

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address. Patterson Petroleum LP P.O. Drawer 1416 Snyder, Texas 79550		OGRID Number 141928
Property Code 28554	Property Name Pam "30" State	API Number 30-025-35650
		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1/2	30	17-S	34-E		330	North	330	West	Lea

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
Proposed Pool 1 Wildcat - Paddock					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4098'
Multiple No	Proposed Depth 6500'	Formation Paddock	Contractor Patterson-UTI Drlg.	Spud Date 08/01

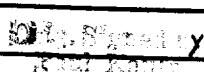
Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1500'	800	Surface
7-7/8"	5-1/2"	17#	6500'	400 600	4000' 5000'

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.

Drilling fluid synopsis attached
BOP: 13-3/8" 3000# - See figure 2.5 attached
Additional casing & cementing information attached

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Nolan von Roeder		Approved by: 	
Title: Petroleum Engineer		Title: 	
Date: 07/31/01	Phone: 915/573-1938	Approval Date: AUG 01 2001	Expiration Date:
		Conditions of Approval: Attached ☐	

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PATTERSON PETROLEUM LP
A LIMITED PARTNERSHIP
P.O. Box 1416, Snyder, TX 79550
Phone 915-573-1938 • Fax 915-573-1939

DRILLING FLUID SYNOPSIS

PATTERSON PETROLEUM LP

PAM "30" State No. 1

Section 30
T-17-S
R-34-E
Lea County, New Mexico

CASING

8 5/8" at 1500'
5 1/2" at 6500'

DEPTH	MUD WT.	VISCOSITY	FLUID LOSS	DRILL SOLIDS	COMMENTS
0' - 1500'	8.4 to 9.0	28 to 34	No Control	5%	Spud mud & paper
1500' - 6500'	10 to 10.3	32 to 40	10 to 15 cc	5%	Salt Gel & Starch

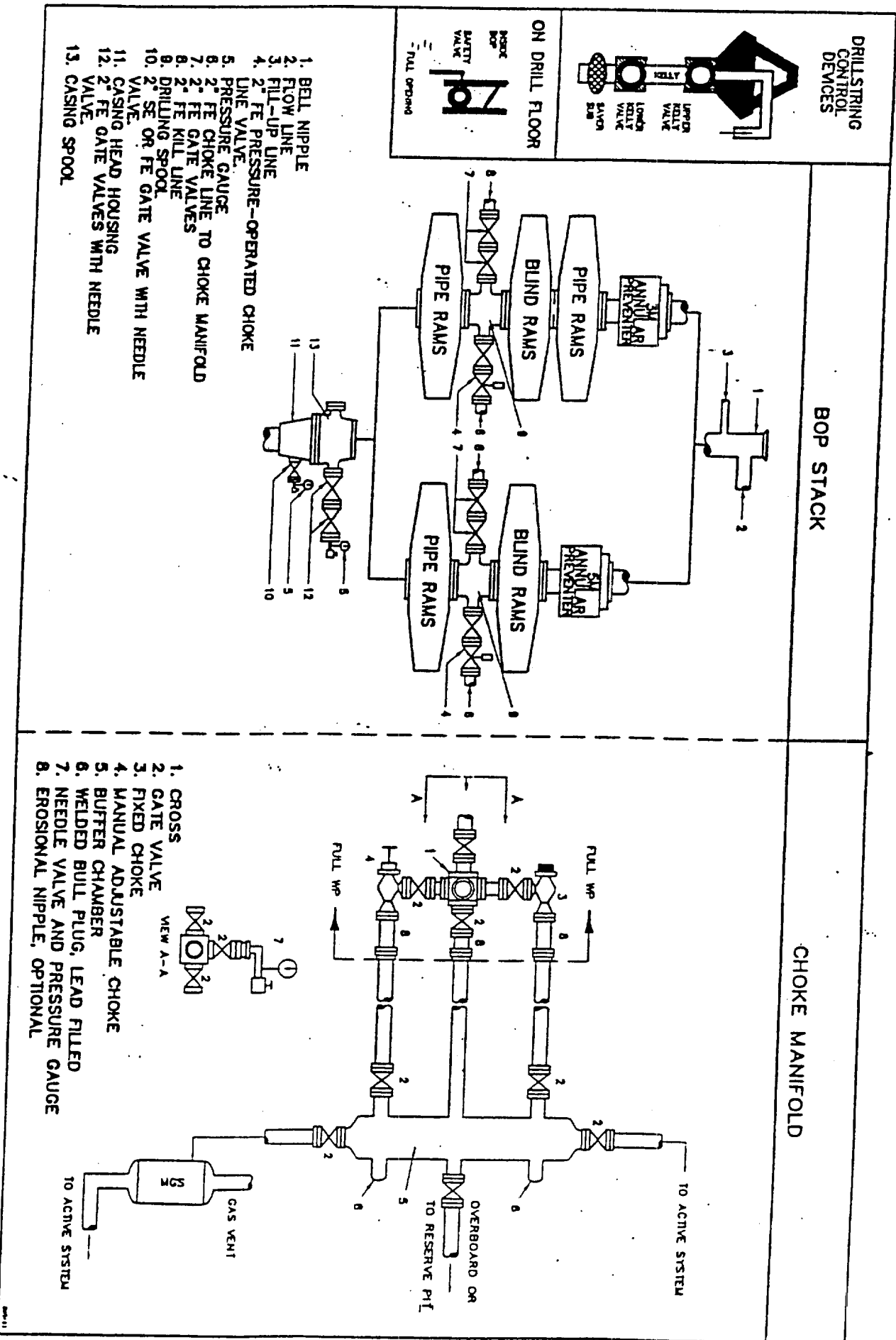


Fig. 2.5. Class 3 BOP and Choke Manifold.

PATTERSON PETROLEUM LP
PROPOSED CASING & CEMENTING PROGRAM
PAM "30" STATE WELL NO. 1

8 5/8", 24 lb/ft, J-55 Surface Casing Set at 1500' - in a 12 1/4" Hole

Circulate to surface with :

Lead : 600 sx of 35:65 Poz Class "C" + 5% salt + 6% gel + 1/4 lb/sk celloflake
+ 2/10 % antifoamer

Slurry Weight:	12.4 ppg
Slurry Yield:	2.15 cu.ft/sk
Water Requirement:	11.99 gal/sk

Tail : 200 sx of Class "C" w/ 1% CCL

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 cu.ft/sk
Water Requirement:	6.31 gal/sk

5 1/2" , 17 lb/ft, J-55 Production Casing Set at 6,500' - in a 7 7/8" Hole

Cement w/ 400 sx of Class "H" 50/50 Poz + 5% salt + 2% gel

Desired TOC = 4000'

Slurry Weight:	13.6 ppg
Slurry Yield:	1.45 cu.ft/sk
Water Requirement:	7 gal/sk

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DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

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Energy, Minerals and Natural Resources Department

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35650	Pool Code L	Pool Name Wildcat - Paddock
Property Code 28554	Property Name PAM "30" STATE	Well Number 1
OGRID No. 141928	Operator Name PATTERSON PETROLEUM LP	Elevation 4098'

Surface Location

UL or lot No. 1	Section 30	Township 17-S	Range 34-E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 330	East/West line WEST	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
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Dedicated Acres 40	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

LOT 1 330' 330'							
34.76 AC LOT 2							
34.85 AC LOT 3							
34.93 AC LOT 4							
35.02 AC							

OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Nolan von Roeder
Signature

Nolan von Roeder

Printed Name

Petroleum Engineer

Title

07/31/01

Date

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.

JUNE 13, 2001

Date Surveyed

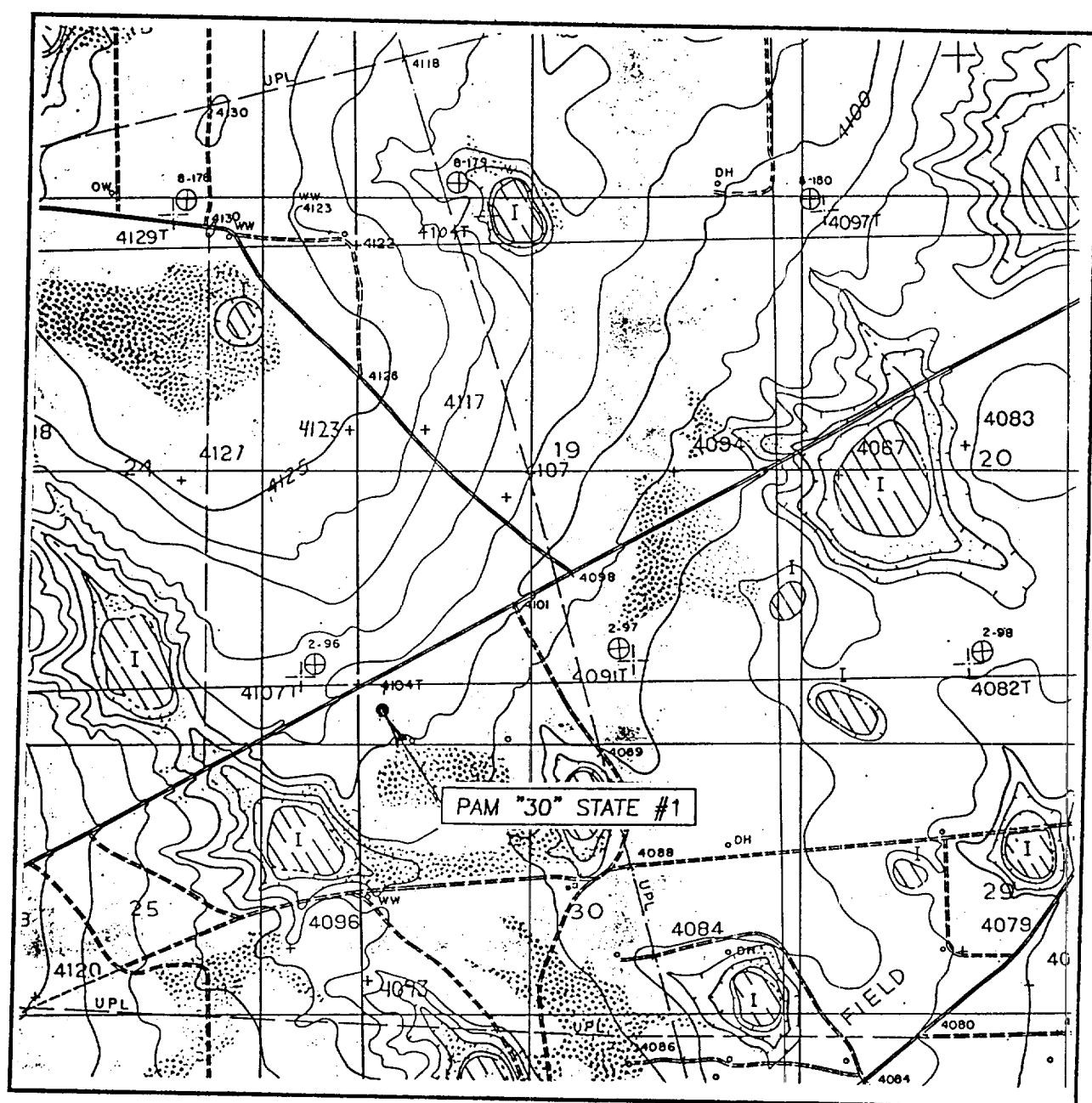
AWB

Signature & Seal of
Professional Surveyor

Ronald L. Edson
RONALD L. EDSON
01-11-0720

Certificate No. RONALD L. EDSON 3239
GARY EDSON 12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'
BUCKEYE, N.M.

SEC. 30 TWP. 17-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FNL & 330' FWL

ELEVATION 4098'

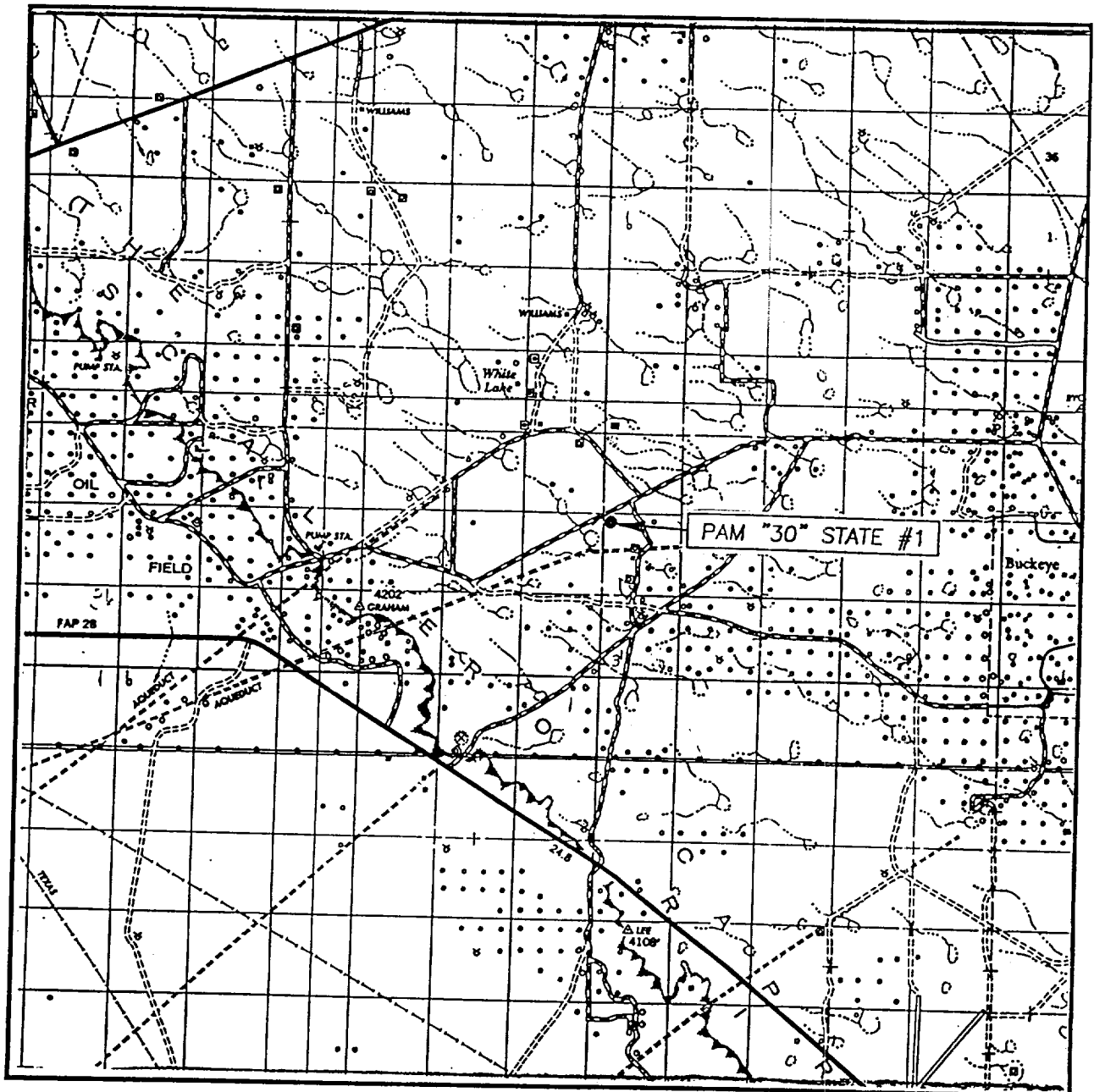
OPERATOR PATTERSON PETROLEUM LP

LEASE PAM 30 STATE

U.S.G.S. TOPOGRAPHIC MAP
BUCKEYE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 30 TWP. 17-S RGE. 34-E
SURVEY N.M.P.M.
COUNTY LEA
DESCRIPTION 330' FNL & 330' FWL
ELEVATION 4098'
OPERATOR PATTERSON PETROLEUM LP
LEASE PAM "30" STATE

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

ELF

9/26/61
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED