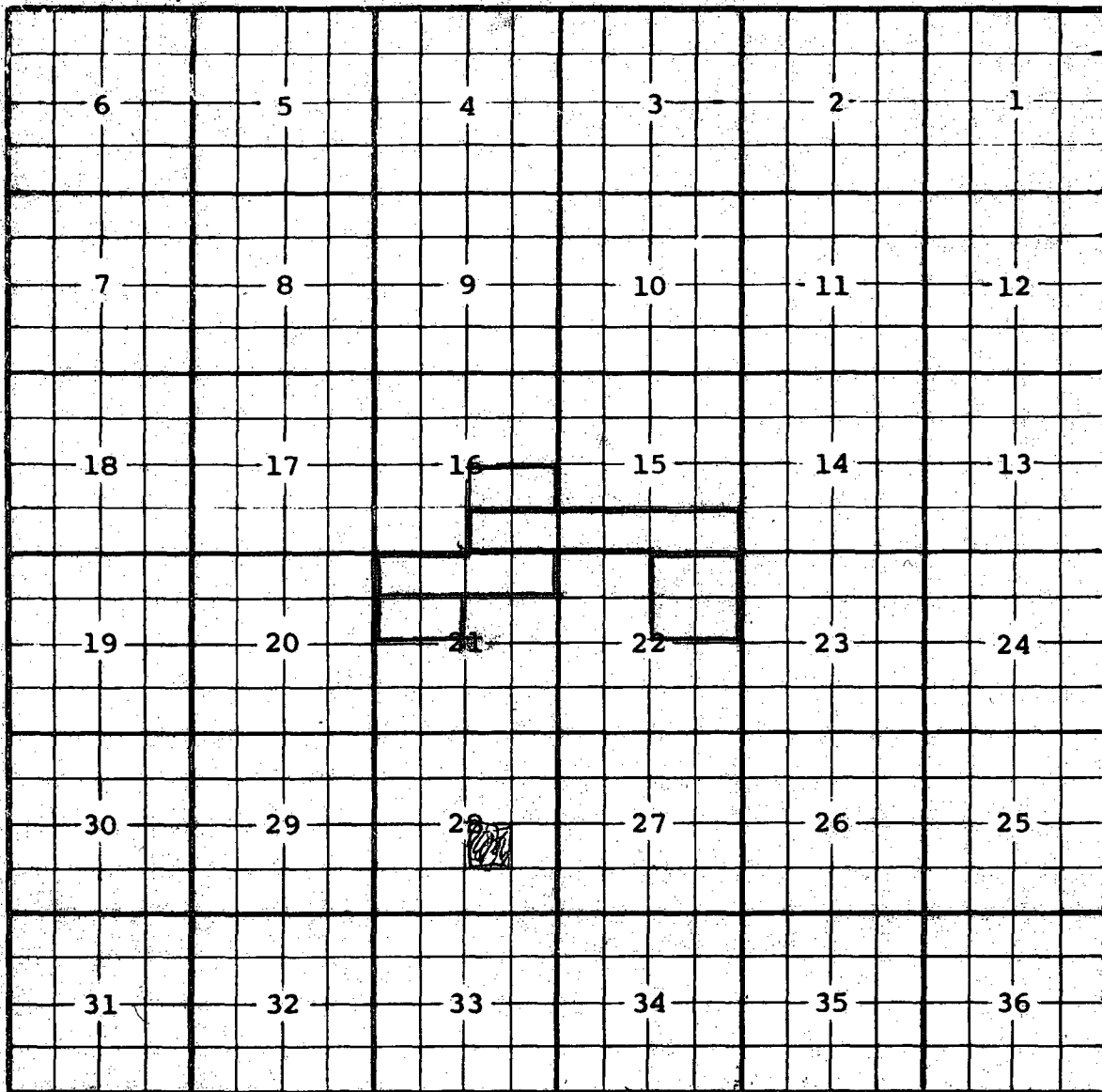


COUNTY *Lea*POOL *Leamex - Wolfcamp*TOWNSHIP *17 South*RANGE *33 East*

NMPM

Description: $\frac{NE}{4}$ Sec. 22 (R-1355, 4-1-59)Ext: $\frac{S}{2} \frac{S}{2}$ Sec. 15; $\frac{S}{2} \frac{SE}{4}$ Sec. 16 (R-1942, 5-1-61) - $\frac{N}{2} \frac{SE}{4}$ Sec. 16 (R-2062, 10-1-61)Ext: $\frac{N}{2} \frac{N}{2}$ Sec. 21 (R-6328, 5-1-80) Ext: $\frac{S}{2} \frac{NW}{4}$ Sec. 21 (R-6536, 12-1-80)

Sec : 28 Twp : 17S Rng : 33E Section Type : NORMAL

D 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 A A	C 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 A	B 40.00 RR B02229 0001 CONOCOPHILLIPS CO 11/10/43 A	A 40.00 RR B02229 0001 CONOCOPHILLIPS CO 11/10/43 A
E 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 P A	F 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 A	G 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 P	H 40.00 RR B02229 0001 CONOCOPHILLIPS CO 11/10/43 A
L 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 P	K 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 A A	J 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 P A A	I 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 A
M 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 A A A A A	N 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 P A	O 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 A A A A	P 40.00 RR B02229 0000 CONOCOPHILLIPS CO U 11/10/43 P A

CMD : ONGARD 01/12/04 10:33:06
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TPF7

OGRID Idn : 141928 API Well No: 30 25 36419 APD Status(A/C/P): A
Opr Name, Addr: PATTERSON PETROLEUM LP Aprvl/Cncl Date : 09-24-2003
P O DRAWER 1416
SNYDER, TX 79550

Prop Idn: 32975 MOHICAN 28 STATE Well No: 1

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----	-----
Surface Locn :	J	28	17S	33E			FTG 1980 F S	FTG 1330 F E
OCD U/L :	J		API	County :	25			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 4168

State Lease No: Multiple Comp (S/M/C) : S
Prpsd Depth : 13800 Prpsd Frmtn : MORROW 320 AC S/2

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

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. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural ResourcesOil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505Form C-101
Revised March 17, 1999Submit 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**

¹ Operator Name and Address PATTERSON PETROLEUM LP P.O. DRAWER 1416, SNYDER, TX 79550		² OGRID Number 141928
⁴ Property Code 32995		³ API Number 30-025-36419
⁵ Property Name MOHICAN "28" STATE		⁶ Well No. 1

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
J	28	17S	33E		1980	SOUTH	1330	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
⁹ Proposed Pool 1 Wildcat; VACUUM; MORROW					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4168'
¹⁶ Multiple NO	¹⁷ Proposed Depth 13,800'	¹⁸ Formation MORROW	¹⁹ Contractor PATTERSON-UTI DRLG	²⁰ Spud Date 09/29/2003


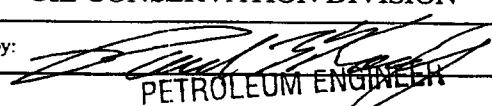
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	500	SURFACE
12-1/4"	9-5/8"	40#	4,800'	1750	SURFACE
8-3/4"	5-1/2"	17#	13,800'	1000	9000'

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.

DRILLING FLUID SYNOPSIS ATTACHED
BOP: SERIES 900, 5000# WP - SEE FIGURE 2.5 ATTACHED
ADDITIONAL CASING & CEMENTING INFORMATION ATTACHED

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ 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: ENGINEER		Title: PETROLEUM ENGINEER	
Date: 09/22/03		Approval Date: SEP 24 2003	
Phone: 325/573-1938		Expiration Date:	
		Conditions of Approval:	
		Attached <input type="checkbox"/>	

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Brazos Ed., Artec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36419	Pool Code 86840 ✓	Wildcat; -vacuum; Pool Name Morrow
Property Code 32975	Property Name MOHICAN 28 STATE	Well Number 1
OGRIID No. 141928	Operator Name PATTERSON PETROLEUM, LP	Elevation 4168'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	17 S	33 E		1980	SOUTH	1330	EAST	LEA

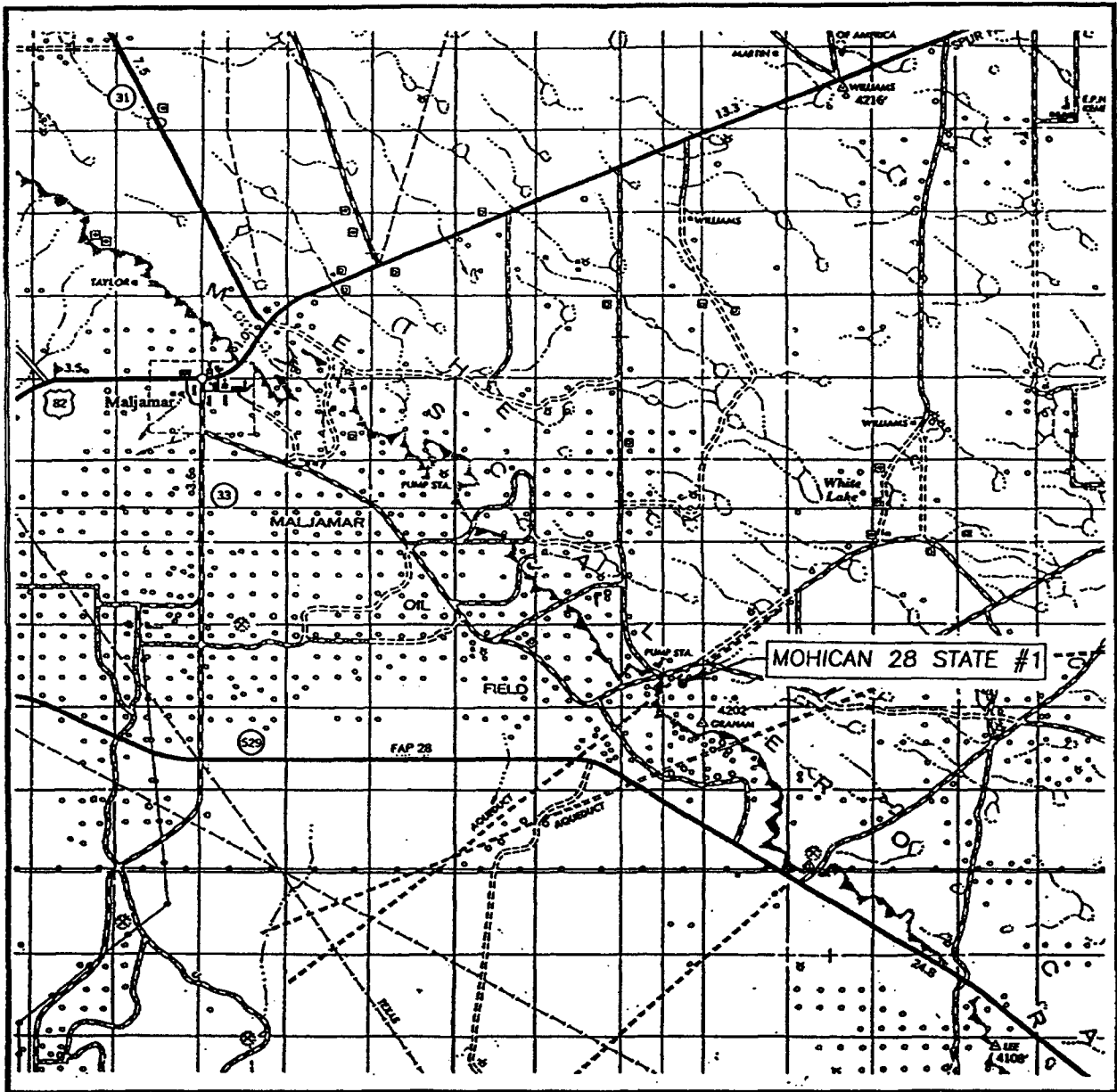
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	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

GEODETTIC COORDINATES NAD 27 NME Y=656752.9 N X=705863.5 E LAT. 32°48'13.36" N LONG. 103°39'48.03" W				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 Printed Name Engineer Title 09/22/03 Date	
1330' 1980'				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. SEPTEMBER 8, 2003 Date Surveyed Signature & Seal Professional Surveyor NEW MEXICO 9/19/03 03.11.0988 Certificate No. GARY EIDSON 12641	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 28 TWP. 17-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 1330' FEL

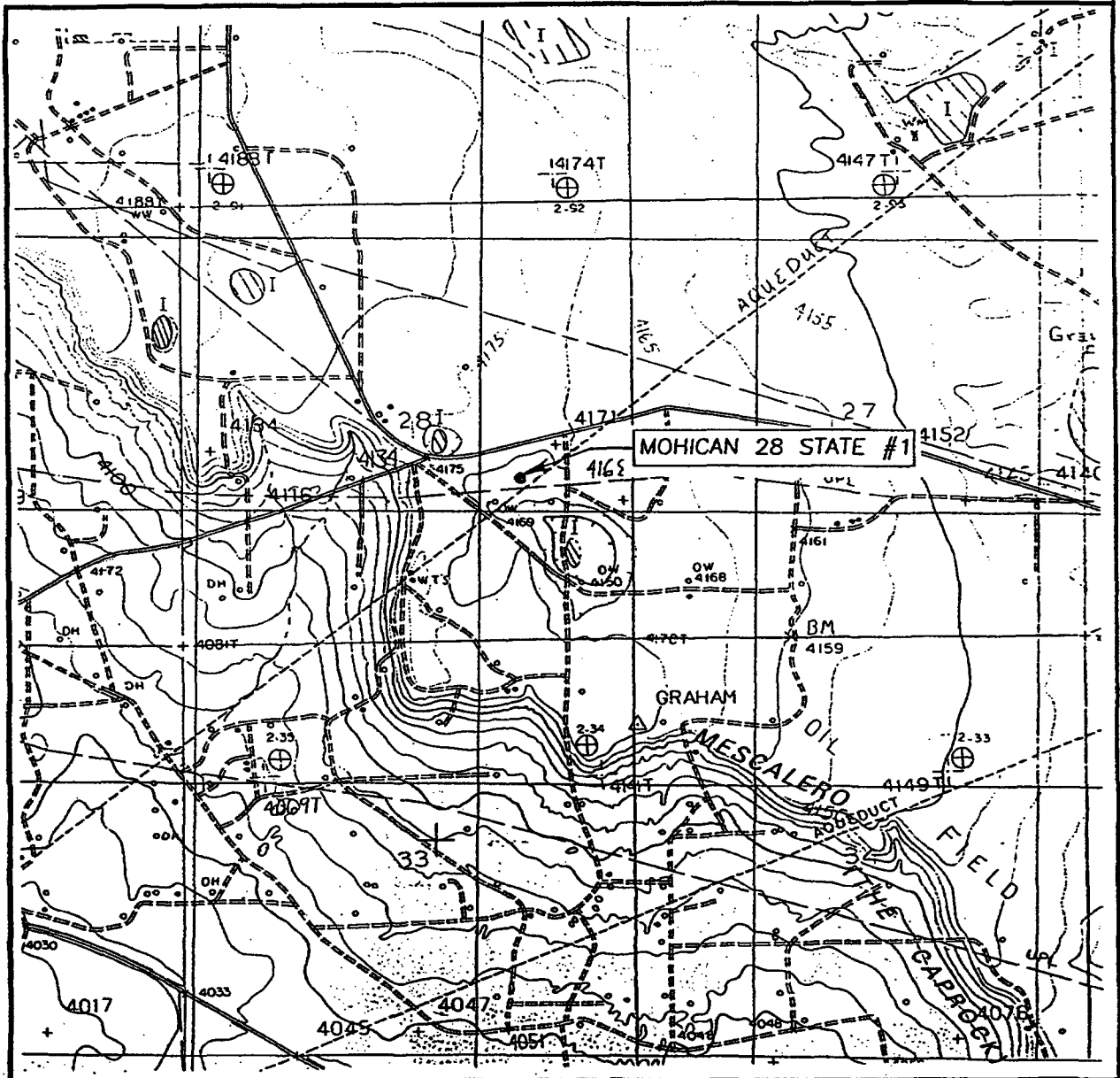
ELEVATION 4168'

OPERATOR PATTERSON PETROLEUM, LP

LEASE MOHICAN 28 STATE

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
DOG LAKE, N.M. - 10'

SEC. 28 TWP. 17-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 1330' FEL

ELEVATION 4168'

OPERATOR PATTERSON PETROLEUM, LP

LEASE MOHICAN 28 STATE

U.S.G.S. TOPOGRAPHIC MAP

DOG LAKE, N.M.

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



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

Mohican "28" State No. 1

Section 28
T-17-S
R-33-E
Lea County, New Mexico

CASING

13 3/8" at 400'
9 5/8" at 4800'
5 1/2" at 13,800'

DEPTH	MUD WT.	VISCOSITY	FLUID LOSS	DRILL SOLIDS	COMMENTS
0' - 400'	8.4 to 9.0	28 to 40	No Control	5%	Spud mud & paper
400' - 4800'	8.4 to 10.3	28 to 33	No Control	1%	Brine water, paper, caustic
4800 - 12,900'	8.4 to 9.2	28 to 30	No Control	1%	Cut-brine, paper & caustic
12,900 - 13,800'	10 to 10.5	36 to 46	10 cc or less	< 5%	Xanthan gum, starch, pac. & caustic

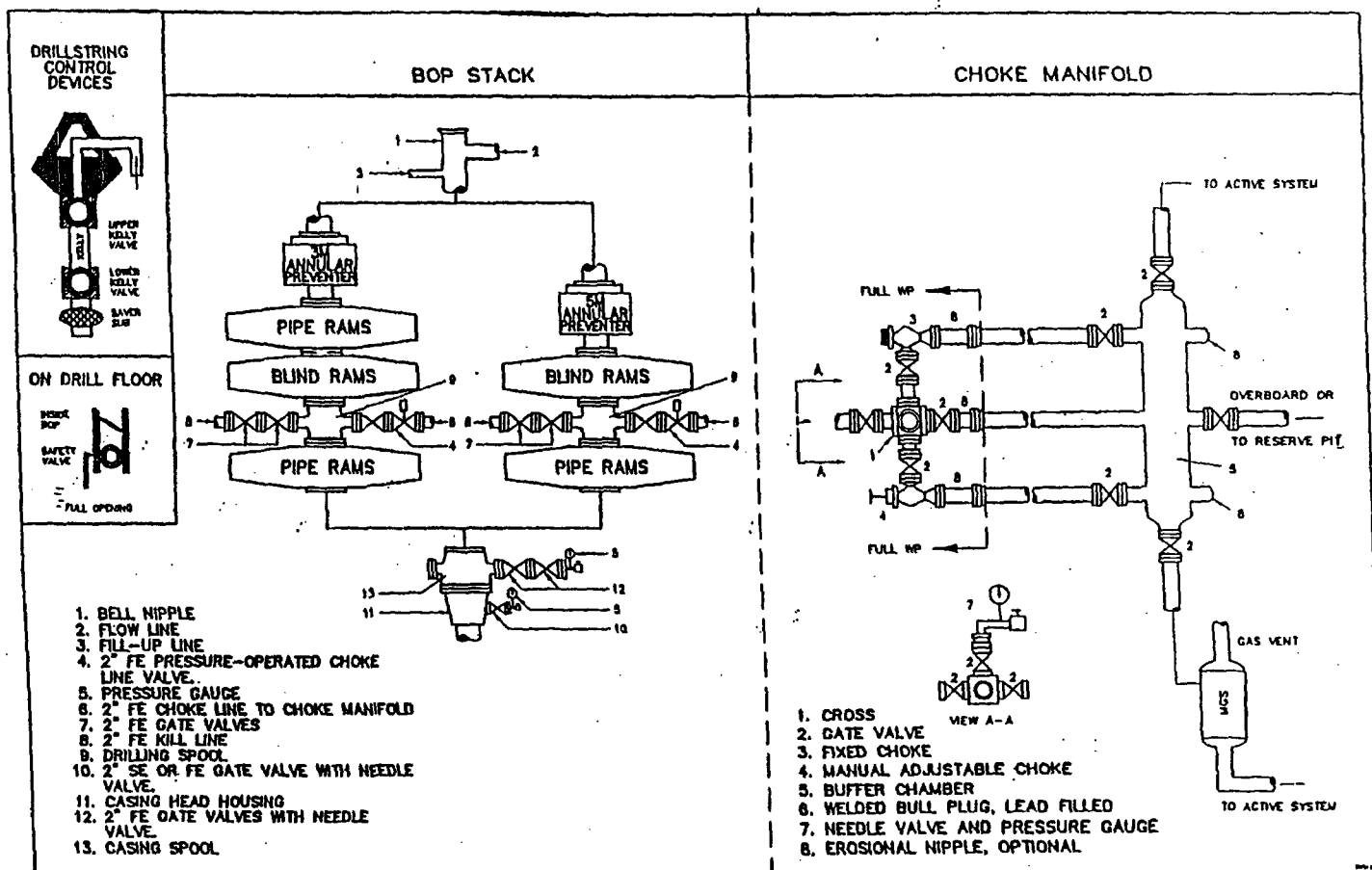


Fig. 2.5. Class 3 BOP and Choke Manifold.

PATTERSON PETROLEUM LP
PROPOSED CASING & CEMENTING PROGRAM
MOHICAN "28" STATE WELL NO. 1

13 3/8", 48 lb/ft, H-40 Surface Casing Set at 400' - in a 17 1/2" Hole

Circulate to surface with 500 sacks of Class "C" + 2% CaCl₂ + 1/4 lb/sk celloflake

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 cu.ft/sk
Water Requirement:	6.3 gal./sk

9 5/8", 40 lb/ft, J-55 & N-80 Intermediate Casing Set at 4800' - in a 12 1/4" Hole

Lead : 1500 sx of 35:65 Poz Class "C" + 5% salt + 6% gel + 1/4 lb/sk celloflake
+ 2/10 % antifoamer

Desired TOC = Surface

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

Tail : 250 sx of Class "C" Neat

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

5 1/2" , 17 lb/ft, N-80 & P110 Production String Casing Set at 13,800' - in an 8 3/4" Hole

Lead : 700 sx of Halliburton Light H + 5% salt + 3/10% HR-7 retarder

Desired TOC = 9000'

Slurry Weight:	12.7 ppg
Slurry Yield:	1.95 cu.ft/sk
Water Requirement:	10.48 gal/sk

Tail : 300 sx of Halliburton Super H w/ 0.5% Lap-1+ 0.4% dispersant +
0.25% antifoamer and 0.25% retarder

Slurry Weight:	13.2 ppg
Slurry Yield:	1.60 cu.ft/sk
Water Requirement:	8.21 gal/sk

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised May 08, 2003

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-36419
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator PATTERSON PETROLEUM LP		6. State Oil & Gas Lease No.
3. Address of Operator P.O. DRAWER 1416, SNYDER, TX 79550		7. Lease Name or Unit Agreement Name MOHICAN "28" STATE
4. Well Location Unit Letter <u>J</u> : 1980 feet from the <u>SOUTH</u> line and <u>1330</u> feet from the <u>EAST</u> line Section <u>28</u> Township <u>17S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 141928
		10. Pool name or Wildcat WILDCAT; MORROW

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Drilled, set casing, cement & log <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

09/29/03 Moved in & rigged up Patterson-UTI Rig #56. Drilled to 250' w/17½" bit. Spudded well @11:30 p.m. 09/28/03.

09/30/03 400'. Drilled & surveyed. Ran 9 jts 13-3/8" csg & set @400.56'. Cemented with 500 sx class "C" w/2% CC & ¼#/sk celloflakes. Circulated 175 sx to the pit. Plug down @11:00 p.m. 09/29/03. Waited 13½ hrs on cement.

10/01/03 515'. Waited 15½ hrs on cement. Drilled cement, float & guide shoe. Drilled 2 hrs w/bit #2 (12¼").

10/02/03 1370'. Drilled & surveyed.

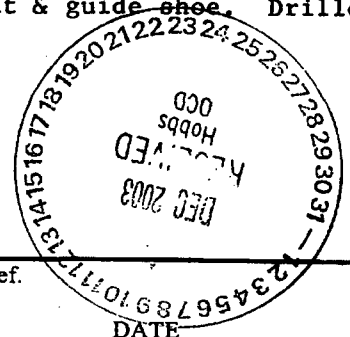
10/03/03 2100'. Drilled & surveyed.

10/04/03 2325'. Drilled & trip for bit #3 (12¼").

10/05/03 2946'. Drilled & surveyed.

10/06/03 3240'. Drilled.

10/07/03 3470'. Drilled & surveyed.



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

SIGNATURE Nolan von Roeder TITLE Engineer

DATE

Type or print name Nolan von Roeder

Telephone No. (325) 573-1938

(This space for State use)

APPROVED BY Chris Williams TITLE

OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE DEC 10 2003

Conditions of approval, if any:

10/08/03 3,634'. Drilled.
 10/09/03 3,724'. Drilled & surveyed. Trip for bit #4 & change BHA.
 10/10/03 3,930'. Drilled.
 10/11/03 4,115'. Drilled.
 10/12/03 4,248'. Drilled & trip to repair mudline on pump.
 10/13/03 4,438'. Drilled.
 10/14/03 4,630'. Drilled & trip for hole in bottom of 20th stand.
 10/15/03 4,805'. Drilled & surveyed. Started running intermediate casing.
 10/16/03 4,805'. Ran 107 jts 9-5/8" 40# J55 LT&C casing, set @4804.17'. Cemented w/1700 sx of HCL + 5% salt & 250 sx to pit. Plug down @6:00 p.m.(Texas time). Waiting on cement.
 10/17/03 4,805'. Waiting on cement.
 10/18/03 5,383'. Drilled & surveyed. Bit #5 (8-3/4")
 10/19/03 6,114'. Drilled & surveyed.
 10/20/03 6,816'. Drilled & surveyed.
 10/21/03 7,287'. Drilled & surveyed.
 10/22/03 7,670'. Drilled, surveyed & installed Crown-a-matic.
 10/23/03 8,140'. Drilled & surveyed.
 10/24/03 8,330'. Drilled & surveyed. Trip for Bit #6 (8-3/4") & change BHA.
 10/25/03 8,661'. Drilled & surveyed.
 10/26/03 9,055'. Drilled.
 10/27/03 9,405'. Drilled & surveyed.
 10/28/03 9,764'. Drilled & surveyed.
 10/29/03 10,180'. Drilled & surveyed.
 10/30/03 10,590'. Drilled & surveyed.
 10/31/03 10,985'. Drilled & circulated mud log
 11/01/03 10,995'. Drilled & surveyed. Trip & run BHA, work stuck pipe.
 11/02/03 11,285'. Drilled & trip for bit #7 (8-3/4")
 11/03/03 11,595'. Drilled & surveyed.
 11/04/03 11,716'. Drilled. Drilling break 11,698-11,714'. Took a gas kick & shut well in. Drillpipe plugged while well was shut in, waiting to perforate drillpipe.
 11/05/03 11,808'. Rigged up wireline & perforated drillpipe @10,860'. Drilled 92'.
 11/06/03 11,909'. Drilled 101'.
 11/07/03 11,993'. Drilled 84' & changed kelly driver.
 11/08/03 12,065'. Drilled & surveyed. Trip for bit #8 (8-3/4")
 11/09/03 12,205'. Drilled 140'.
 11/10/03 12,325'. Drilled 120'.
 11/11/03 12,505'. Drilled 180'.
 11/12/03 12,665'. Drilled & surveyed.
 11/13/03 12,820'. Drilled 155' & worked on pumps
 11/14/03 12,850'. Drilled 30'. Trip for bit #9 (8-3/4")
 11/15/03 12,988'. Drilled 138' & changed BHA.
 11/16/03 13,138'. Drilled 150'.
 11/17/03 13,268'. Drilled & surveyed.
 11/18/03 13,390'. Drilled & surveyed.
 11/19/03 13,452'. Drilled, surveyed & reamed.
 11/20/03 13,580'. Drilled 128'.
 11/21/03 13,670'. Drilled 90' & started circulating.
 11/22/03 13,670'. Circulating & short trips for tight spots. Trip out of hole to log
 11/23/03 13,670'. Logging & laid down drill collars & drill pipe. Logger's TD 13,679'.
 11/24/03 13,670'. Circulating waiting on casing
 11/25/03 12,000'. Plug back to 12,00'-1st plug @13,670' (45 sx & 2nd @12,100' (60 sx). WOC.
 11/26/03 Ran 256 jts 5 1/2" casing set @11,910'. Cemented w/700 sx. Ran 30 turbulator across potential pay zones. Ran 20 centralizers evenly spaced from 11,900' to 10,080'. Plug down @8:30 p.m. Texas time.
 11/27/03 Rigged down.

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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

Form C-103
Revised May 08, 2003

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

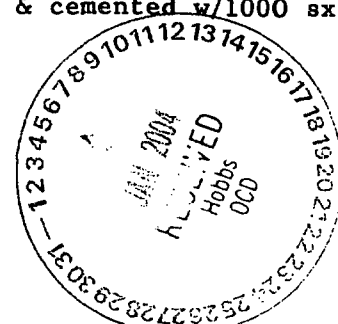
WELL API NO. 30-025-36419
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name MOHICAN "28" STATE
8. Well Number 1
9. OGRID Number 141928
10. Pool name or Wildcat LEAMEX; PENN

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator PATTERSON PETROLEUM LP	
3. Address of Operator P.O. DRAWER 1416, SNYDER, TX 79550	
4. Well Location Unit Letter <u>J</u> : 1980 feet from the <u>SOUTH</u> line and 1330 feet from the <u>EAST</u> line Section <u>28</u> Township <u>17S</u> Range <u>33E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4168' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input checked="" type="checkbox"/> ALTERING CASING <input checked="" type="checkbox"/> COMMENCE DRILLING OPNS <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/25/03 TD = 13,670'. Set 45 sk cement plug @13,670'. Set second plug 60 sx @12,100' in 8-3/4" openhole. RBTD = 12,000'.
11/26/03 Altered casing program. Set 5 1/2" 17#/ft casing @11,910' & cemented w/1000 sx. PBTD = 11,810'.



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

SIGNATURE Nolan von Roeder TITLE Engineer DATE 12/24/03

Type or print name Nolan von Roeder Telephone No. (325) 573-1938
(This space for State use)

APPROVED BY Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE JAN 06 2004
Conditions of approval, if any: