

District I
1625 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
Property Code 301630	Property Name MONSANTO STATE	Well No. 10
Proposed Pool 1 PADUCA-DELAWARE (49460)		Proposed Pool 2

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	25S	32E		1310'	SOUTH	330'	EAST	LEA

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

Additional Well Information				
Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3430'
Multiple NO	Proposed Depth 5000'	Formation BELL CANYON	Contractor UNKNOWN	Spud Date WHEN APPROVED
Depth to Groundwater 290' ±		Distance from nearest fresh water well 2 Mi		Distance from nearest surface water 8 Mi
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 15M bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

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

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 12 1/2" 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% CaCl₂ + 1/2# 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# Gilsonite/Sx. circulate cement to surface. Cement volume may have to be changed after logging well with caliper.

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 NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Joe T. Janica		Approved by:	
Title: Agent		Title: PETROLEUM ENGINEER	
E-mail Address:		Approval Date: AUG 17 2005 Expiration Date:	
Date: 08/08/05	Phone: 505-391-8503	Conditions of Approval Attached <input checked="" type="checkbox"/>	

Condition to approval to drill well, but CANNOT PRODUCE until Non-Standard Location is approved from the OCD Santa Fe office.

Permit Expires 1 Year From Approval Date Unless Drilling Underway

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

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

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 30-025-37421	Pool Code 49460	Pool Name PADUCA-DELAWARE
Property Code 301630	Property Name MONSANTO STATE	Well Number 10
GRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3430'

Surface Location

UL or lot No. P	Section 16	Township 25-S	Range 32-E	Lot Idn	Feet from the 1310	North/South line SOUTH	Feet from the 330	East/West line EAST	County LEA
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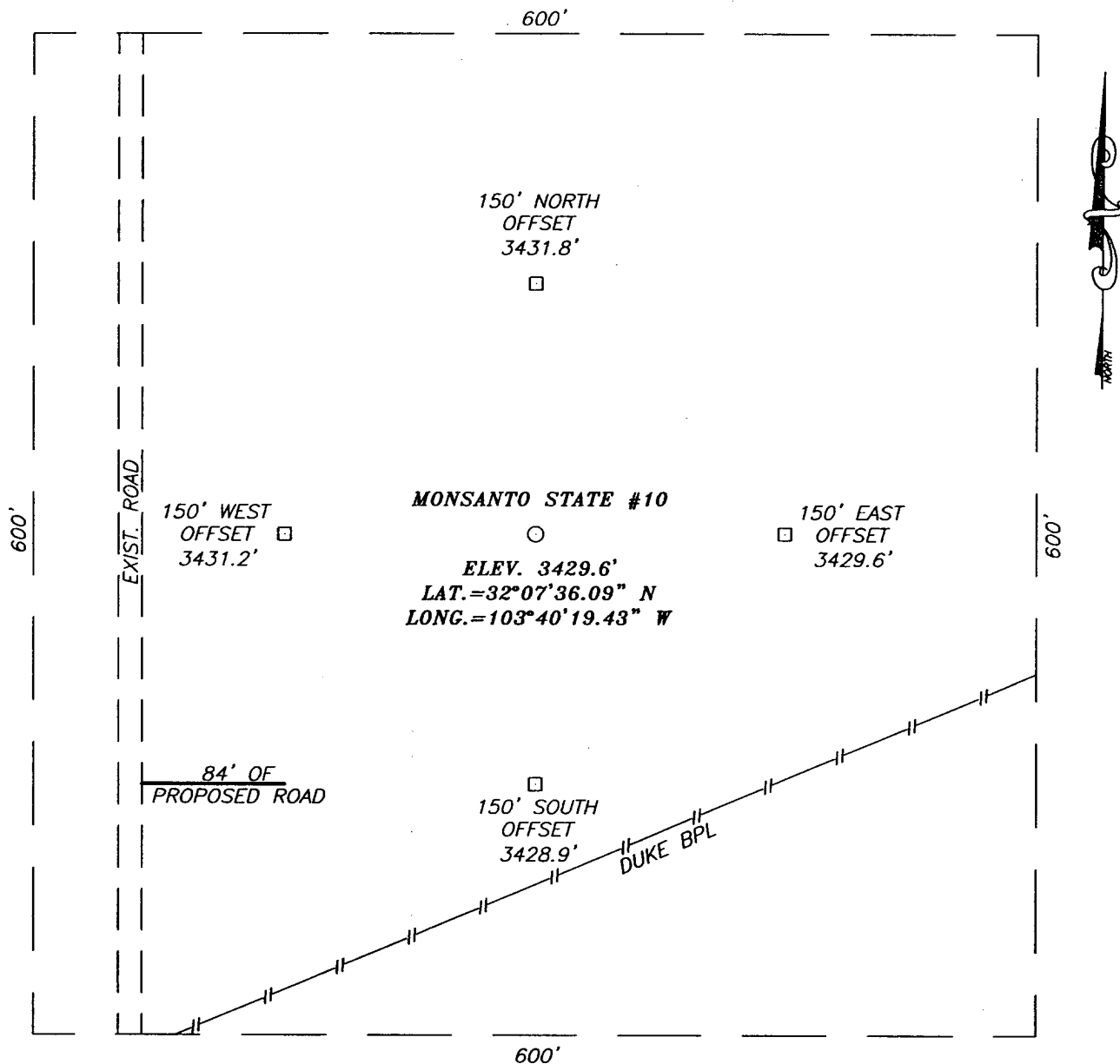
Bottom Hole Location If Different From Surface

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

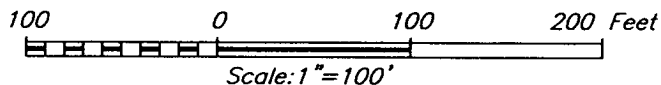
	<p>GEODETC COORDINATES NAD 27 NME</p> <p>Y=410441.1 N X=704709.6 E</p> <p>LAT.=32°07'36.09" N LONG.=103°40'19.43" W</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature</p> <p>Joe T. Janica Printed Name</p> <p>Agent Title</p> <p>08/08/05 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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>AUGUST 6, 2005</p>		<p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p>LA</p> <p>05.11.1239</p> <p>12841</p>
	<p>330'</p> <p>1310'</p>		<p>08/18/05</p>
	<p>330'</p> <p>1310'</p>		<p>08/18/05</p>

SECTION 16, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

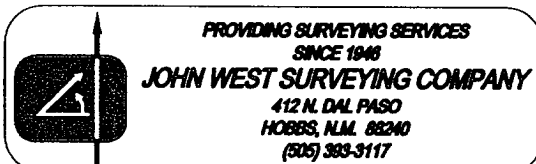
FROM THE INTERSECTION OF COUNTY ROAD J1 (ORLA HWY.) AND ST. HWY. #128 (JAL HWY) GO SOUTH ON COUNTY ROAD J1 APPROX. 6.3 MILES. TURN RIGHT AND GO WEST APPROX. 0.1 MILES. TURN RIGHT AND GO APPROX. 0.1 MILES TO A PROPOSED ROAD SURVEY. FOLLOW ROAD SURVEY APPROX. 200 FEET EAST TO THIS LOCATION.



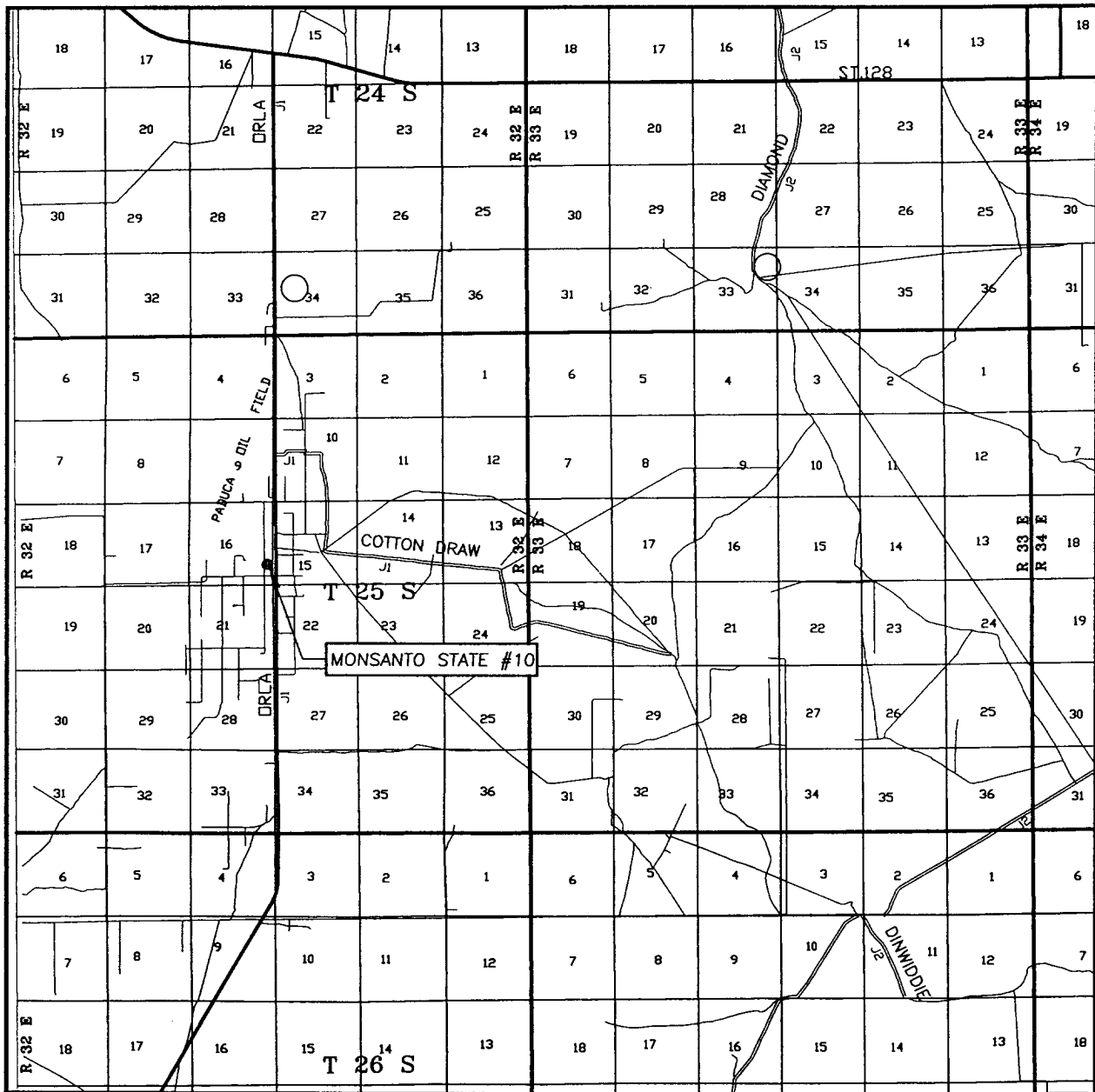
POGO PRODUCING COMPANY

MONSANTO STATE #10 WELL
LOCATED 1310 FEET FROM THE SOUTH LINE
AND 330 FEET FROM THE EAST LINE OF SECTION 16,
TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 8/6/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.1239	Dr By: LA
Date: 8/8/05	Disk: CD#4
05111239	Scale: 1"=100'



VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

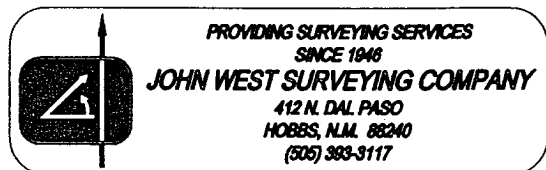
COUNTY LEA

DESCRIPTION 1310' FSL & 330' FEL

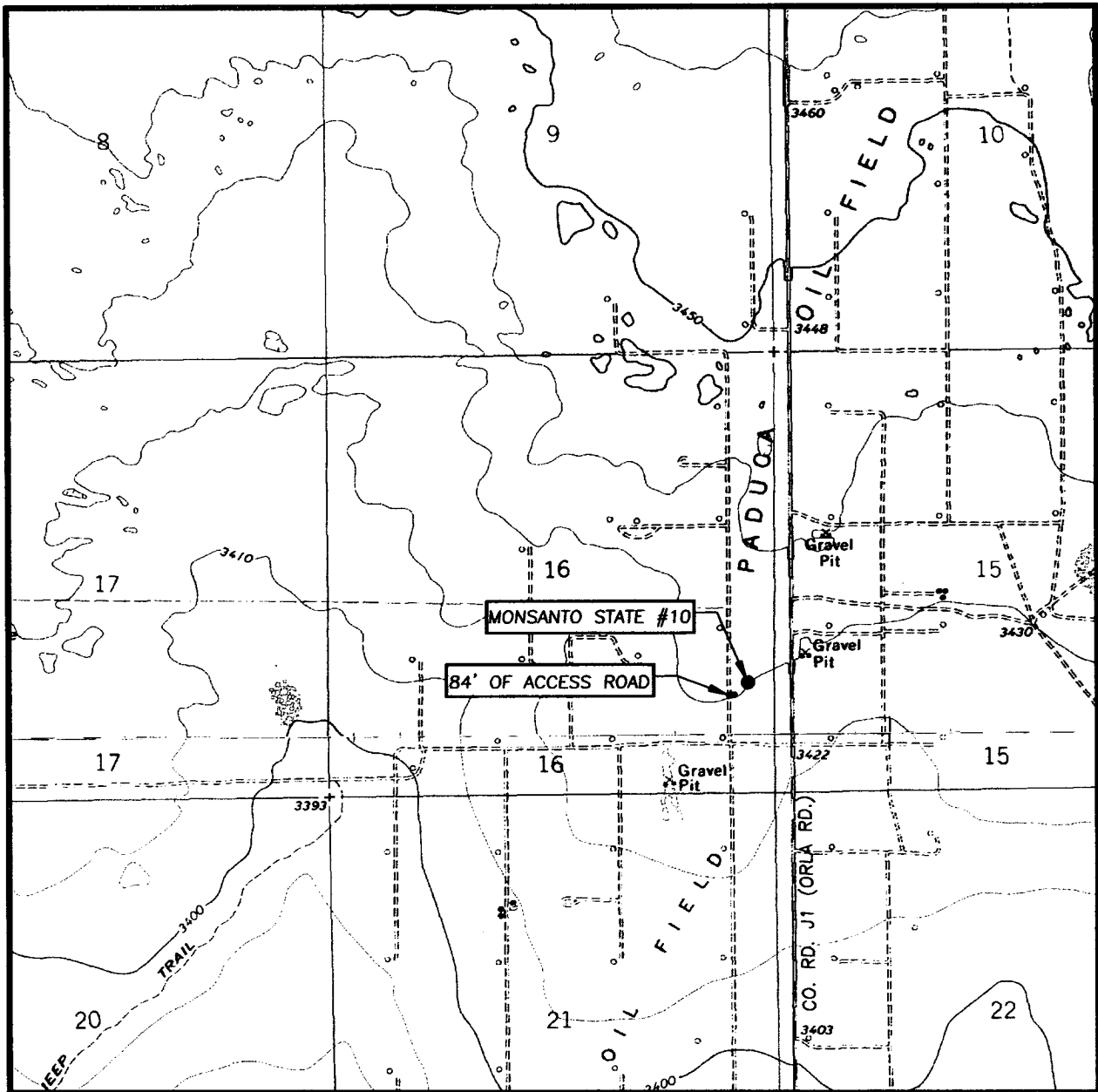
ELEVATION 3430'

OPERATOR POGO PRODUCING COMPANY

LEASE MONSANTO STATE



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

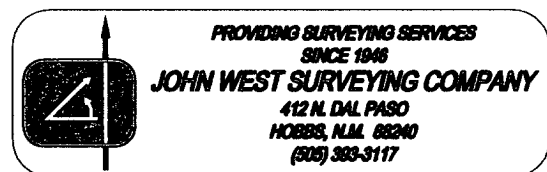
DESCRIPTION 1310' FSL & 330' FEL

ELEVATION 3430'

OPERATOR POGO PRODUCING COMPANY

LEASE MONSANTO STATE

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



PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

BLOWOUT PREVENTER SYSTEM

2000 PSI WP

Choke Manifold Assembly for 5M WP System

