





# Exhibit A

Lusk Federal #2-A

Access

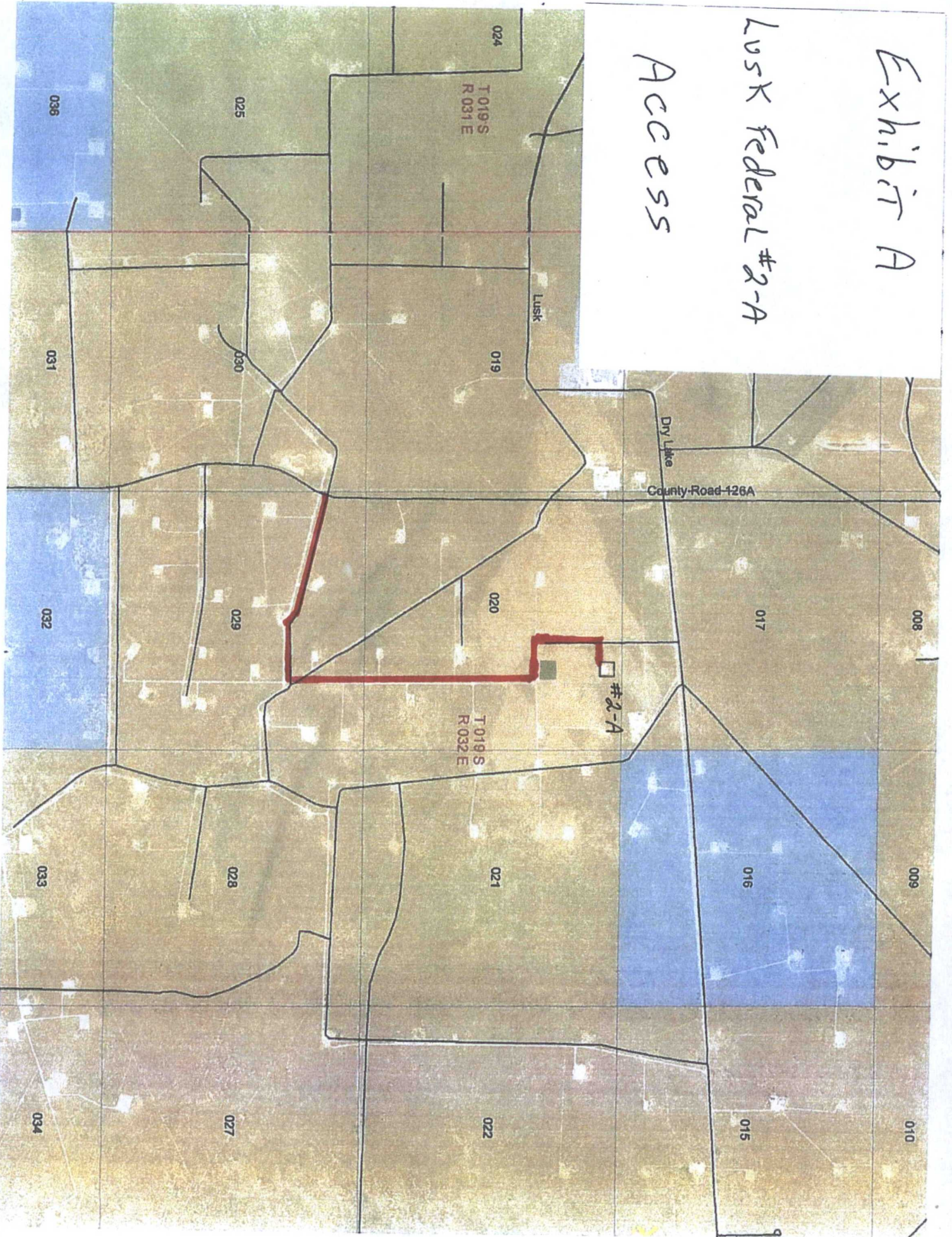
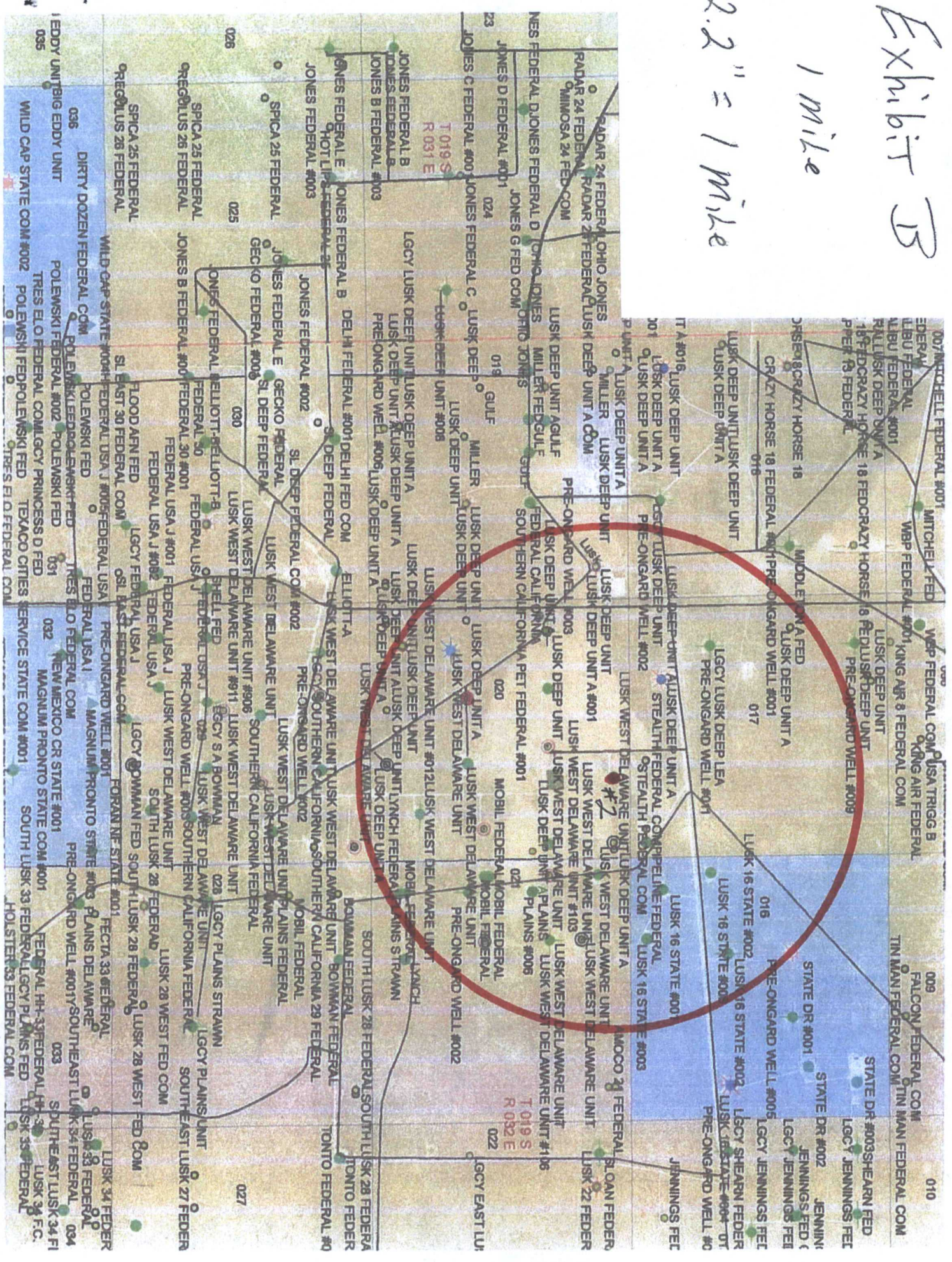




Exhibit B

1 mile

2.2" = 1 mile





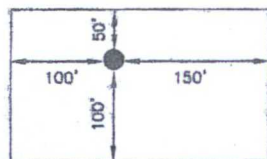
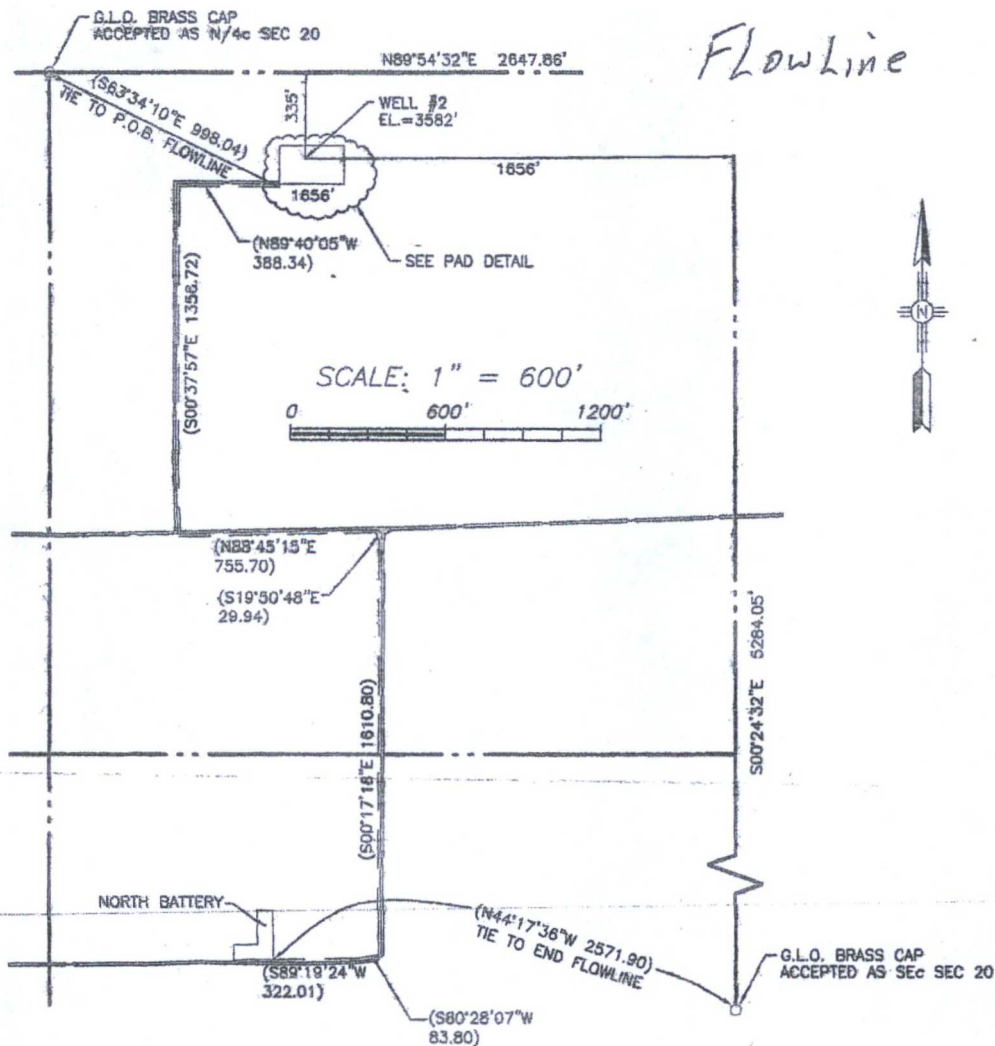
# *Federal* **LUSK WEST DELAWARE UNIT #2-A**

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

LEA COUNTY

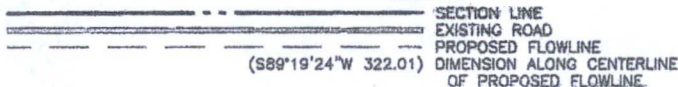
*Exhibit E*

*Flowline*



PAD DETAIL  
NOT TO SCALE

## **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.

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

05/13/2014  
 DATE:



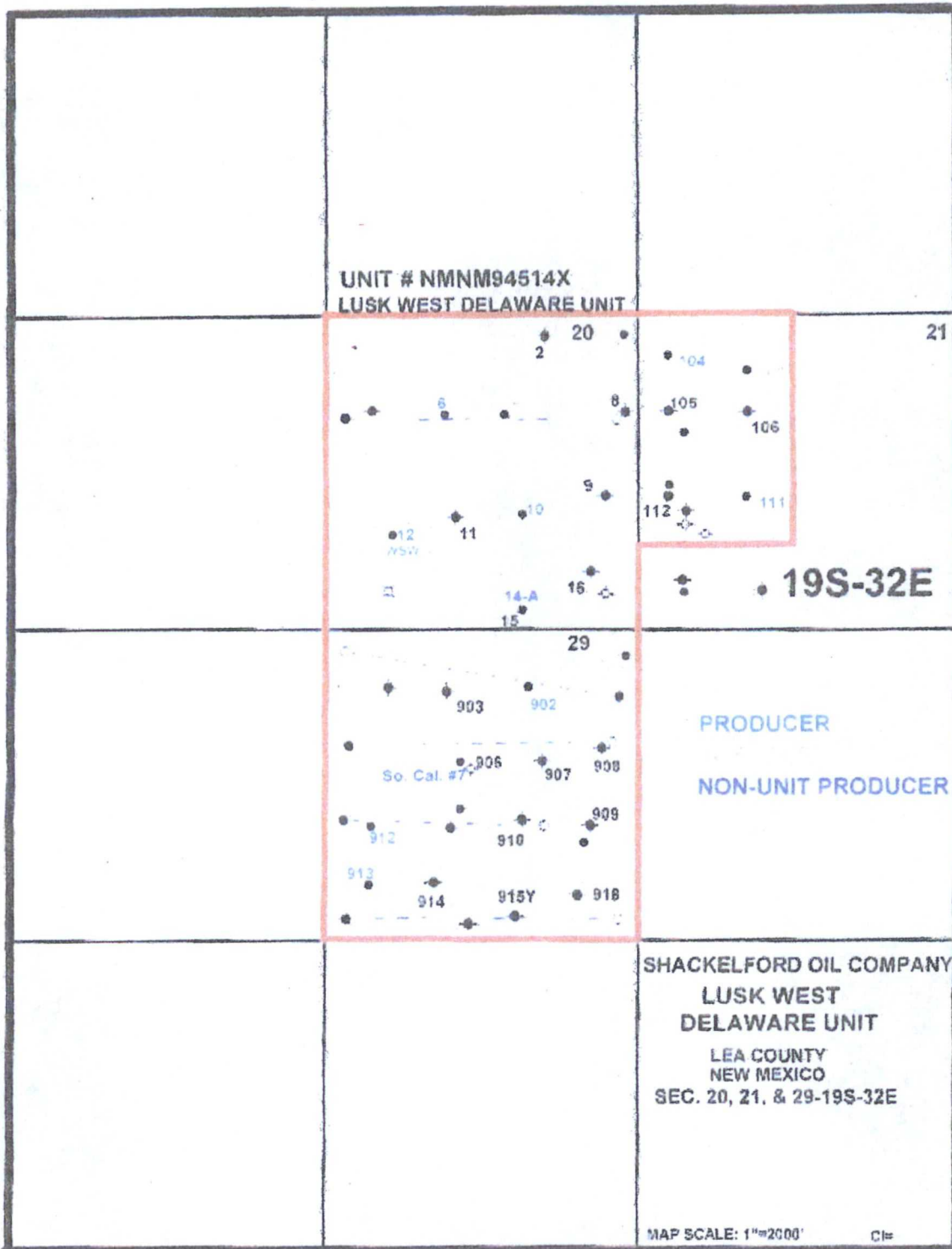
**SOLUTIONS FOR TODAY...  
 VISION FOR TOMORROW**

401 Pennsylvania  
 Roswell, NM 88201  
 Phone: (575) 622-8866  
 Fax: (575) 623-3881

TEXAS

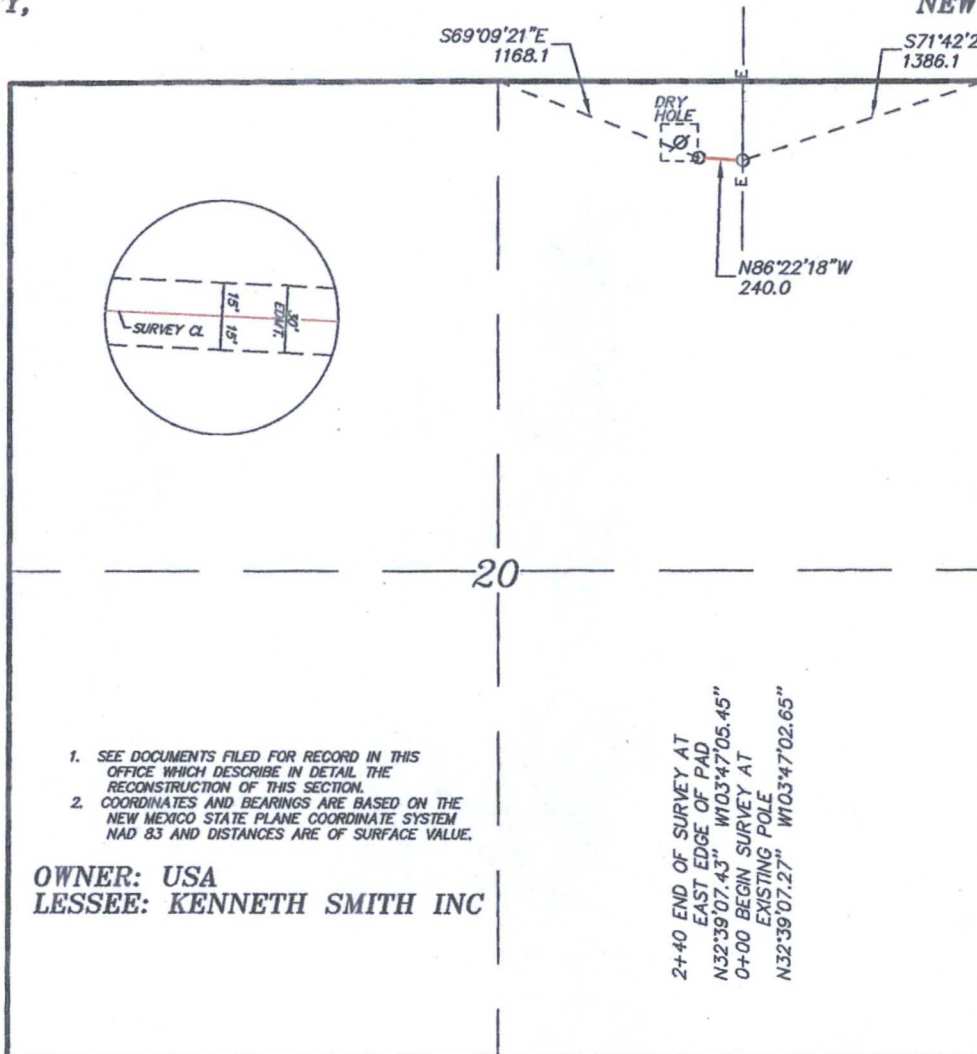


# Exhibit F



# Exhibit G

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



## 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

No. 7977  
No. 5074

1000 0 1000 2000 FEET

SHACKELFORD OIL CO.

REF: PROPOSED LUSK WEST DELAWARE UNIT #29 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  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

W.O. Number: 32190

Drawn By: J GOAD

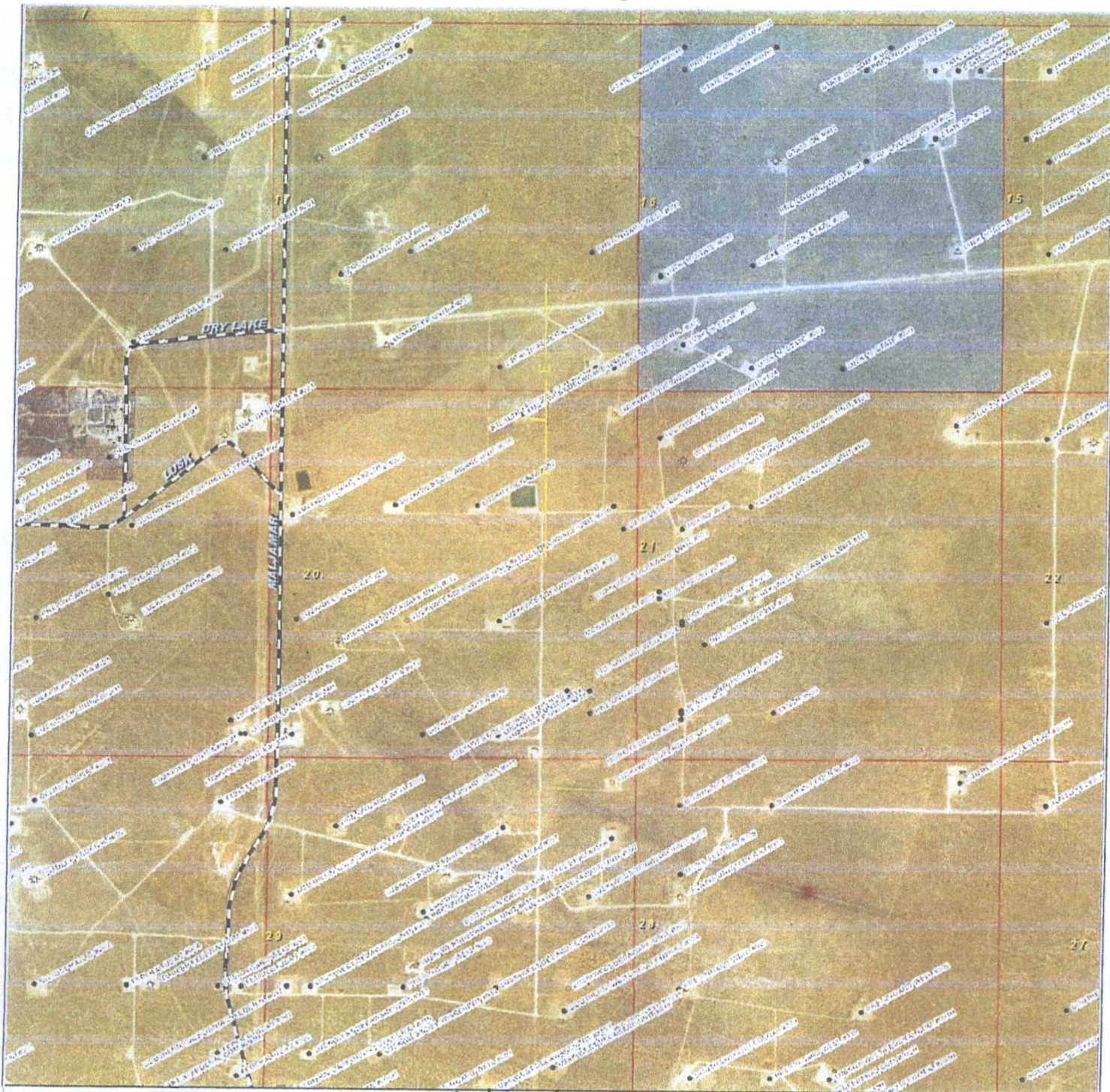
Date: 2-17-2016

Survey Date: 2-16-2016

Sheet 1 of 1 Sheets



16



**PROPOSED LUSK ~~WEST DELAWARE~~ <sup>Federal</sup> 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  
basinsurveys.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

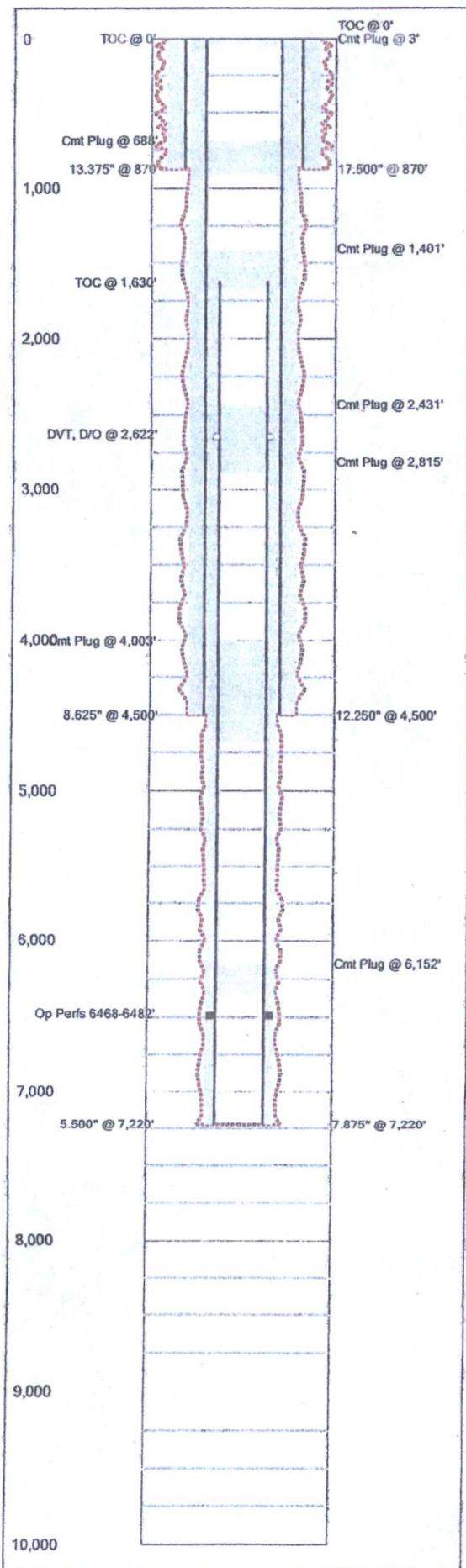


**SHACKELFORD**  
**OIL CO.**



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	

## Hole Summary

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	

## Tubular Summary

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

## Casing Cement Summary

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

## Tools/Problems Summary

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

## Cement Plug Summary

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	

## Perforation Summary

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