

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-30523		² Pool Code 41540		³ Pool Name Lusk (Delaware) West	
⁴ Property Code 315249		⁵ Property Name Lusk West-Delaware Unit Federal A			⁶ Well Number 2-17
⁷ OGRID No. 20595		⁸ Operator Name Shackelford Oil Company			⁹ Elevation 3582

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	19S	32E		335	North	1656	East	Lea

¹¹ 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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

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.

¹⁶ 	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Barry W. Hunt</i> Date: 4/18/16 Printed Name: Barry W. HUNT</p> <p>E-mail Address:</p>
	<p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>4-29-14 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Casey K. Hunter</i></p> <p>Certificate Number: 21207</p>

Exhibit A

Lusk Federal #2-A

Access

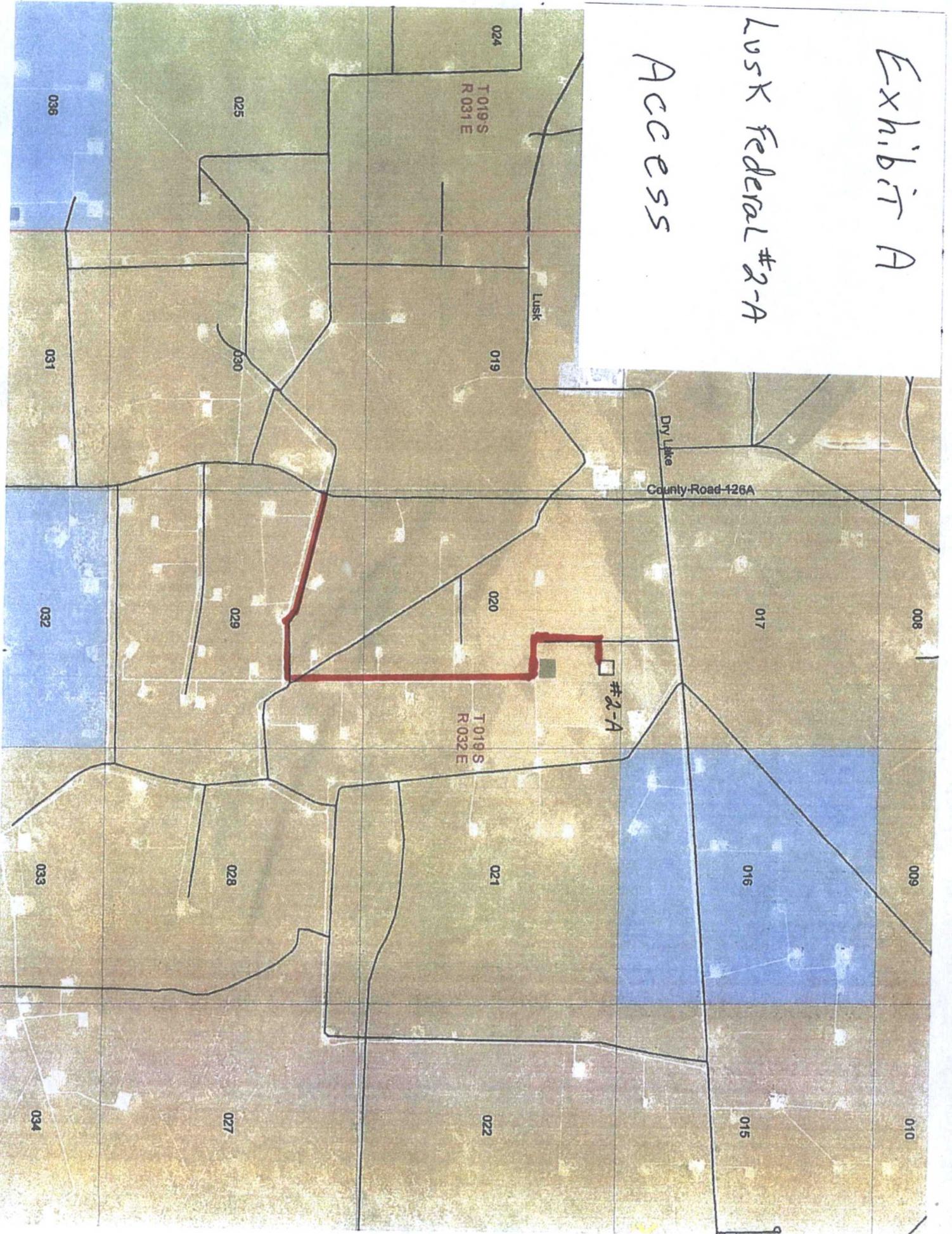
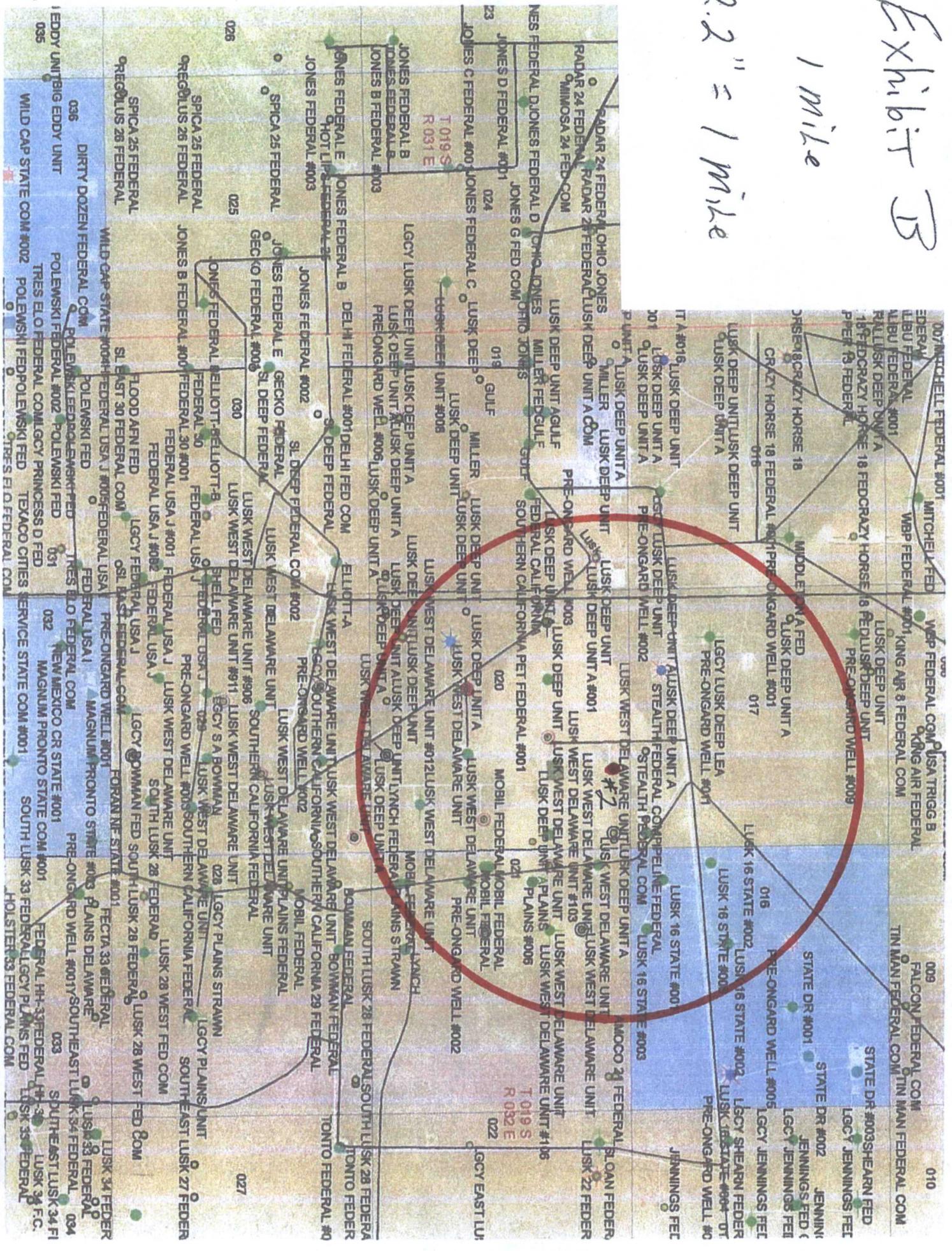


Exhibit B

1 mile

2.2" = 1 mile



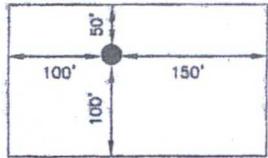
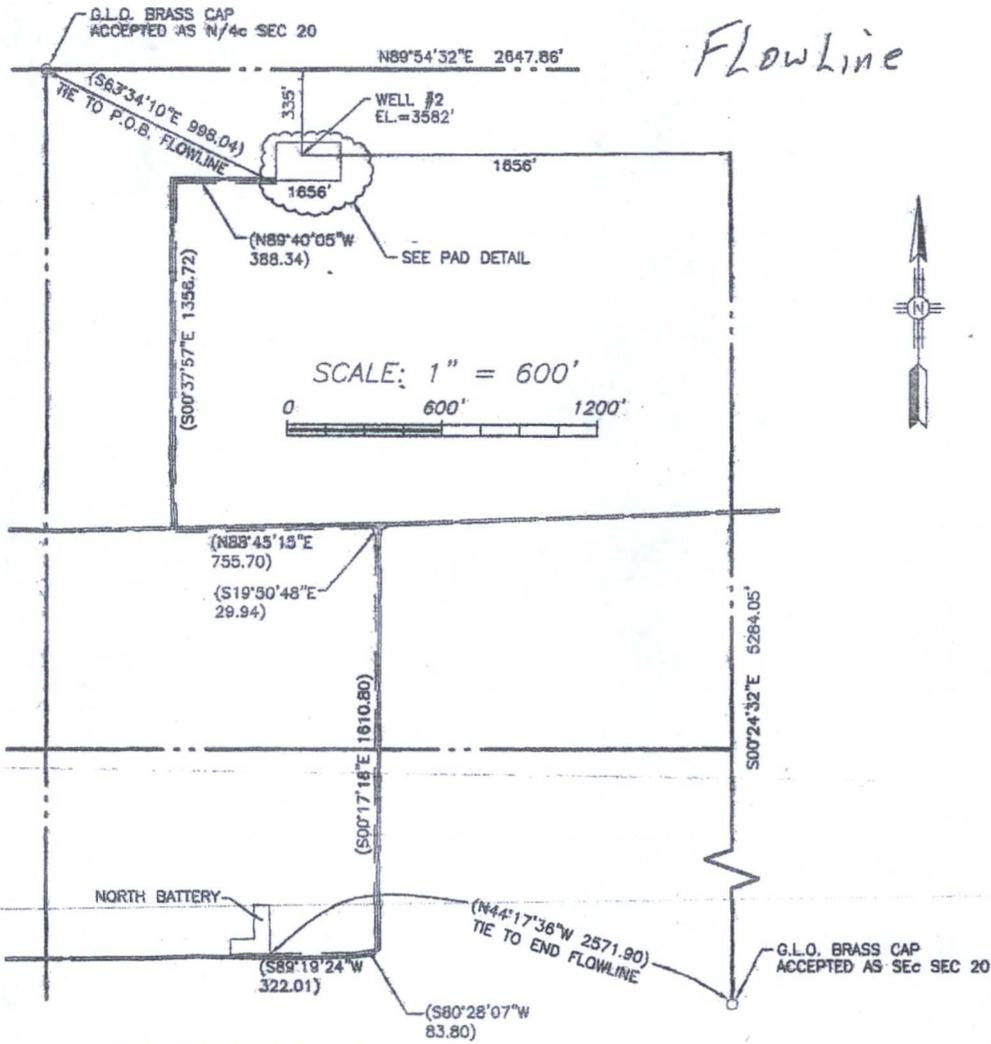
Federal
LUSK WEST DELAWARE UNIT #2-A

335'FNL 1656'FEL, SECTION 20-T19S-R32E, N.M.P.M.

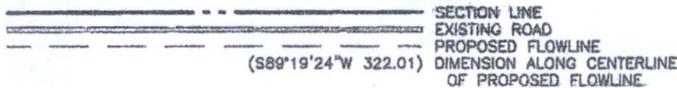
LEA COUNTY

Exhibit E

Flowline



LEGEND



NOTE:

BEARINGS BASED UPON STATE PLANE COORDINATE SYSTEM, NAD 83, GRID ZONE EAST. DISTANCES SHOWN ARE MEASURED GROUND DISTANCES, COMBINED SCALE FACTOR = .99976962.

SURVEYOR'S CERTIFICATE

I, CASEY K. HUNTER, NEW MEXICO PROFESSIONAL SURVEYOR No.21207, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

05/13/2014
 DATE:
 CASEY K. HUNTER, P.S. NO. 21207
 401 N. PENNSYLVANIA AVE.
 ROSWELL, NEW MEXICO 88201
 DATE OF SURVEY: 04/29/2014

**SOLUTIONS FOR TODAY...
VISION FOR TOMORROW**

401 Pennsylvania
 Roswell, NM 88201
 Phone: (575) 622-8066
 Fax: (575) 623-3881

NEW MEXICO TEXAS

R:\SEC-----PROJECTS\314311 Shockelford Reentry Wells April 2014\CADD\Site Plans.dwg May 13, 2014 - 1:59pm Soyed By: michoeld

Exhibit F

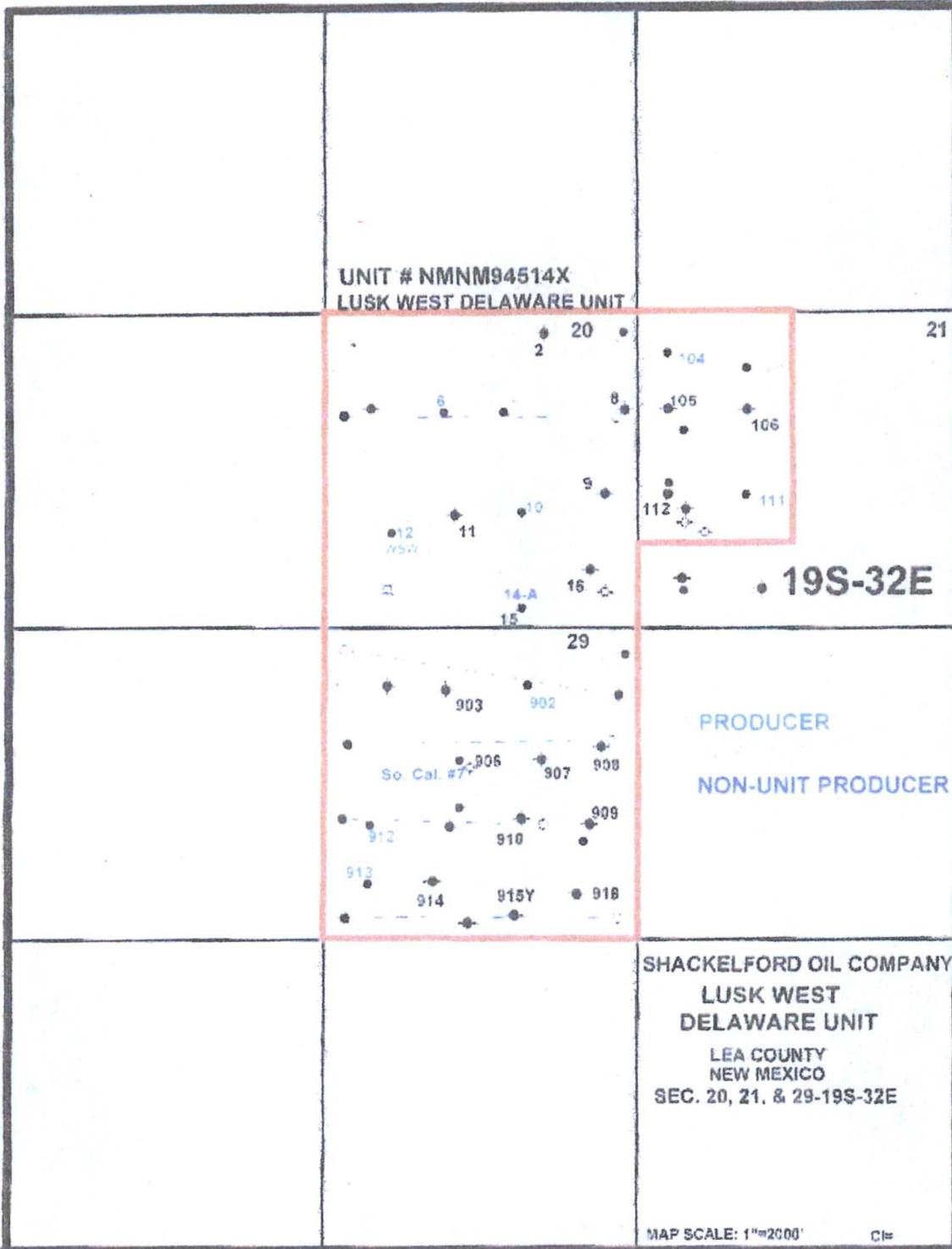
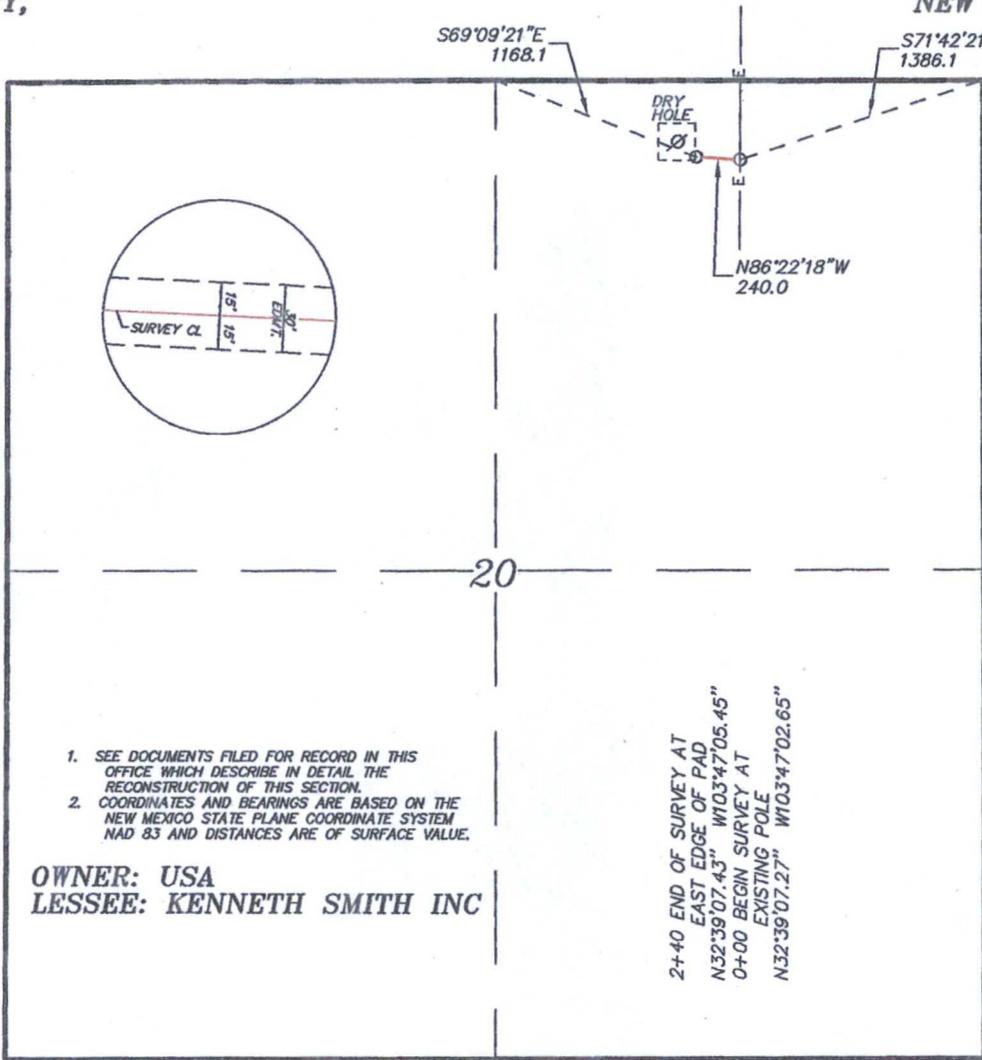


Exhibit G

**SECTION 20, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO.**



1. SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE WHICH DESCRIBE IN DETAIL THE RECONSTRUCTION OF THIS SECTION.
2. COORDINATES AND BEARINGS ARE BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM NAD 83 AND DISTANCES ARE OF SURFACE VALUE.

**OWNER: USA
LESSEE: KENNETH SMITH INC**

2+40 END OF SURVEY AT
EAST EDGE OF PAD
N32°39'07.43" W103°47'05.45"
0+00 BEGIN SURVEY AT
EXISTING POLE
N32°39'07.27" W103°47'02.65"

LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 20, TOWNSHIP 19 SOUTH, RANGE 32 EAST N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

240.0 FEET = 0.05 MILES = 14.55 RODS = 0.17 ACRES

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

Gary L. Jones

 GARY L. JONES, P.S. No. 7977
 LEA Co. No. 5074

1000 0 1000 2000 FEET

SHACKELFORD OIL CO.

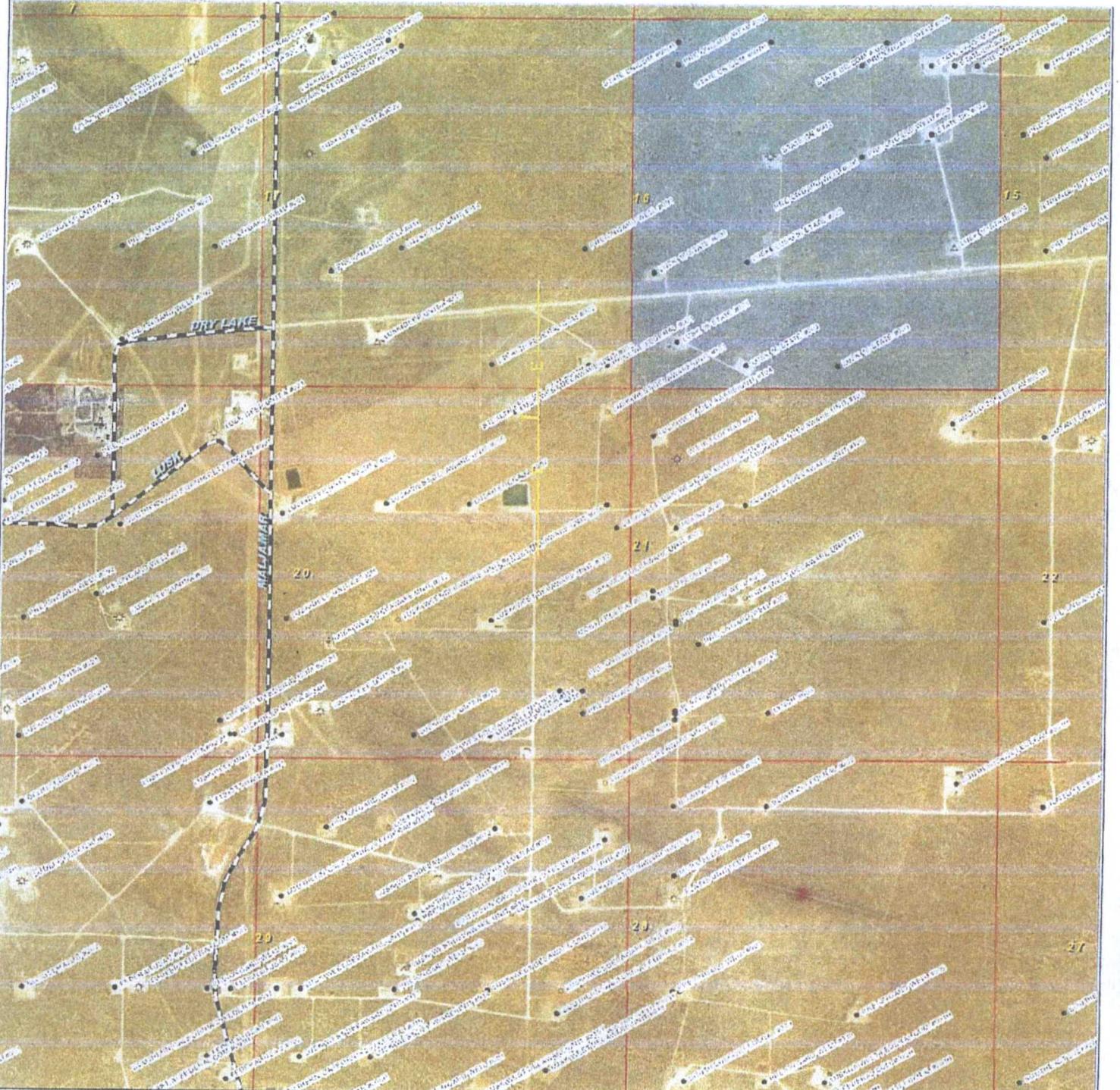
REF: PROPOSED LUSK WEST DELAWARE UNIT #2A ELECTRIC LINE

AN ELECTRIC LINE LOCATED ON USA LAND IN
SECTION 20, 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 (575) 393-7316 - Office
 1120 N. West County Rd. (575) 392-2206 - Fax
 Hobbs, New Mexico 88241 basin-surveys.com

16



PROPOSED LUSK ~~WEST DELAWARE~~ ^{Federal} UNIT #2A ELECTRIC LINE
 Section 20, 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
 basin-surveys.com

0' 1000' 2000' 3000' 4000'
 SCALE: 1" = 2000'

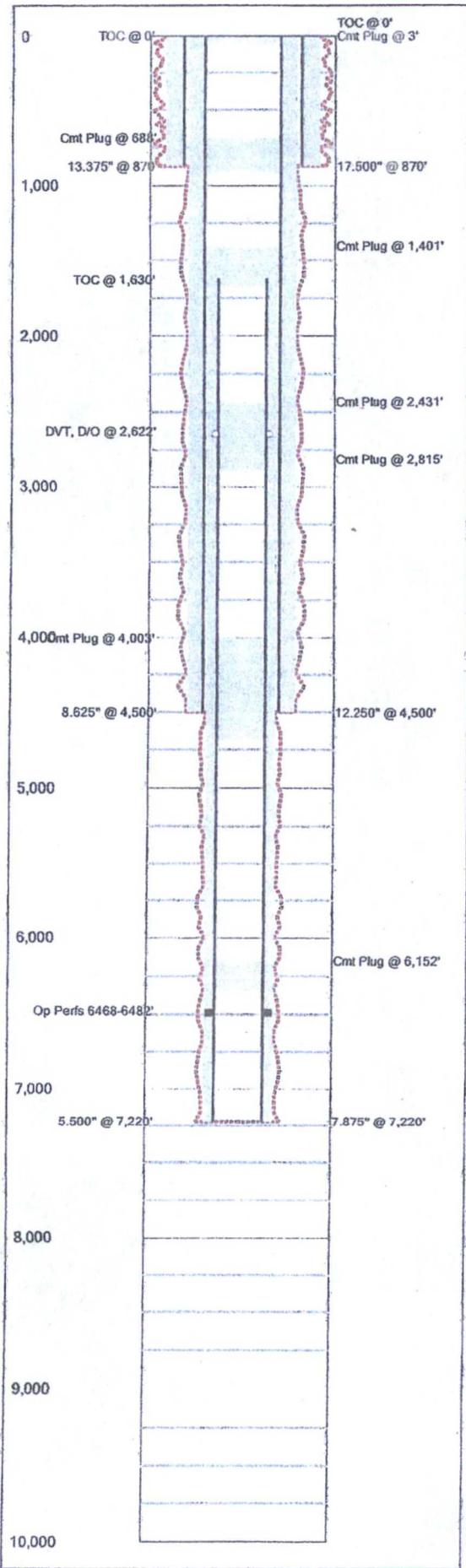
W.O. Number: JG 32190
 Survey Date: 2-16-2016

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

**SHACKELFORD
 OIL CO.**

Existing

Last Updated: 4/4/2016 01:50 PM



Field Name		Lease Name		Well No.
Lusk West Delaware		Lusk West Delaware Unit		2
County		State	API No.	
Lea		New Mexico	30025305230000	
Version		Version Tag		
1		PRESENT		
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
3,588.0	3,597.6	20	16S	32E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company		Plugged		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
330	FNL	1656	FEL	
Prop Num	Spud Date	Comp. Date		
	1/10/1990	3/18/1990		
Additional Information				
POTENTIAL RE-ENTRY, PRESENT				
Other 1	Other 2	Other 3	Other 4	
Prepared By	Updated By	Last Updated		
Shackelford	Shackelford	4/4/2016 1:50 PM		

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
1/28/1990	17.500	0	870	
2/5/1990	12.250	870	4,500	
2/26/1990	7.875	4,500	7,220	

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
12/8/1990	Surface Casing	13.375	54.50	K-55	0	870
2/5/1990	Intermediate Casing	8.625	24.00	J-55	0	4,500
2/26/1990	Production Casing	5.500	15.50	J-55	1,622	7,220

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	12/8/1990	1,000	13.375	0	870	CEMENTED W/ CLASS C, 2% CACL, 1.32 YIELD CIRC. 218 SKS TO SURFACE
	2/5/1990	3,230	8.625	0	4,500	CEMENTED W/550 SX CLASS C, 2.69 YIELD, TAIL W/150 SX CLASS C NEAT, 1.37 YIELD. CEMENTED 2ND STAGE (DC TOOL @ 2622) W/1000 SX, 1.51 YIELD, 850 SX CLASS C, 3.02 YIELD, 150 SX CLASS H, YIELD 1.61, RAN TEMP SURVEY TOC 2310'. 1" SPOT 100 SX CLASS C, SPOT 100 SX CLASS C, SPOT 130 SX CLASS C, CEMENT 200 SX CLASS C CIRC. 35 SX TO SURFACE
	2/10/1990	900	5.500	1,630	7,220	CEMENTED W/600 SX CLASS C 65/35 POZ, 1.59 YIELD. 300 SX CLASS C 1.32 YIELD

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
2/5/1990	DVT, D/O	5.500	0.000	2,622	0

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
12/7/2010	20	8.625	3	63	PLUGGED 12/07/2010
12/6/2010	60	8.625	688	920	
12/4/2010	35	8.625	1,401	1,685	
12/4/2010	45	5.500	2,431	2,815	
12/3/2010	45	5.500	2,815	2,900	DID NOT TAG PLUG ON 1ST ATTEMPT AT THIS PLUG
12/2/2010	25	5.500	4,003	4,692	
12/2/2010	25	5.500	6,152	6,352	

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
	2/23/1990	Open	Delware	6,488	6,482	52