

District I
1623 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		2 OGRID Number 17891 ✓ 3 API Number 30 - 025-37521
Property Code 301629	Property Name COTTON DRAW UNIT	Well No. 92 ✓
Proposed Pool 1 PADUCA-DELAWARE (49460) ✓		Proposed Pool 2

7 Surface Location

UL or lot no. A	Section 16	Township 25S-	Range 32E	Lot Idn	Feet from the 100'	North/South line NORTH	Feet from the 700'	East/West line EAST	County LEA
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8 Proposed 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
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Additional Well Information

Work Type Code N	Well Type Code O ✓	Cable/Rotary ROTARY	Lease Type Code S ✓	Ground Level Elevation 3450' ✓
Multiple NO	Proposed Depth 5000'	Formation DELAWARE	Contractor CAPSTAR	Spud Date WHEN APPROVED
Depth to Groundwater 290'		Distance from nearest fresh water well 2.5 Mi		Distance from nearest surface water None known
Pit: Liner: Synthetic ☒ 12 mils thick Clay ☐ Pit Volume: 18M bbls Drilling Method: Closed-Loop System ☐ Fresh Water ☒ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement Redi-mix	Estimated TOC
26"	20"	Conductor	40'		Surface
12 1/4"	8 5/8"	24#	600'	300 Sx	
7 7/8"	5 1/2"	15.5#	5000'	725 Sx	

Describe the proposed program. If this application is to DEEPEN or PLUGBACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. **Permit Expires 1 Year From Approval Date Unless Drilling Underway**

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 12 1/4" hole to 600'. Run and set 600' of 8 5/8" 24# J-55 ST&C casing. Cement with 150 Sx. of 65/35/6 Class "C" POZ/GEL, tail in with 150 Sx. of Class "C" cement + 2% CaCl, + 1/4# Flocele/Sx. circulate cement to surface.
3. Drill 7 7/8" hole to 5000'. Run and set 5000' of 5 1/2" 15.5# J-55 ST&C casing. Cement with 475 Sx. of Class "C" Light Weight cement + 5% Salt, Mixed at 12.9 PPG, tail in with 250 Sx. of Class "C" cement + 8# of Gilsonite/Sx. mixed at 14.1 PPG, cement volumes are calculated to circulate cement to surface.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☒ as a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

Printed name: Joe T. Janica
Agent

Title: OCT 20 2005 PETROLEUM ENGINEER

E-mail Address:

Date: 10/19/05

Phone: 505-391-8503

Conditions of Approval Attached ☐

DISTRICT I

1025 N. FRENCH DR., HOBBES, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30.025-37521	Pool Code 49460	Pool Name PADUCA-DELAWARE
Property Code 301629	Property Name COTTON DRAW UNIT	Well Number 92
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3450'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	25-S	32-E		100	NORTH	700	EAST	LEA

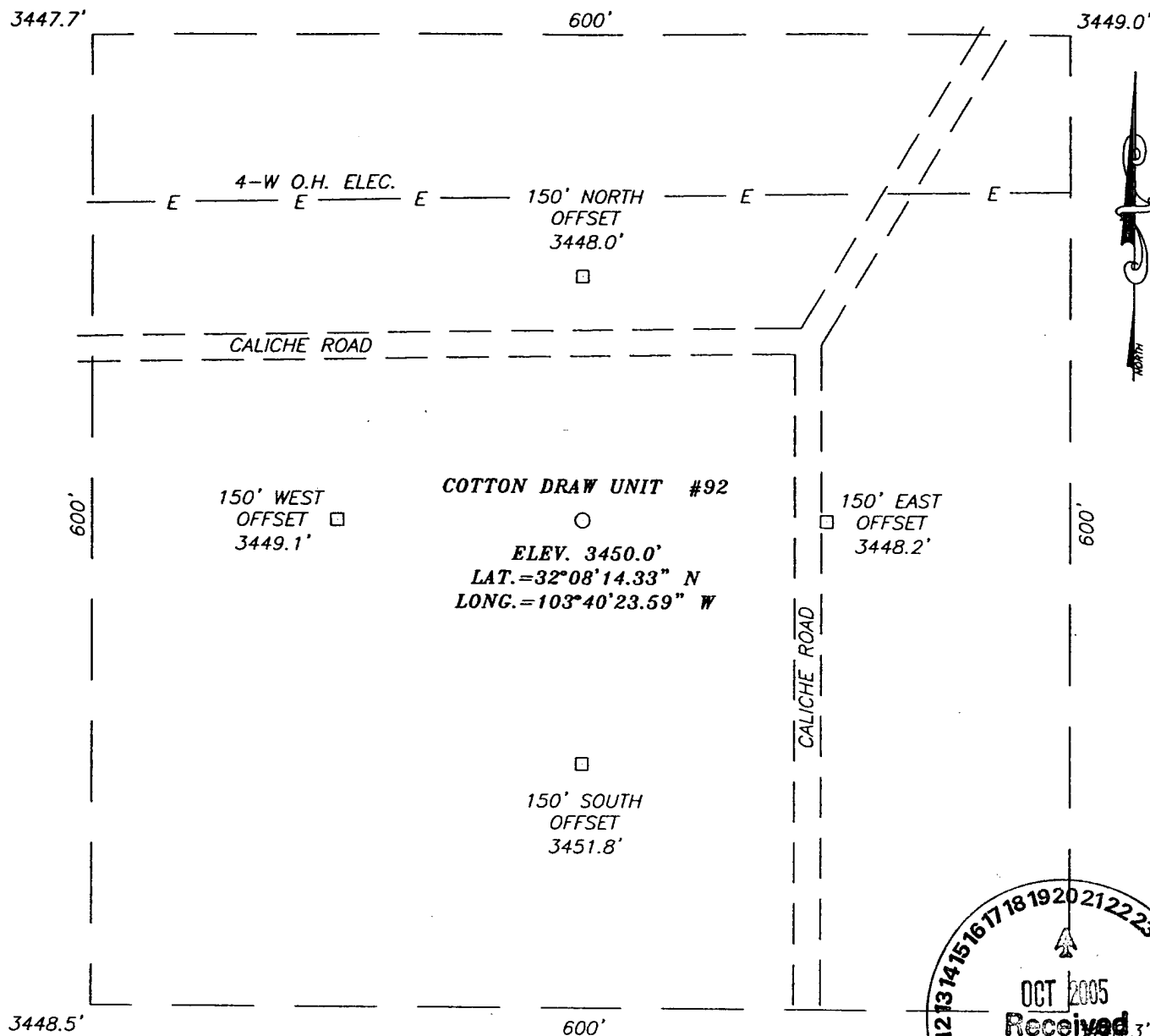
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

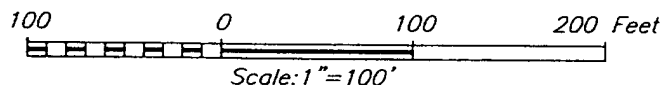
SECTION 9 SECTION 16 SECTION 10 SECTION 15 GEODETIC COORDINATES NAD 27 NME Y=414302.5 N X=704328.3 E LAT.=32°08'14.33" N LONG.=103°40'23.59" W	3447.7' 600' 3449.0' 600' 700' 3448.5' 3448.3'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Joe T. Janice</i> Signature Joe T. Janice Printed Name Agent Title 10/19/05 OCT 2005 Date Received 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. AUGUST 16, 2005 Date Surveyed GS <i>GARY EIDSON</i> Signature & Seal of Professional Surveyor NEW MEXICO 05.11.1201 Certification No. GARY EIDSON 12641
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SECTION 16, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #128 (JAL HWY.) AND LEA CO. RD. #1 (ORLA RD.) GO SOUTH ON ORLA RD. APPROX. 5.3 MILES. TURN RIGHT AND GO WEST APPROX. 0.1 MILES. FOLLOW ROAD LEFT AND GO SOUTHWEST APPROX. 0.1 MILES TO A TO A 3 WAY INTERSECTION. THIS LOCATION IS APPROX. 180 FEET SOUTHWEST.

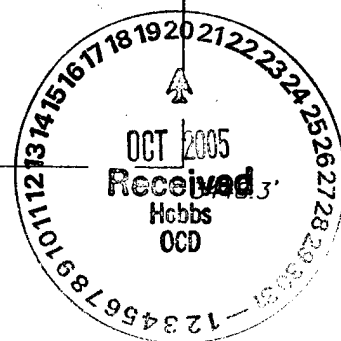


PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 393-3117

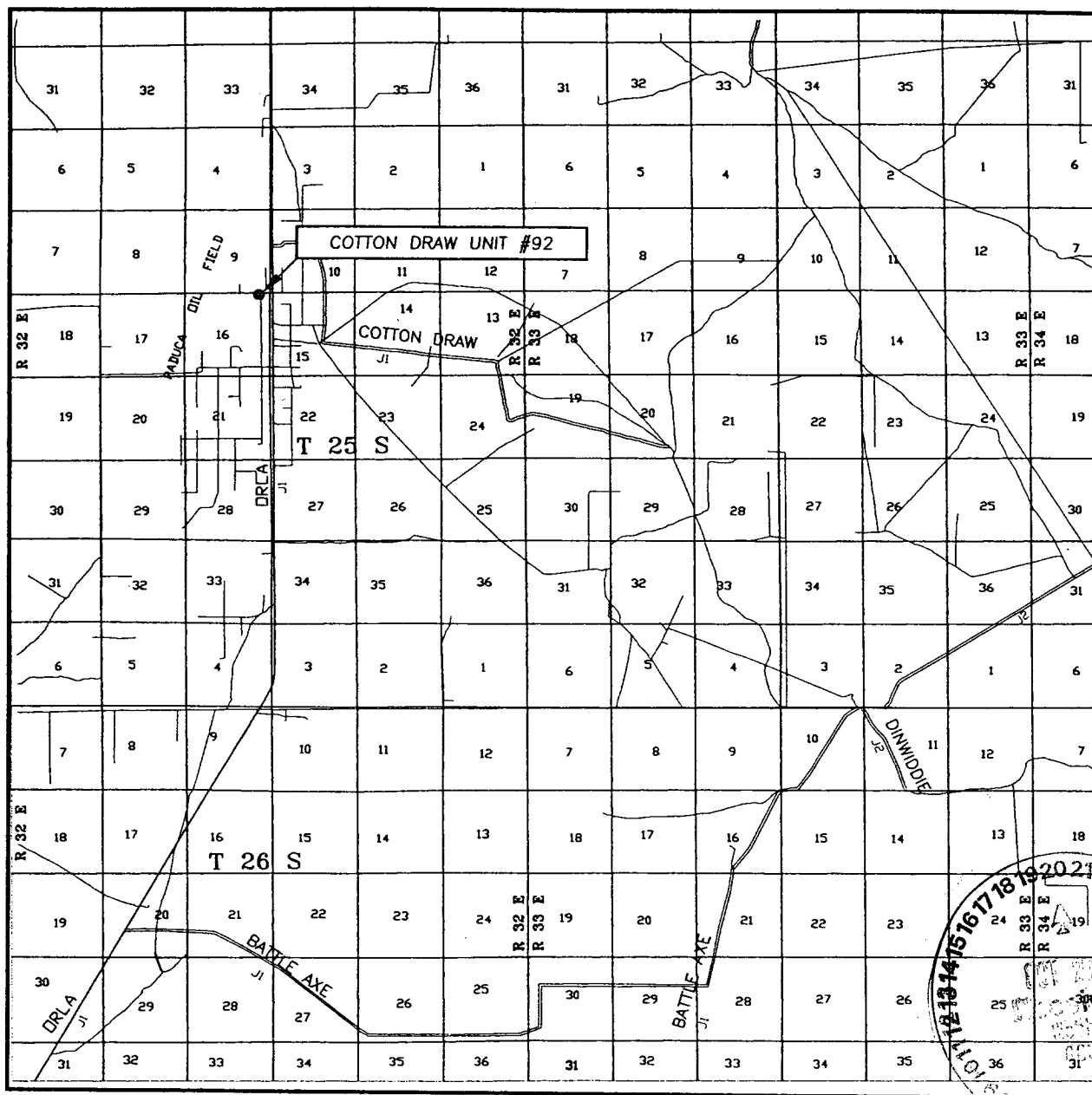
POGO PRODUCING COMPANY

COTTON DRAW UNIT #92 WELL
 LOCATED 100 FEET FROM THE NORTH LINE
 AND 700 FEET FROM THE EAST LINE OF SECTION 16,
 TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 08/16/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.1201	Dr By: GS
Date: 08/22/05	Disk: CD#4
05111201	Scale: 1"=100'

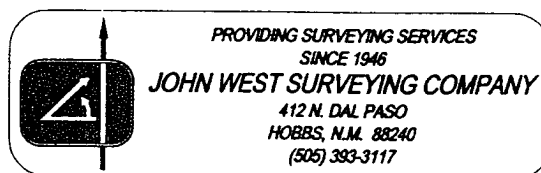


VICINITY MAP

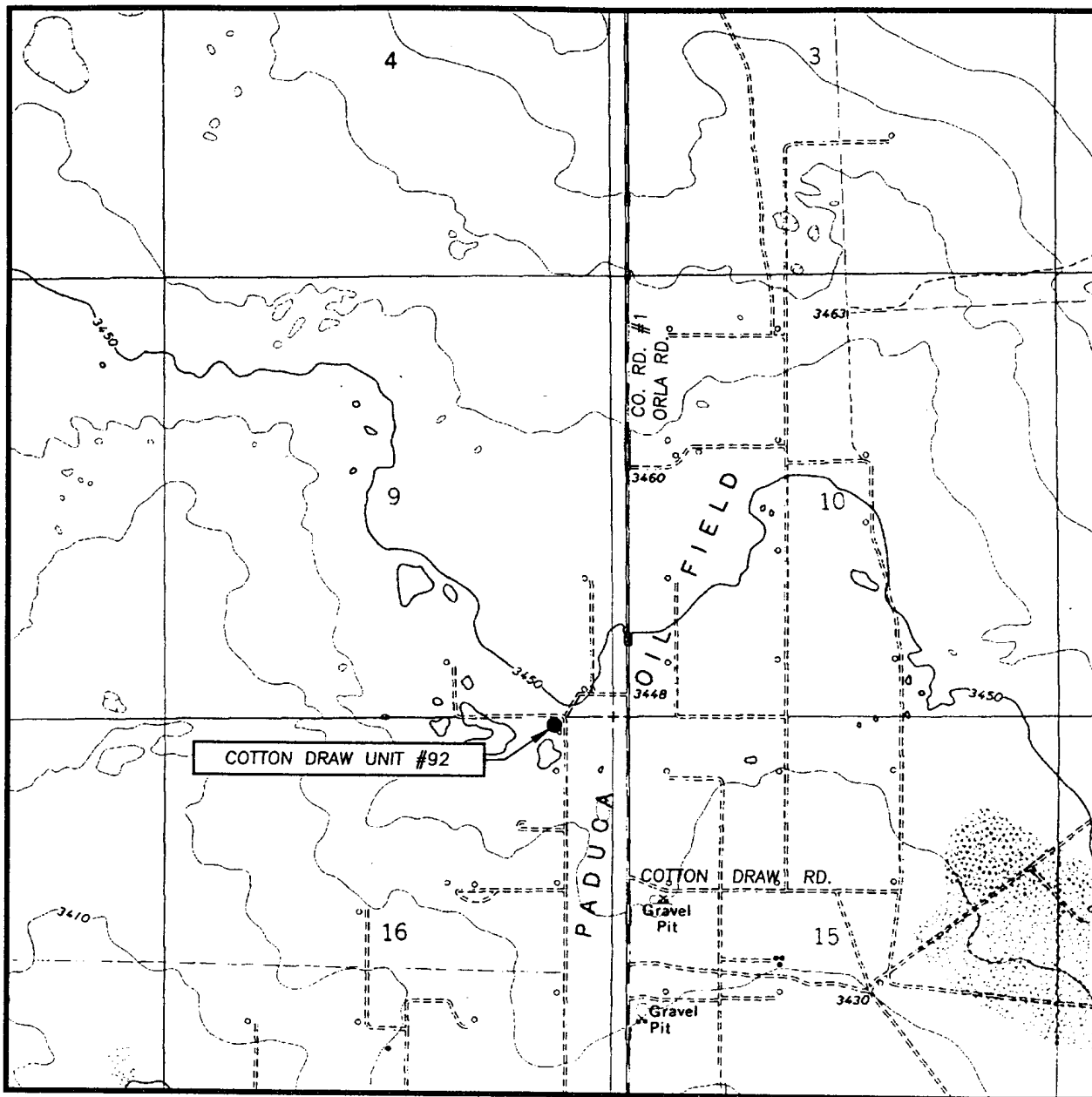


SCALE: 1" = 2 MILES

SEC. 16 TWP. 25-S RGE. 32-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 100' FNL & 700' FEL
 ELEVATION 3450'
 OPERATOR POGO PRODUCING COMPANY
 LEASE COTTON DRAW UNIT



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PADUCA BREAKS NW, N.M.-10

SEC. 16 TWP. 25-S RGE. 32-E

SURVEY _____ N.M.P.M.

COUNTY _____ LEA

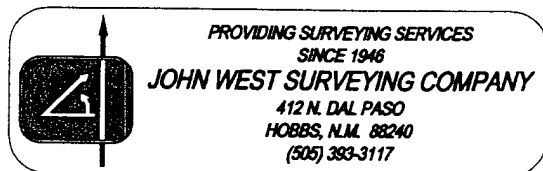
DESCRIPTION 100 FNL & 700' FEL

ELEVATION _____ 3450'

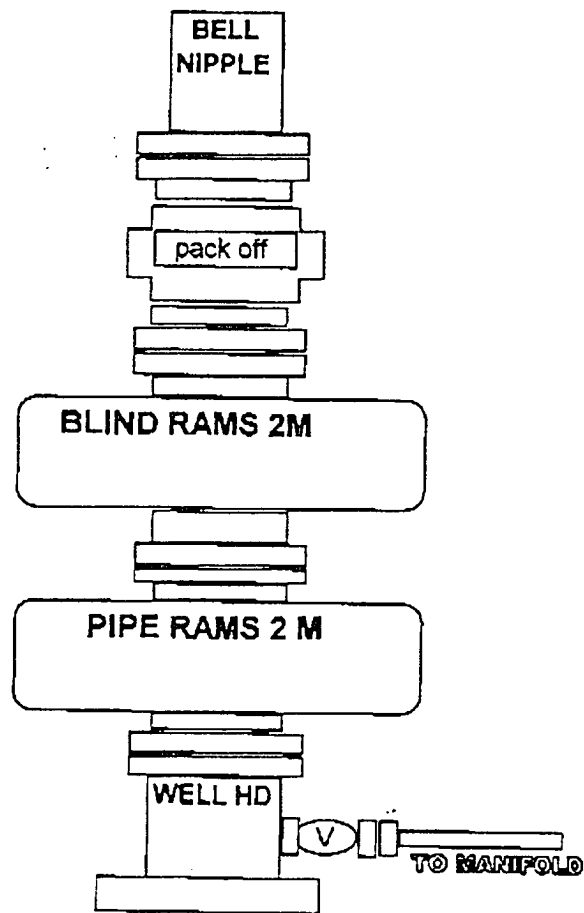
OPERATOR _____ POGO PRODUCING COMPANY

LEASE _____ COTTON DRAW UNIT

U.S.G.S. TOPOGRAPHIC MAP
PADUCA BREAKS NW, N.M.



11" 2M



CHOKE MANIFOLD

3000 PSI WP

