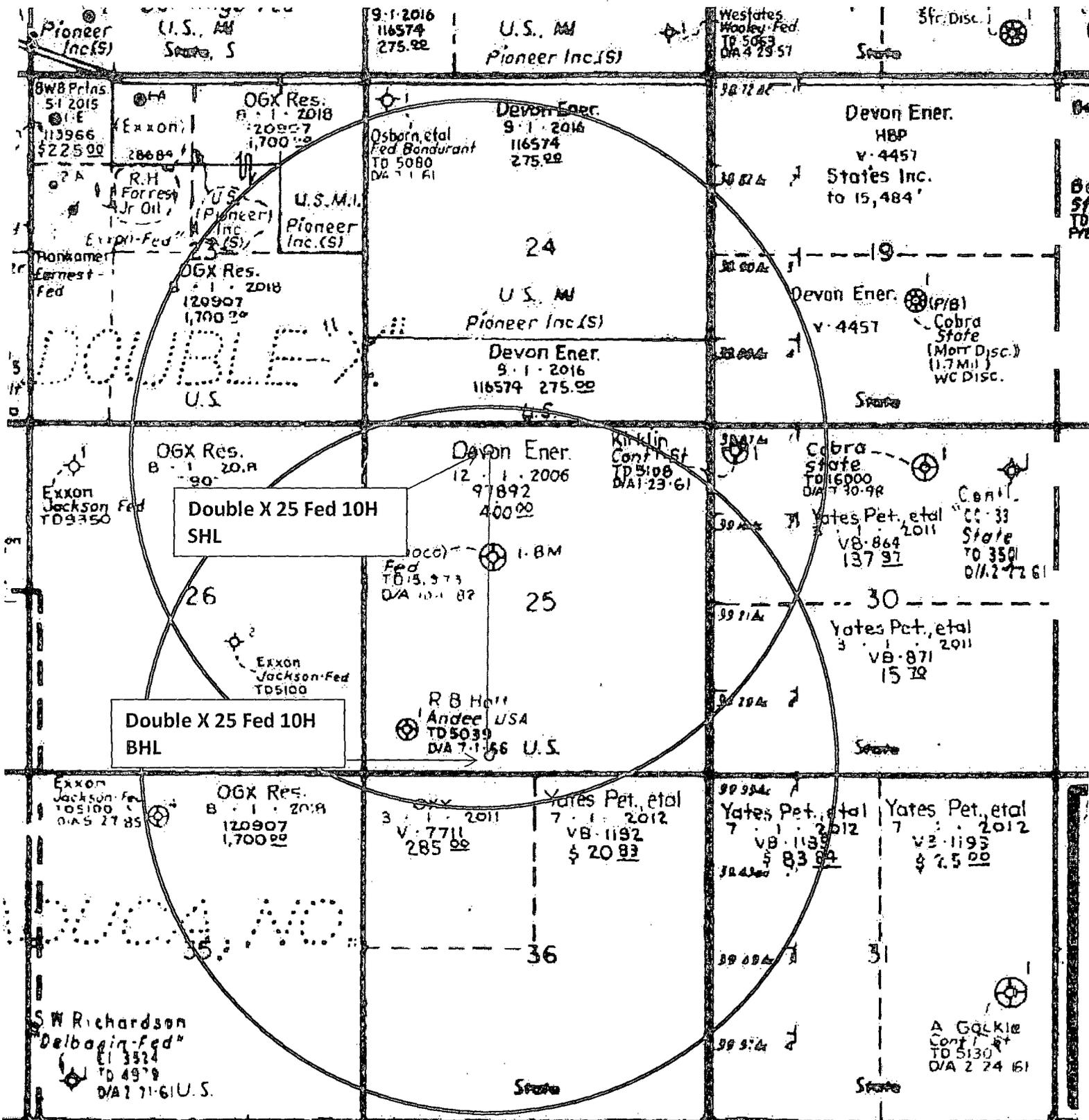
P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com

W.O. Number: JMS 26543

Scale: 1" = 2000'

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

CIMAREX
 ENERGY CO.



Double X 25 Fed 10H
SHL

Double X 25 Fed 10H
BHL

Exhibit "A"
One-Mile Radius Map
Double X 25 Federal 10H
 Cimarex Energy Co.
 25-245-32E
 SHL 330' FNL & 1980' FWL
 BHL 330' FSL & 1980' FWL
 Lea County, NM

Drilling Plan
Double X 25 Federal No. 10H
 Cimarex Energy Co.
 Unit C, Section 25
 T24S-R32E, Lea County, NM

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

- 1 **Location:** SHL 330 FNL & 1980 FWL
 BHL 330 FSL & 1980 FWL

- 2 **Elevation above sea level:** 3573' GR

- 3 **Geologic name of surface formation:** Quaternary Alluvium Deposits

- 4 **Drilling tools and associated equipment:** Conventional rotary drilling rig using fluid as a circulating medium for solids removal.

- 5 **Proposed drilling depth:** MD 14145' TVD 9725'

- 6 **Estimated tops of geological markers:**

Groud water per OSE	100'	Avalon	9275'	Hydrocarbons
Rustler	1080'			
Top of Salt	1400'			
Castile	3400'			
Base of Salt	4680'			
Bell Canyon	4990'	Hydrocarbons		
Cherry Canyon	7480'			
Brushy Canyon	8660'			
Basal Brushy Canyon	8660'	Hydrocarbons		
Bone Spring	8900'			

- 7 **Possible mineral bearing formations:**
 See above

8 **Proposed Mud Circulating System:**

Depth	Mud Wt	Visc	Fluid Loss	Type Mud
0' to 1195'	8.4 - 8.6	28	NC	FW
1195' to 4900'	10.0	30-32	NC	Brine
4900' to 9248'	8.4-9.0	28-29	NC	FW and brine, use hi-vis sweeps to keep hole clean
9248' to 14145'	8.5-9.5	27-45	NC	2% KCL

Sufficient mud materials will be kept on location at all times in order to combat lost circulation or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs.

Proposed drilling Plan

Set surface and intermediate string. Drill 7 7/8" or 8 3/4" hole to KOP @ 9248' and log. Continue drilling lateral through the curve to TD @ 14145' MD, 9725' TVD. Run 5 1/2" casing and cement per program.