

11/7/96

11/27/96

MS

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NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply[A] ☐ Working, Royalty or Overriding Royalty Interest Owners[B] ☒ Offset Operators, Leaseholders or Surface Owner[C] ☐ Application is One Which Requires Published Legal Notice[D] ☒ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

JAMES BRUCE
 218 MONTEZUMA
 SANTA FE, NM 87501

Note: Statement must be completed by an individual with supervisory capacity.

James Bruce

Signature

Attorney

Title

11/7/96

Date

Print or Type Name

HINKLE, COX, EATON, COFFIELD & HENSLEY,
L.L.P.

ATTORNEYS AT LAW

218 MONTEZUMA POST OFFICE BOX 2068
SANTA FE, NEW MEXICO 87504-2068
(505) 982-4554 FAX (505) 982-8623

LEWIS C. COX, JR. (1924-1993)
CLARENCE E. HINKLE (1904-1985)

OF COUNSEL
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RICHARD L. CAZZELL* RAY W. RICHARDS*

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KAROLYN KING NELSON
ELLEN T. LOUDERBOUGH
JAMES H. WOOD*
NANCY L. STRATTON
TIMOTHY R. BROWN
JAMES C. MARTIN

*NOT LICENSED IN NEW MEXICO

November 7, 1996

Hand Delivered

Michael E. Stogner
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Pogo Producing Company hereby applies for administrative approval of an unorthodox oil well location for the following well:

Amax "24" Fed. Well No. 13
1310 feet FSL & 330 feet FWL
NW $\frac{1}{4}$ SW $\frac{1}{4}$ §24, Township 23 South, Range 31 East, NMPM
Eddy County, New Mexico

The well will be drilled to test the Cherry Canyon formation of the Delaware Mountain Group. Well spacing is 40 acres.

The proposed location is based upon geological reasons. Attached as Exhibit A is a net porosity isopach of the Cherry Canyon Todd Sand (the primary Cherry Canyon target in the area). The zero contour line falls at approximately 990 feet from the South line of Section 24. However, this is an interpretation, and a well at 990 feet FSL would be very risky. The further north the well is located, the higher the chance it will encounter the Todd Sand and the greater the chance for a commercially viable well. Thus, moving the well to its proposed location substantially reduces the risk in drilling the well. Please note that the Amax "24" Fed. Well Nos. 6, 9, 10, and 11, in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ and SW $\frac{1}{4}$ of Section 24, did not encounter the Todd Sand.

Submitted as Exhibit B is an eight section land plat around the proposed well, showing Pogo-operated acreage in yellow and all Delaware wells in the area. The only potentially affected offsetting acreage is the E $\frac{1}{2}$ of Section 23, which is operated by Devon Energy Corporation (Nevada).

POST OFFICE BOX 10
ROSWELL, NEW MEXICO 88202
(505) 622-6510
FAX (505) 623-9332

POST OFFICE BOX 3580
MIDLAND, TEXAS 79702
(915) 683-4691
FAX (915) 683-6518

POST OFFICE BOX 9238
AMARILLO, TEXAS 79105
(806) 372-5569
FAX (806) 372-9761

POST OFFICE BOX 2043
ALBUQUERQUE, NEW MEXICO 87103
(505) 768-1500
FAX (505) 768-1529

401 W. 15TH STREET, SUITE 800
AUSTIN, TEXAS 78701
(512) 476-7137
FAX (512) 476-5431

The proposed well is in the oil-potash area. Although the wellsite is unleased for potash, notice of the application has also been given to the Bureau of Land Management (the mineral owner) and to IMC, which has nominated the SW $\frac{1}{4}$ of Section 23, among other land, for potash leasing.

Copies of this application have been provided to Devon, the BLM, and IMC. A copy of the notice letter is attached as Exhibit C.

This application is submitted in triplicate. Please call me if you need anything further on this matter.

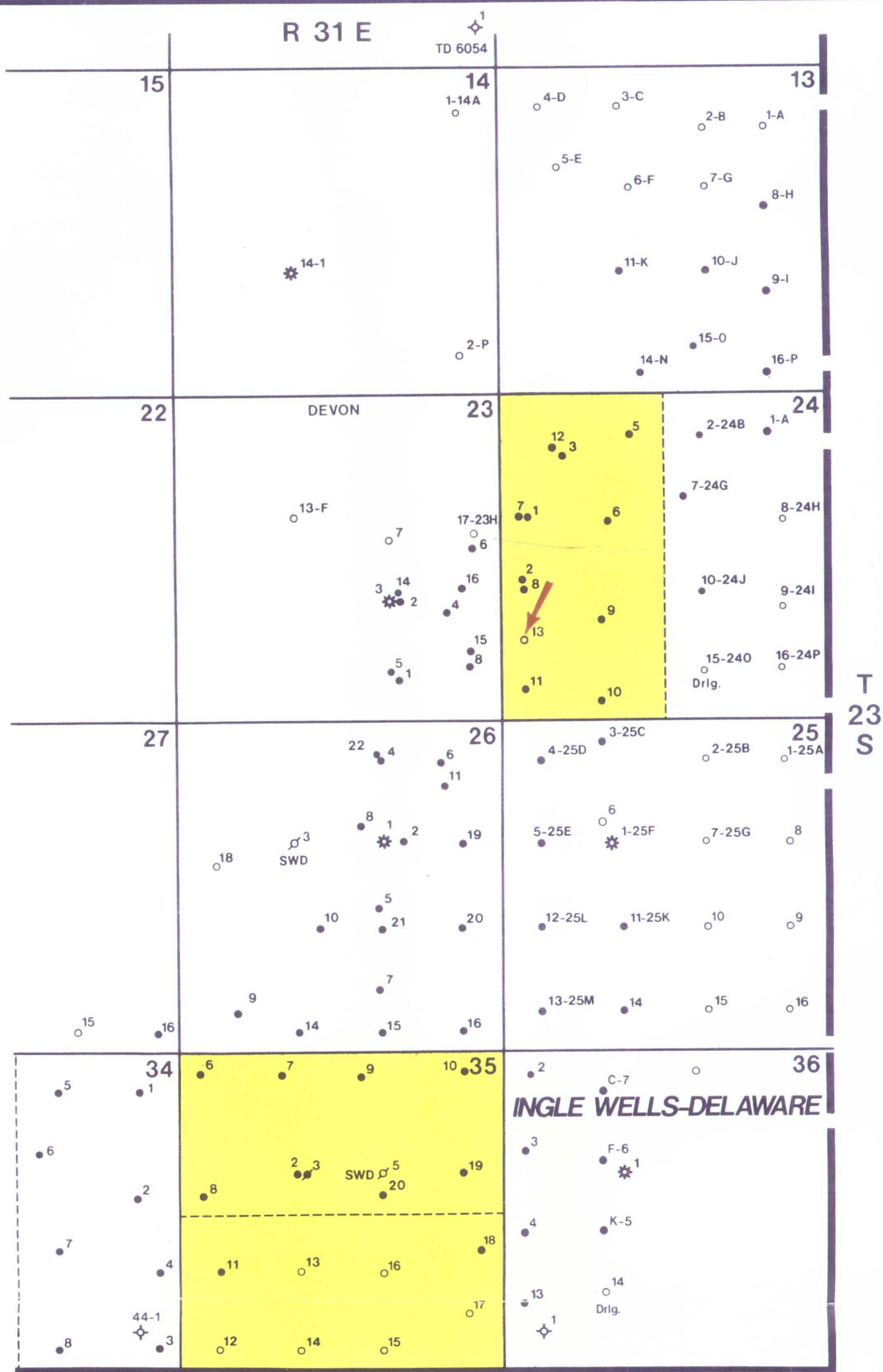
Very truly yours,

HINKLE, COX, EATON, COFFIELD
& HENSLEY, L.L.P.






A handwritten signature in cursive script, appearing to read "James Bruce".

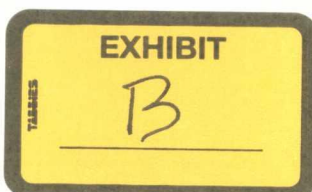
James Bruce

Attorneys for Pogo Producing
Company



LEGEND

-  - POGO LEASEHOLD
-  - PROPOSED LOCATION
-  - WELL LOCATION
-  - COMPLETED DELAWARE OIL PRODUCER
-  - COMPLETED ATOKA/MORROW GAS PRODUCER



POGO PRODUCING COMPANY
WESTERN DIVISION
MIDLAND, TEXAS

SAND DUNES PROSPECT
Eddy County, New Mexico

MAP RELATIVE TO UNORTHODOX LOCATION
FOR POGO'S 1310' FSL & 330' FWL SEC. 24
AMAX "24" FEDERAL WELL #13

9/21/96
SCALE: 1"=2000'

EXHIBIT "B"

**HINKLE, COX, EATON, COFFIELD & HENSLEY,
L.L.P.**

ATTORNEYS AT LAW

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JAMES C. MARTIN**

*NOT LICENSED IN NEW MEXICO

November 7, 1996

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Bureau of Land Management
P.O. Box 1778
Carlsbad, New Mexico 88220

Devon Energy Corporation
Suite 1500
20 North Broadway
Oklahoma City, Oklahoma 73102
Attn: Ken Gray

IMC Kalium Carlsbad
Potash Company
P.O. Box 71
Carlsbad, New Mexico 88220
Attn: Dan Morehouse

Dear Sirs:

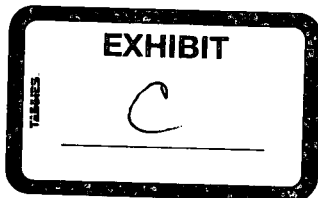
Pogo Producing Company has filed an application at the New Mexico Oil Conservation Division requesting administrative approval to drill the well described below at an unorthodox oil well location:

Amax "24" Fed. Well No. 13
1310' FSL and 330' FWL
§24-23 South-31 East
Eddy County, New Mexico

A copy of the application is attached hereto. If you object to the above well location, you must notify the Division in writing no later than November 27, 1996. The Division's address is 2040 South Pacheco Street, Santa Fe, New Mexico 87505 (Attention: Michael E. Stogner).

Very truly yours,

**HINKLE, COX, EATON, COFFIELD
& HENSLEY, L.L.P.**



James Bruce
James Bruce

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POST OFFICE BOX 2043
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(505) 768-1500
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401 W. 15TH STREET, SUITE 800
AUSTIN, TEXAS 78701
(512) 476-7137
FAX (512) 476-5431

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-40655

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Amax 24 Federal #13

9. API WELL NO.

30-015-29332

10. FIELD AND POOL, OR WILDCAT

Ingle Wells Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 24, T23S, R31E

12. COUNTY OR PARISH

Eddy County

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1A. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

B. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENOV. ☐ Other

APR 02 1997

2. NAME OF OPERATOR

Pogo Producing Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 10340, Midland, TX 79702-7340 (915)682-6822

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1310' FSL & 330' FWL, Section 24, T23S, R31E

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

11/13/96

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OF, RKS, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

12/21/96 12/31/96 1/27/97 3496' GR 3495'

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY

6700' 6652' --- b'-6700'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

6560'-75' Brushy Canyon (MD & TVD)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORRED

DIL-CNL-CBL

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT CEMENTED
13-3/8	54.5#	850'	17-1/2	900 sxs-circ 110 sxs	
8-5/8	24# & 32#	4310'	11	1320 sxs-circ 105 sxs	
5-1/2	15.5#	6700'	7-7/8	1085 sxs-circ 106 sxs	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	6402	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

6560'-75' (30 - .50" dia holes)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6560'-75'	Acidz w/ 1000 gals 7-1/2% HCL
	Frac w/ 23,500# 13-3/16" sand

33. PRODUCTION

DATE FIRST PRODUCTION 1/28/97 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1-1/4" insert WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 1/30/97 HOURS TESTED 24 CHOKER SIZE --- PROD'N. FOR TEST PERIOD --- OIL—BBL. 121 GAS—MCF. 6 WATER—BBL. 122 GAS-OIL RATIO 50:1

LOW TUBING PRESS. --- CASING PRESSURE --- CALCULATED 24-HOUR RATE --- OIL—BBL. 121 GAS—MCF. 6 WATER—BBL. 122 OIL GRAVITY-API (CORR.) 41.2

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

Sold

Jack Burnett

35. LIST OF ATTACHMENTS

C-104, Sundry, Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Ramona Lane

TITLE Senior Operations Engineer

DATE 4/1/97

*(See Instructions and Spaces for Additional Data on Reverse Side)

Form 3150-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 15 1993

Form approved
Budget Bureau No. 1004-D137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER (Specify)

2. TYPE OF COMPLETION:

☒ NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ REPAIR

3. NAME OF OPERATOR

Pogo Producing Company

4. ADDRESS OF OPERATOR

P.O. Box 10340, Midland, Texas 79702-7340 (915) 682-6822

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):

At surface 492' FSL & 330' FWL, Sec. 24, T-23-S, R-31-E

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

03/24/93

12. COUNTY OR

Eddy

13. STATE

New Mexico

15. DATE SPUDDED

06/01/93

16. DATE T.D. REACHED

06/15/93

17. DATE COMPL. (Ready to prod.)

06/23/93

18. ELEVATIONS (OF, BMD, ST. OR, ETC.)*

3494.8' GR

19. ELEV. CASINGHEAD

3493.8'

20. TOTAL DEPTH, MD & TVD

8460'

21. PLUG BACK T.D., MD & TVD

8415'

22. IF MULTIPLE COMPL.

HOW MANY*

23. INTERVALS

0'-8460'

24. INTERVALS

0'-8460'

25. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (If any)

8194'-8255' (MD & TVD)

26. WAS DIRECTIONAL

NO

28. TYPE ELECTRIC AND OTHER LOGS RUN

DIL - CNL - CBL

27. WAS WELL CORROD

No

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.50#	832'	17-1/2"	950 sx-Circ 240 sx	
8-5/8"	24# & 32#	4320'	11"	1800 sx-Circ 250 sx	
5-1/2"	15.5# & 17#	8460'	7-7/8"	1585 sx-Circ 342 sx	

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8224'	N/A

31. PERFORATION RECORD (Interval, size and number)

8194'-8255' (61 - .50 Dia Holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8194'-8255'	Acidize w/1500 gals 7-1/2% HCL
8194'-8255'	Frac w/57,000 gals X-L gel
	+ 62,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
07/02/93		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKS SIZE	PROD. N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
07/10/93	24	--	→	140	134	162	957:1	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	140	134	162	41.6		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

Stan Morgan

35. LIST OF ATTACHMENTS

C-104, Sundries, Deviation Report, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Barrett C. Smith

TITLE

Senior Operations Engineer

DATE

July 14, 1993

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 16 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contacts thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recovered);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Basal Anhydrite	4222'	Log
				Delaware Lime	4458'	Log
				Bell Canyon	4476'	Log
				Cherry Canyon	5362'	Log
				Brushy Canyon	6613'	Log
				Bone Spring	8302'	Log

(November 1983)
(formerly 9-330)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in
instructions on
reverse side)Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR		3. ADDRESS OF OPERATOR		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)		5. FIELD OR LEASE NAME		6. WELL NO.		7. FIELD OR LEASE NAME		8. IF INDIAN, ALLOTTEE OR TRIBE NAME		9. UNIT AGREEMENT NAME		10. FIELD AND POOL OR WILDCAT		11. SEC. T., R. N., OR BLOCK AND SURVEY OR AREA		12. COUNTY OR PARISH		13. STATE																																																																																															
1. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> REPAIR <input type="checkbox"/> PLUG BACK <input type="checkbox"/> REPERFORATE <input type="checkbox"/>		Pogo Producing Company		P.O. Box 10340, Midland, Texas 79702-7340		At surface 2160' FSL & 330' FWL, Section 24, T-23-S, R-31-E		Amax Federal 24		8		Ingle Wells, Delaware		Sec. 24, T-23-S, R-31-E																																																																																																									
14. PERMIT NO.		DATE ISSUED		15. DATE SPOOLED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (OF RKB, RT, CB, ETC.)*		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD		21. PLUG. BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. ROTARY TOOLS		25. CABLE TOOLS		26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORROD																																																																																													
		08-20-92		10-10-92		10-26-92		11-06-92		3491.2 G.R.		3490.2'		8520'		8437'		--		0'-8520'		No				DIL-CNL-CBL		No																																																																																													
28. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		8188'-8263' Brushy Canyon, MD & TVD		29. WAS DIRECTIONAL SURVEY MADE		No																																																																																																																			
30. CASING RECORD (Report all strings set in well)		31. LINER RECORD		32. TUBING RECORD		33. PERFORATION RECORD (Interval, size and number)		34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		35. PRODUCTION		36. LIST OF ATTACHMENTS		37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED		TITLE		DATE																																																																																																					
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*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof; cased intervals; and all drill-stem tests, including depth interval tested, casing used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Basal Anhydrite	4130' Log	
				Lamar Lime	4452' Log	
				Bell Canyon	4504' Log	
				Cherry Canyon	5367' Log	
				Brushy Canyon	6618' Log	
				Bone Spring	8310' Log	

OIL CONSERVATION DIVISION
ARTESIA, NEW MEX. 88210

TO: Mike Stegner
FROM: Bryan Arrant
DATE: 6-23-97

NUMBER OF SHEETS (INCLUDING TRANSMITTAL SHEET) 3

IF YOU HAVE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL 505-748-1283.

FAX NUMBER (505) 748-9720

June 23, 1997

Hello Mike,

Could you tell me what you know about this particular well?? On April 2, 1997 we recieved a C-104 (Request for Allowable and Authorization to Transport). On April 11th I called Pogo and spoke with Linda Fieseler and asked why a NSL approval had not been issued or applied for this well. She told me that she would look into the matter.

Last week on 6/19/97 I called and spoke with Scott McDaniel, a Land Man with Pogo, about what progress had been made and he told me that you had given Pogo some sort of verbal for a NSL at some point in time and he would get with his attorney and get this matter resolved. Let me know what is going on. The C-104 has not been approved and if we discover that oil is being sold from this well without any kind of approval we will take steps to shut the well in.

Thanks,


Bryan

District I
PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Bravo 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-104

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Pogo Producing Company P. O. Box 10340, Midland, TX 79702-7340		OGRID Number 017891
Reason for Filing Code NW		
API Number 30-015-29332	Well Name Ingle Wells Delaware	Pool Code 33745
Property Code 13083	Prop. No. Amax 24 Federal	Well Number 13

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
M	24	23S	31E		1310	South	330	West	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Lea Code F	Producing Method Code Pumping	Gas Connection Date 1/28/97	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
7440	EOTT Operating L.P. P.O. Box 1188, Houston, TX 77252	2172310	0	L/24/23S/31E Amax 24 Federal #8 Battery
32109	LG&E Nat Gath & Proc Co. 921 Sanger, Hobbs, NM 88240-4917	2172330	G	L/24/23S/31E Amax 24 Federal #8 Battery

IV. Produced Water

POD	POD ULSTR Location and Description
2172350	Amax 24 Federal #8 Battery L/24/23S/31E

V. Well Completion Data

Spud Date	Ready Date	TD	FBTD	Perforations
12/21/96	1/27/97	6700'	6652'	6560'-75'
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
17-1/2	13-3/8	850'		900 sxs-circ 110 sxs
11	8-5/8	4310'		1320 sxs-circ 105 sxs
7-7/8	5-1/2	6700'		1085 sxs-circ 106 sxs

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
1/28/97	1/28/97	1/30/97	24 hrs	---	---
Choke Size	Oil	Water	Gas	AOF	Test Method
---	121	122	6		Pumping

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed Name:

Barrett L. Smith

Title:

Senior Operations Engineer

Date:

4/1/97

Phone:

(915) 682-6822

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/11/97 06:56:42
OGOMES -EMDZ
PAGE NO: 2

Sec : 24 Twp : 23S Rng : 31E Section Type : NORMAL

L 40.00 Federal owned R A A	K 40.00 Federal owned R A	J 40.00 Federal owned R A	I 40.00 Federal owned R A
M 40.00 Federal owned R A A	N 40.00 Federal owned R A	O 40.00 Federal owned R A	P 40.00 Federal owned R A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4339
Order No. R-3948

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING, CONTRACTING, AND EXTENDING
CERTAIN POOLS IN CHAVES, EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 15, 1970, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 22nd day of April, 1970, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Tower-San Andres Pool. Further, that the discovery well for said pool, the Phillips Petroleum Company Marley "A" Well No. 1, located in Unit P of Section 3, Township 11 South, Range 31 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 20,740 barrels to be assigned over a two-year period. Said discovery well was completed in the San Andres formation on February 9, 1970. The top of the perforations is at 4148 feet.

(3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Saunders Lime formation, said pool to bear the designation of Tres Papalotes-Pennsylvanian Pool. Further, that the discovery well for said pool, the Lone Star Producing Company New Mexico (80) State Well No. 1, located in Unit B of Section 33, Township 14 South, Range 34 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 52,340 barrels to be assigned over a two-year period. Said discovery well was completed in the Saunders Lime formation on February 1, 1970. The top of the perforations is at 10,468 feet.

(4) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Cherry Canyon formation, said pool to bear the designation of Sand Dunes-Cherry Canyon Pool. Said Sand Dunes-Cherry Canyon Pool was discovered by the Texas American Oil Corporation Todd "26" Federal Well No. 2, located in Unit G of Section 26, Township 23 South, Range 31 East, NMPM. It was completed in the Cherry Canyon formation on February 24, 1970. The top of the perforations is at 6012 feet.

(5) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Devonian formation, said pool to bear the designation of Warren-Devonian Pool. Said Warren-Devonian Pool was discovered by the Continental Oil Company Semu Burger B Well No. 58, located in Unit C of Section 29, Township 20 South, Range 38 East, NMPM. It was completed in the Devonian formation on February 9, 1970. The top of the perforations is at 7783 feet.

(6) That there is need for the contraction of the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage in order that said acreage may be placed in the Vada-Pennsylvanian Pool.

(7) That there is need for certain extensions to the Buffalo Valley-Pennsylvanian Gas Pool and the Round Tank-Queen Pool, both in Chaves County, New Mexico, the Eagle Creek-San Andres Pool and the Shugart Pool, both in Eddy County, New Mexico, the East Caprock-Devonian Pool, the South Eunice-San Andres Pool, the Maljamar Grayburg-San Andres Pool, and the Quail Ridge-Morrow Gas Pool, all in Lea County, New Mexico, and the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Tower-San Andres Pool, consisting of the following-described area:

TOWNSHIP 11 SOUTH, RANGE 31 EAST, NMPM
Section 3: SE/4

That the discovery well for said pool, Phillips Petroleum Company's Marley "A" Well No. 1, located in Unit P of Section 3, Township 11 South, Range 31 East, NMPM, is hereby authorized an oil discovery allowable of 20,740 barrels to be assigned to said well at the rate of 29 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Saunders Lime production, is hereby created and designated as the Tres Papalotes-Pennsylvanian Pool, consisting of the following-described area:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
Section 33: NE/4

That the discovery well for said pool, Lone Star Producing Company's New Mexico (80) State Well No. 1, located in Unit B of Section 33, Township 14 South, Range 34 East, NMPM, is hereby authorized an oil discovery allowable of 52,340 barrels to be assigned to said well at the rate of 72 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(c) That a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production, is hereby created and designated as the Sand Dunes-Cherry Canyon Pool, consisting of the following-described area:

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM
Section 26: SW/4 NE/4

(d) That a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, is hereby created and designated as the Warren-Devonian Pool, consisting of the following-described area:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 29: NW/4

CASE No. 4339
Order No. R-3948

(e) That the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 27 EAST, NMPM
Section 26: S/2

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM
Section 1: E/2
Section 12: W/2

(f) That the East Caprock-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM
Section 23: NE/4

(g) That the Eagle Creek-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
Section 23: NW/4 NW/4

(h) That the South Eunice-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 11: NE/4

(i) That the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 9: NE/4
Section 10: NW/4

(j) That the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 20: All

(k) That the Round Tank-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
Section 30: W/2 NW/4 and NW/4 SW/4

(l) That the Shugart Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 25: W/2 NW/4

(m) That the Bough Permo-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
Section 14: S/2

(n) That the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 26: NW/4
Section 27: NE/4

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 13: S/2

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
Section 18: S/2

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
Section 10: SE/4
Section 14: S/2
Section 15: NE/4
Section 23: NW/4

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue

CASE No. 4339

Order No. R-3948

of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, contractions, and extensions included herein shall be May 1, 1970.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

S E A L

A. L. PORTER, Jr., Member & Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐

B. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Pogo Producing Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 10340, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 1310' FSL & 330' FWL of Section 24

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21 miles east of Loving, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

990'

19. PROPOSED DEPTH

6700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3496' Ground Level

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# J-55	800'	750 sx (circ)
11"	8-5/8"	24, 32# J-55	4300'	1500 sx (circ)
7-7/8"	5-1/2"	15.5# J55	4600'	1450 sx (circ)

Secretaries Petash

The operator proposes to drill to a depth sufficient to test the Delaware for oil. Specific programs are outlined in the following attachments:

DRILLING PROGRAM

SURFACE USE AND OPERATING PLAN

EXHIBIT A - ROAD MAP

EXHIBIT B - EXISTING WELL MAP

EXHIBIT C - LOCATION AND ACREAGE DEDICATION PLAT

EXHIBIT C-1 - TOPO MAP

EXHIBIT D - DRILLING AND RIG LAYOUT

EXHIBIT E - 3M BOP EQUIPMENT

NSL-

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James M. C. Petash Jr.

TITLE

Agent

DATE

11/13/96

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Richard A. Whitley

TITLE

Acting STATE Director

DATE

12-13-96

*See Instructions On Reverse Side

DISTRICT I

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

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Axtec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 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 30-015-29332	Pool Code 33745	Pool Name Ingle Wells Delaware
Property Code	Property Name AMAX "24" FEDERAL	Well Number 13
OGED No.	Operator Name POGO PRODUCING COMPANY	Elevation

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	24	23 S	31 E		1310	SOUTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

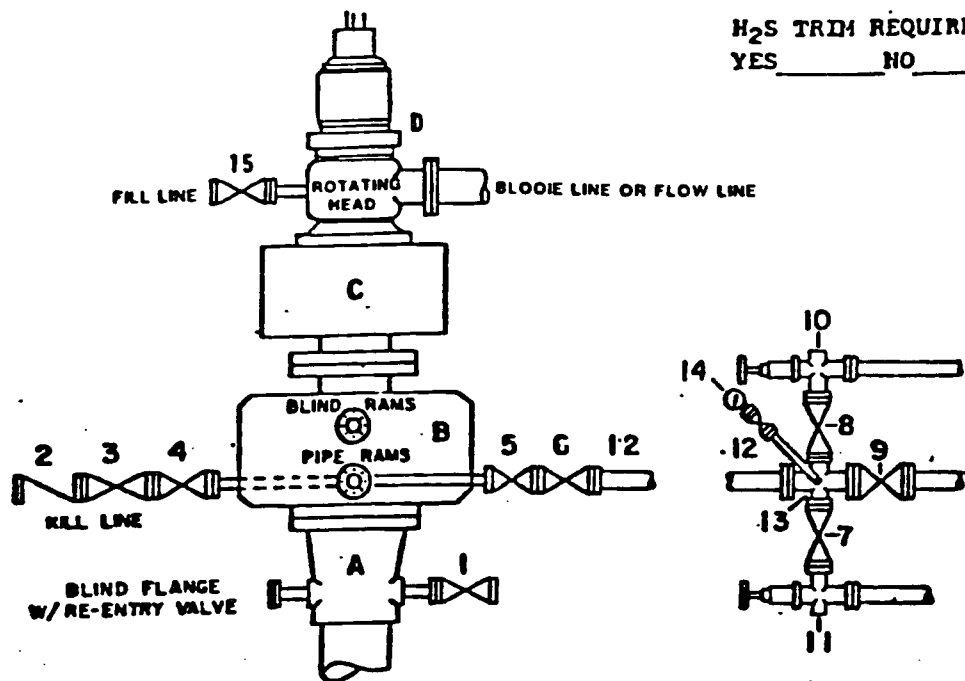
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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 style="text-align: center;">EXHIBIT "C"</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><u>James M.C. Ritchie, Jr.</u> Signature</p> <p><u>JAMES M.C. Ritchie, Jr.</u> Printed Name</p> <p><u>AGENT</u> Title</p> <p><u>NOV. 15th, 1996</u> 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><u>NOVEMBER 15, 1996</u> Date Surveyed</p> <p><u>JLP</u> Signature & Seal of Professional Surveyor</p> <p><u>Ronald J. Eidson 11-15-96</u> W.O. Num. 96-11-1515</p> <p>Certificate No. JOHN W. WEST, 876 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12841</p>

DRILLING CONTROL **CONDITION III-B 3000 PSI WP**



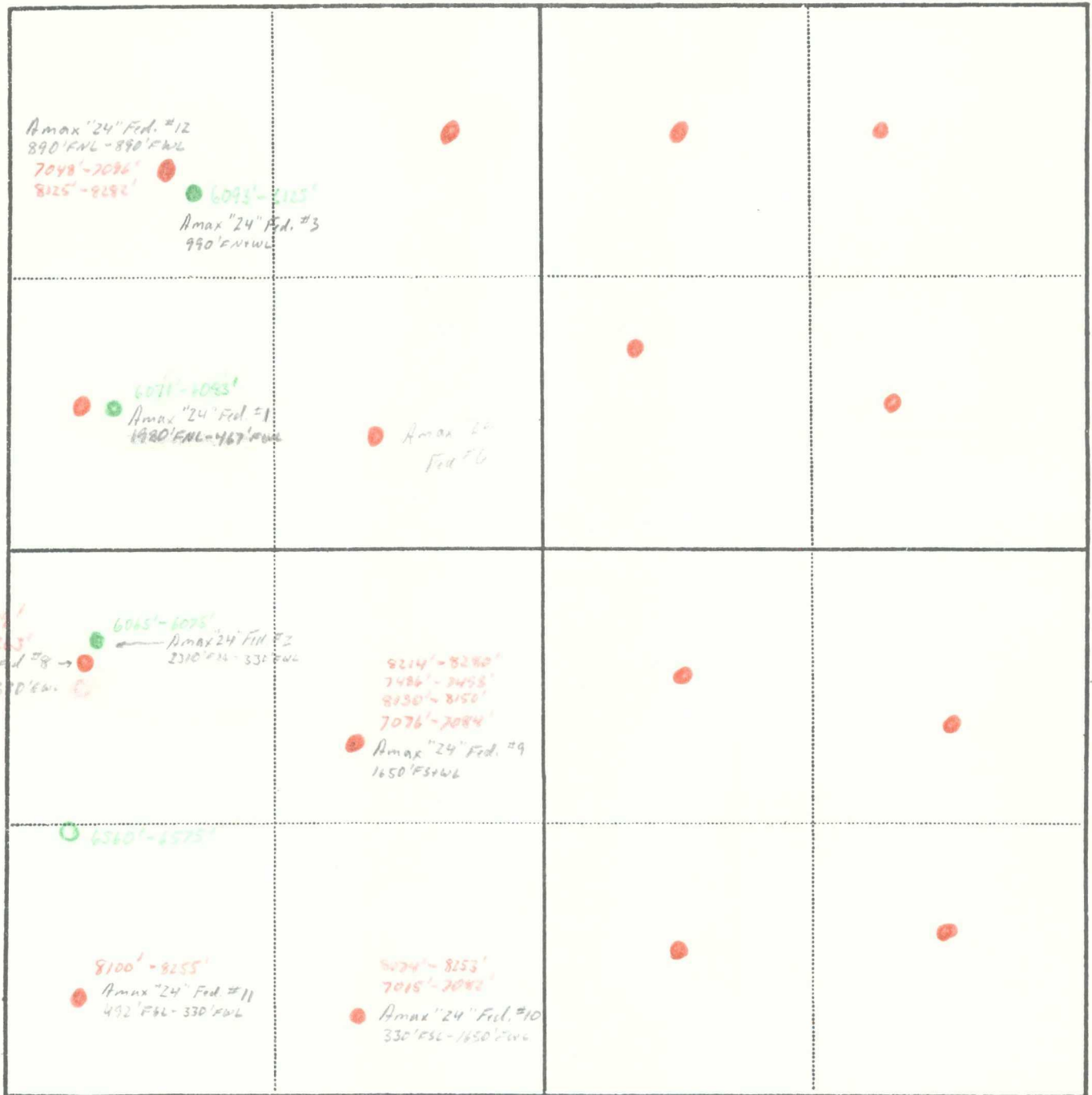
H₂S TRIM REQUIRED
 YES _____ NO _____

DRILLING CONTROL **MATERIAL LIST - CONDITION III - B**

- | | |
|----------------|---|
| A | Wellhead |
| B | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram preventers may be utilized with 3000# W.P. drilling spool with 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. The drilling spool is to be installed below the single ram type preventers). |
| C | 3000# W.P. Annular Preventer with 1" steel, 3000# W.P. control lines. |
| D | Rotating Head with fill up outlet and extended Bleed line. |
| 1,3,4,
7,8, | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 2 | 2" minimum 3000# W.P. back pressure valve. |
| 5,6,9 | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 12 | 3" minimum Schedule 80, Grade B, seamless line pipe. |
| 13 | 2" minimum x 3" minimum 3000# W.P. flanged cross. |
| 10,11 | 2" minimum 3000# W.P. adjustable choke bodies. |
| 14 | Cameron Mud Gauge or equivalent (location optional in Choke line). |
| 15 | 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve. |

SCALE	DATE	EST. NO.	DWG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT E

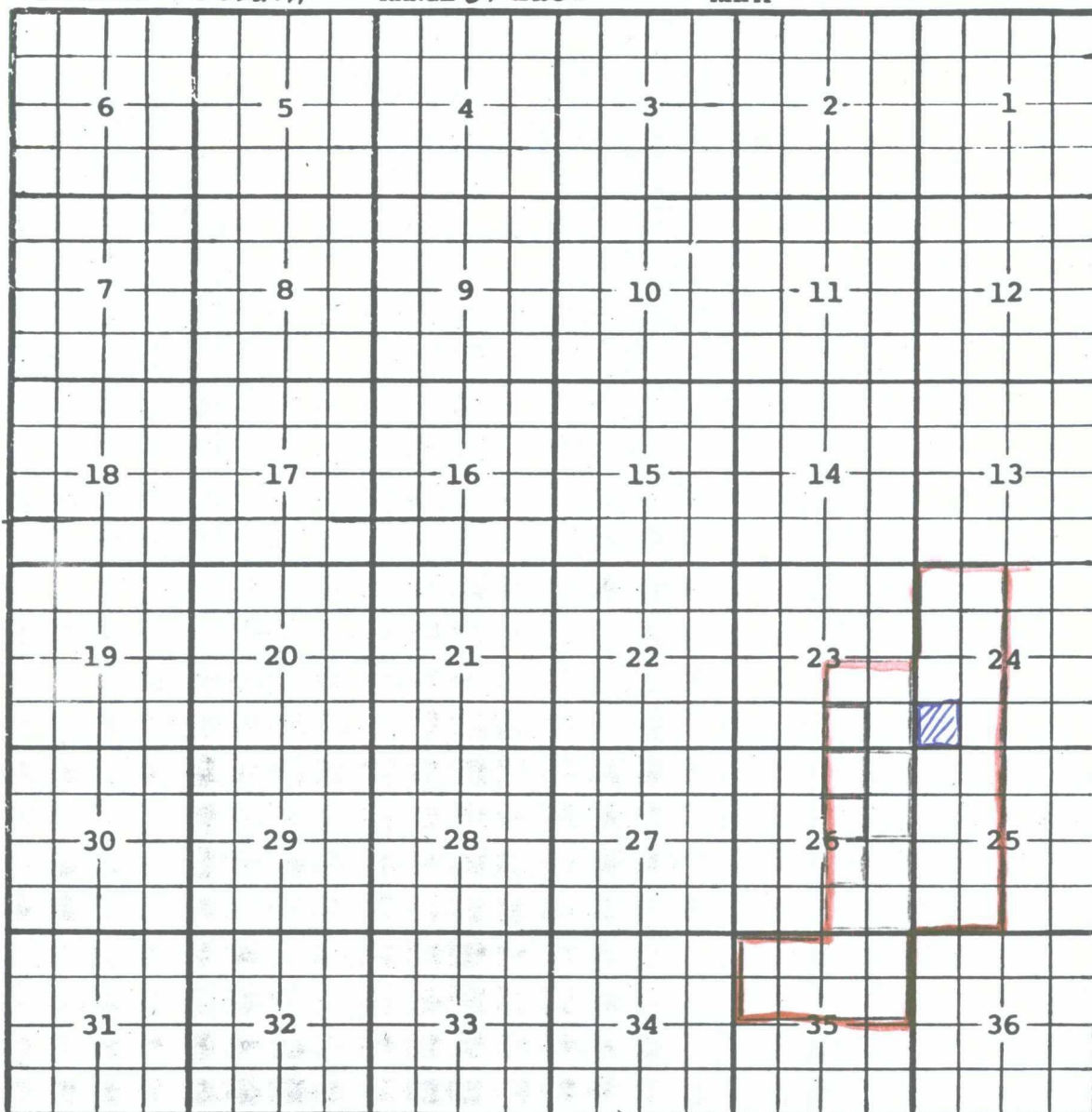


● Sand Dunes - Cherry Canyon oil wells

● Ingle Wells - Delaware oil wells

COUNTY EddyPOOL Sand Dunes - Cherry CanyonTOWNSHIP 23 SouthRANGE 31 East

NMPM



Description: $\frac{SW}{4} \frac{NE}{4}$ Sec 26 (R-3948, 5-1-70)

Ext: $\frac{NW}{4} \frac{NE}{4}$ Sec 26 (R-4377, 9-1-72) - $\frac{SW}{4} \frac{SE}{4}$ Sec 23 (R-4540, 6-1-73)

Ext: $\frac{NW}{4} \frac{SE}{4}$ Sec 26 (R-4782, 6-1-74) Ext: $\frac{E}{2} \frac{NE}{4}$ Sec 26 (R-4937, 2-1-75)

Ext: $\frac{NE}{4} \frac{SE}{4}$ & $\frac{S}{2} \frac{SE}{4}$ Sec 26 (R-5063, 7-1-75)

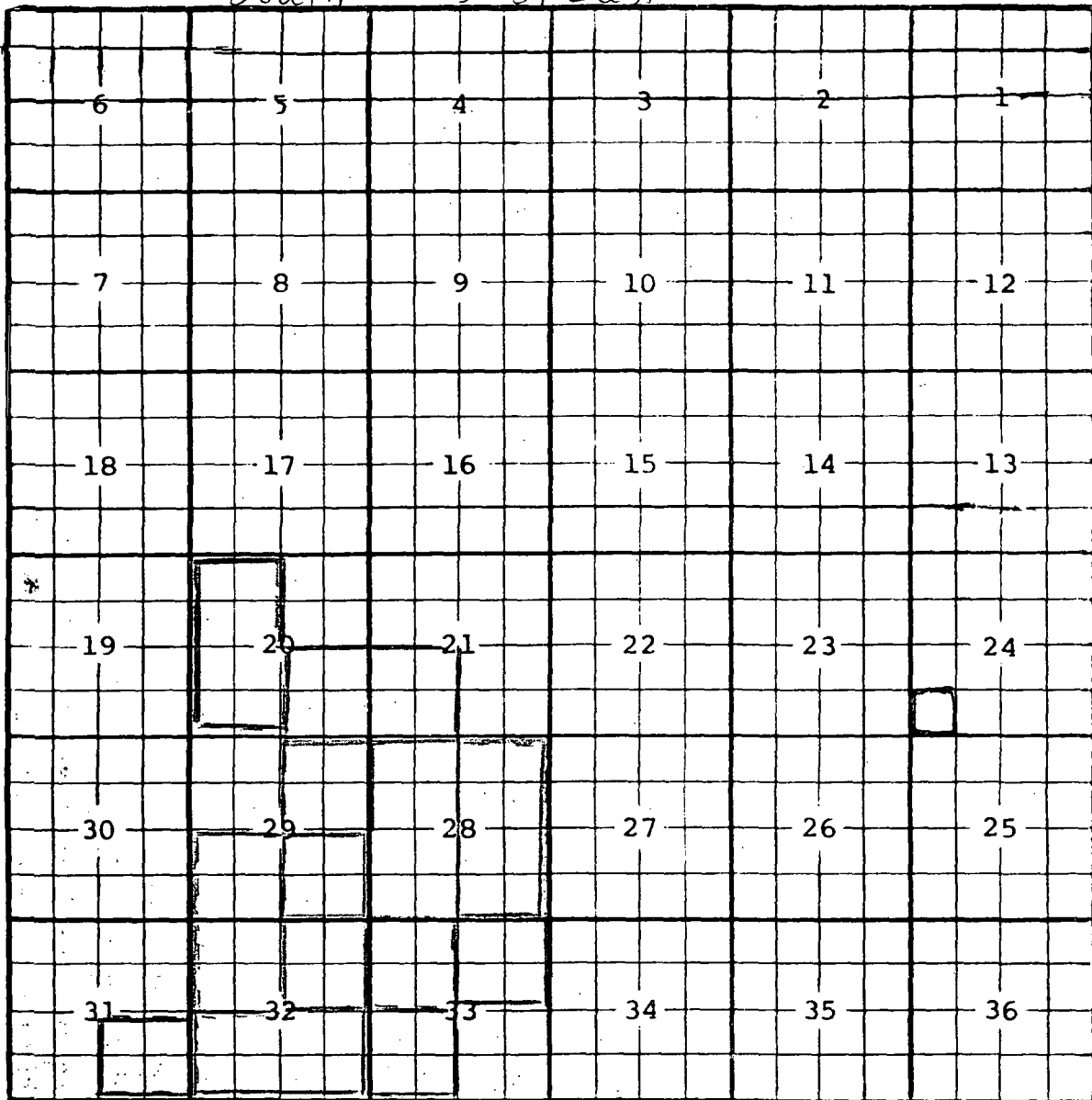
Ext: $\frac{E}{2} \frac{SE}{4}$ & $\frac{NW}{4} \frac{SE}{4}$ Sec 23 (R-5838, 11-1-78)

Ext: $\frac{W}{2}$ Sec. 24, $\frac{W}{2}$ Sec. 25 (R-8065, 10-31-85)

Ext: $\frac{N}{2}$ Sec. 35 (A-8229, 5-19-86)

County Eddy Pool West Sand Dunes-Delaware

TOWNSHIP 23 South Range 31 East NMPM



Description: SE 1/4 Sec. 29 (R-9709, 8-25-92)

Ext: NE 1/4 Sec. 32 (R-9771, 11-19-92) Ext: W 1/2 Sec. 28 (R-9837, 1-22-93)

Ext: S 1/2 Sec. 32 (R-9844, 2-8-93) Ext: NE 1/4 and SW 1/4 Sec. 29, NW 1/4 Sec. 32

(R-9884, 4-26-93) Ext: SE 1/4 Sec. 20, SW 1/4 Sec. 21, E 1/2 Sec. 28, NW 1/4 Sec. 23 (R-9938, 8-17-93)

Ext: NE 1/4 Sec. 33 (R-9963, 9-20-93) Ext: SW 1/4 Sec. 33 (R-10042, 12-28-93)

Ext: SE 1/4 Sec. 31 (R-10124, 5-31-94) Ext: W 1/2 Sec. 20 (R-10529, 12-28-95)

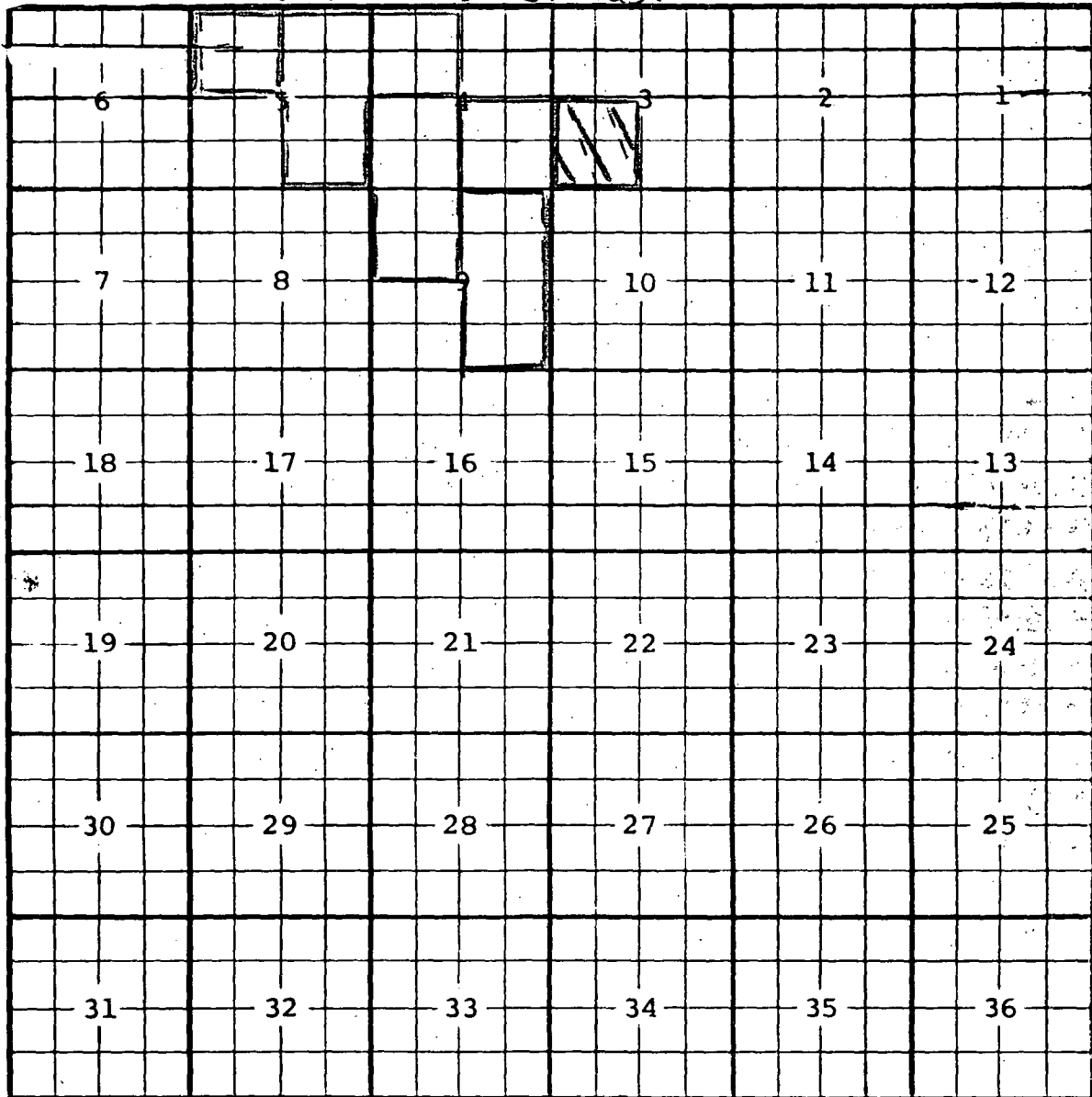
County Eddy

Pool West Sand Dunes - Delaware

TOWNSHIP 24 South

Range 31 East

NMPM



Ext: $\text{NW}/4$ Sec. 5 (R-9938, 8-17-93) Ext: $\text{NW}/4$ Sec. 4, $\text{E}/2$ Sec. 5 (R-10042, 12-28-93)

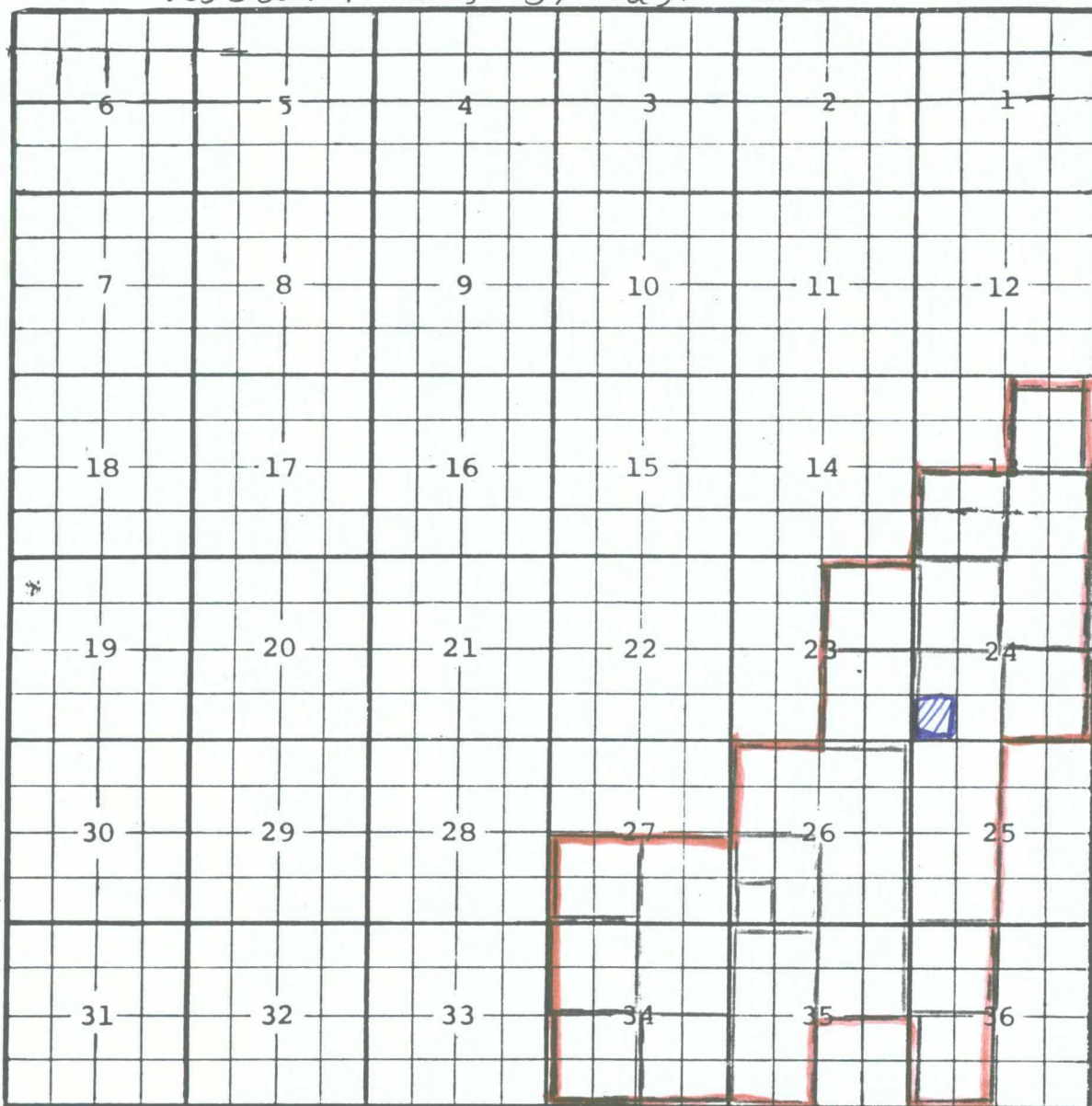
Ext: $\text{SW}/4$ Sec. 4, $\text{NW}/4$ Sec. 9 (R-10124, 5-31-94)

Ext: $\text{E}/2$ Sec. 9 (R-10324, 3-7-95) Ext: $\text{SW}/4$ Sec. 3, $\text{SE}/4$ Sec. 4 (R-10343, 4-24-95)

Delete $\text{SW}/4$ Sec. 3 (R-10529, 12-28-95)

County Eddy Pool Ingle Wells - Delaware

TOWNSHIP 23 South Range 31 East NMPM



Ext: $\frac{W}{2}$ Sec. 35 (R-9578, 9-10-91) Ext: $\frac{SW}{4}$ Sec. 26 (R-9837, 1-27-93)

Ext: $\frac{N}{2}$ $\frac{SW}{4}$ and $\frac{SE}{4}$ $\frac{SW}{4}$ Sec. 26 (R-9844, 2-8-93)

Ext: $\frac{SE}{4}$ Sec. 27, $\frac{NE}{4}$ Sec. 34 (R-9884, 4-21-93)

Ext: $\frac{N}{2}$ and $\frac{SE}{4}$ Sec. 26, $\frac{NE}{4}$ Sec. 35 (R-9938, 8-17-93)

Ext: $\frac{SW}{4}$ Sec. 24, $\frac{W}{2}$ Sec. 25 (R-9963, 9-20-93)

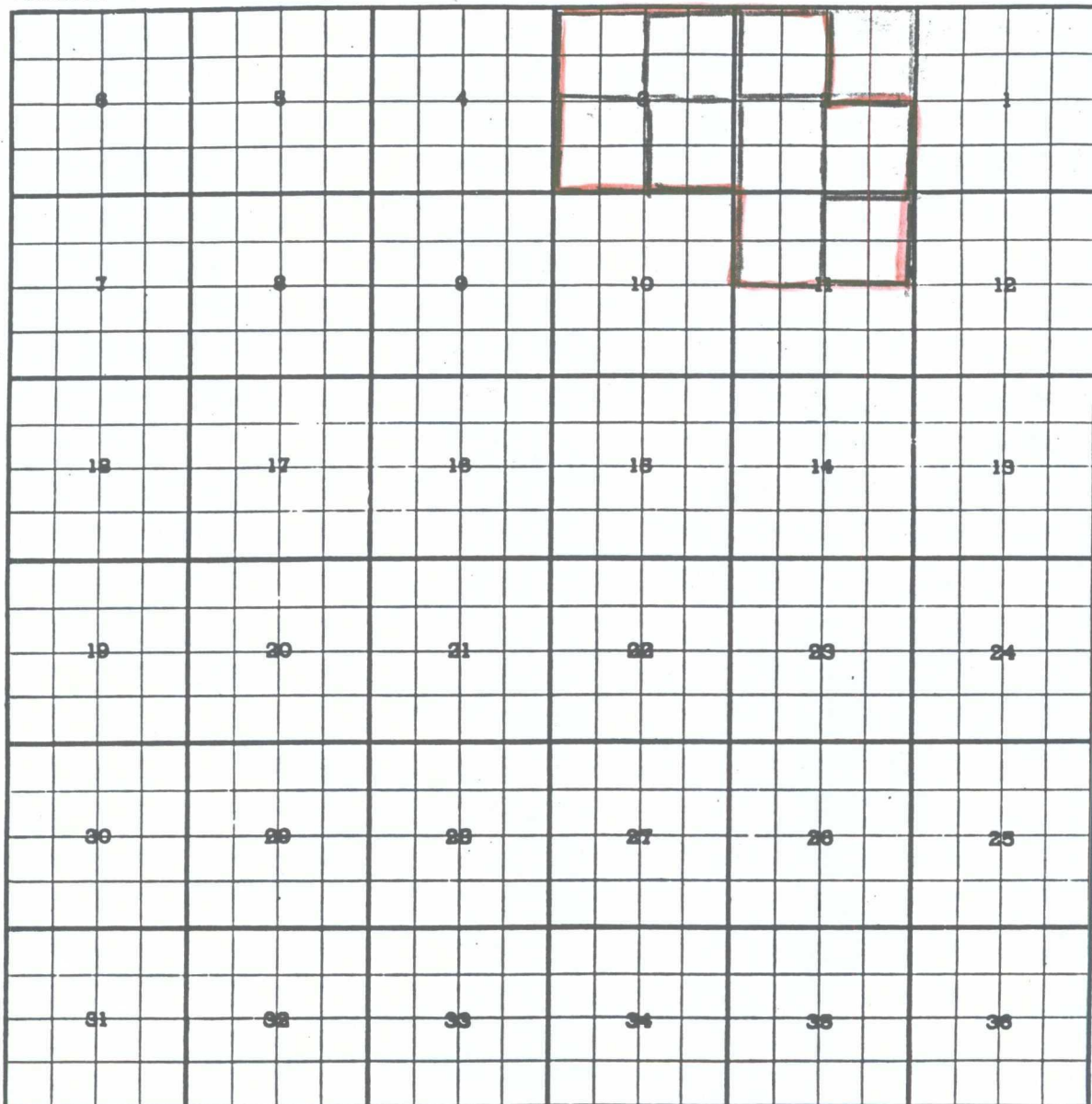
Ext: $\frac{SE}{4}$ Sec. 23, $\frac{NW}{4}$ Sec. 24, $\frac{NW}{4}$ Sec. 36 (R-10042, 12-28-93)

Ext: $\frac{SW}{4}$ Sec. 27, $\frac{SE}{4}$ Sec. 34 (R-10124, 5-31-94) Ext: $\frac{NW}{4}$ Sec. 34 (R-10324, 3-7-95)

Ext: $\frac{SW}{4}$ Sec. 34 (R-10343, 4-24-95) Ext: $\frac{NE}{4}$ Sec. 23 (R-10376, 5-24-95)

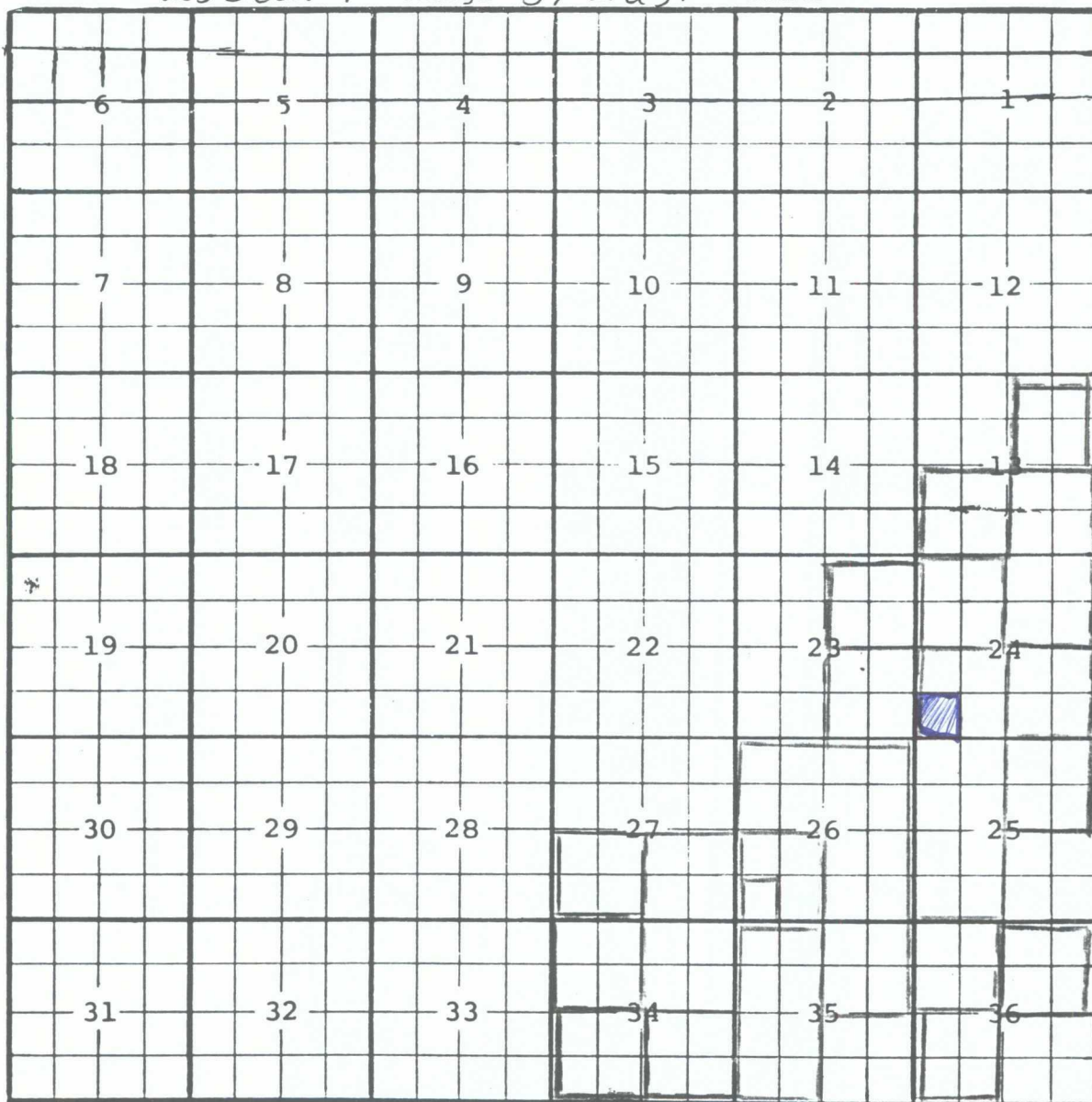
Ext: $\frac{SE}{4}$ Sec. 13, $\frac{NE}{4}$ Sec. 24, $\frac{SW}{4}$ Sec. 36 (R-10377, 6-2-95) Ext: $\frac{SW}{4}$ Sec. 13 (R-10420, 7-17-95)

Ext: $\frac{NE}{4}$ Sec. 13 (R-10664, 9-16-96) Ext: $\frac{SE}{4}$ Sec. 24 (R-10713, 11-26-96)

County EODYPool INGLEWELLS-DELAWARETOWNSHIP 24 S, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIANDESC: NW/4 SEC 2 (R-8969, 8-1-89)Ext: SW/4 Sec. 2, NW/4 Sec. 11 (R-10042, 12-28-93) Ext: NE/4 Sec. 3 (R-10159, 7-26-94)Ext: NW/4 Sec. 3 (R-10234, 11-7-94) Ext: SE/4 Sec. 3 (R-10377, 6-2-95)Ext: SW/4 Sec. 3 (R-10529, 12-28-95) Ext: NE/4 Sec. 11 (R-10642, 8-19-96)Ext: SE/4 Sec. 2 (R-10713, 11-26-96)

County Eddy Pool Ingle Wells - Delaware

TOWNSHIP 23 South Range 31 East NMPM



Ext: $\frac{W}{2}$ Sec. 35 (R-9578, 9-10-91) Ext: $\frac{SW}{4}$ Sec. 26 (R-9837, 1-27-93)

Ext: $\frac{N}{2}$ $\frac{SW}{4}$ and $\frac{SE}{4}$ $\frac{SW}{4}$ Sec. 26 (R-9844, 2-8-93)

Ext: $\frac{SE}{4}$ Sec. 27, $\frac{NE}{4}$ Sec. 34 (R-9884, 4-26-93)

Ext: $\frac{N}{2}$ and $\frac{SE}{4}$ Sec. 26, $\frac{NE}{4}$ Sec. 35 (R-9938, 8-17-93)

Ext: $\frac{SW}{4}$ Sec. 24, $\frac{W}{2}$ Sec. 25 (R-9963, 9-20-93)

Ext: $\frac{SE}{4}$ Sec. 23, $\frac{NW}{4}$ Sec. 24, $\frac{NW}{4}$ Sec. 36 (R-10042, 12-28-93)

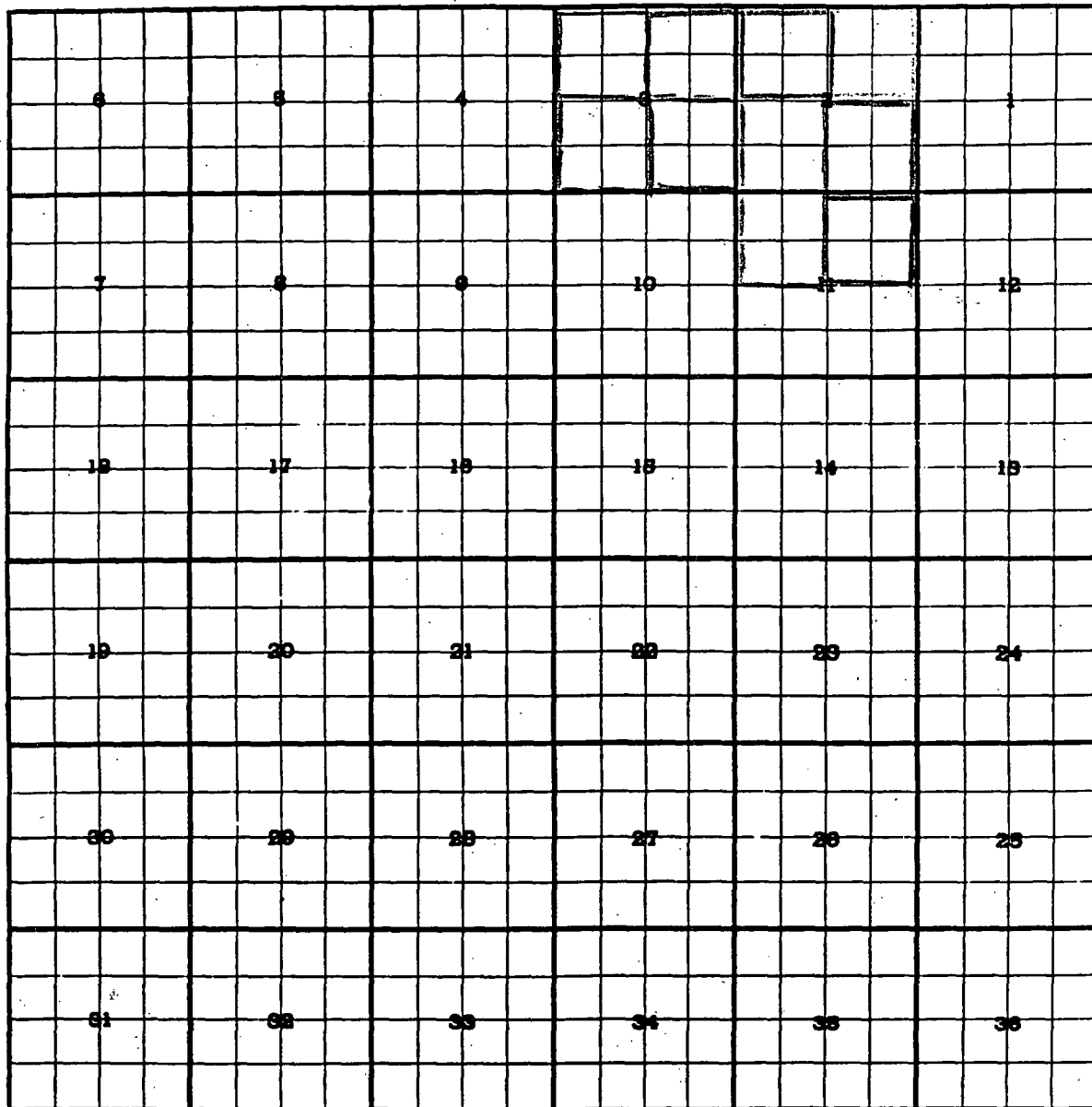
Ext: $\frac{SW}{4}$ Sec. 27, $\frac{SE}{4}$ Sec. 34 (R-10124, 5-31-94) Ext: $\frac{NW}{4}$ Sec. 34 (R-10324, 3-7-95)

Ext: $\frac{SW}{4}$ Sec. 34 (R-10343, 4-24-95) Ext: $\frac{NE}{4}$ Sec. 23 (R-10376, 5-24-95)

Ext: $\frac{SE}{4}$ Sec. 13, $\frac{NE}{4}$ Sec. 24, $\frac{SW}{4}$ Sec. 36 (R-10377, 6-2-95) Ext: $\frac{SW}{4}$ Sec. 13 (R-10420, 7-17-95)

Ext: $\frac{NE}{4}$ Sec. 13 (R-10664, 9-16-96) Ext: $\frac{SE}{4}$ Sec. 24 (R-10713, 11-26-96)

Ext: $\frac{NE}{4}$ Sec. 25, $\frac{NE}{4}$ Sec. 36 (R-10787, 4-9-97)

County E00YPool INGLEWELLS-DELAWARETOWNSHIP 24S RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIANDESC: NW/4 SEC 2 (R-8969, 8-1-89)Ext: SW/4 Sec. 2, NW/4 Sec. 11 (R-10042, 12-28-93) Ext: NE/4 Sec. 3 (R-10159, 7-26-94)Ext: NW/4 Sec. 3 (R-10234, 11-2-94) Ext: SE/4 Sec. 3 (R-10322, 6-2-95)Ext: SW/4 Sec. 3 (R-10529, 12-28-95) Ext: NE/4 Sec. 11 (R-10642, 8-19-96)Ext: SE/4 Sec. 2 (R-10713, 11-26-96)

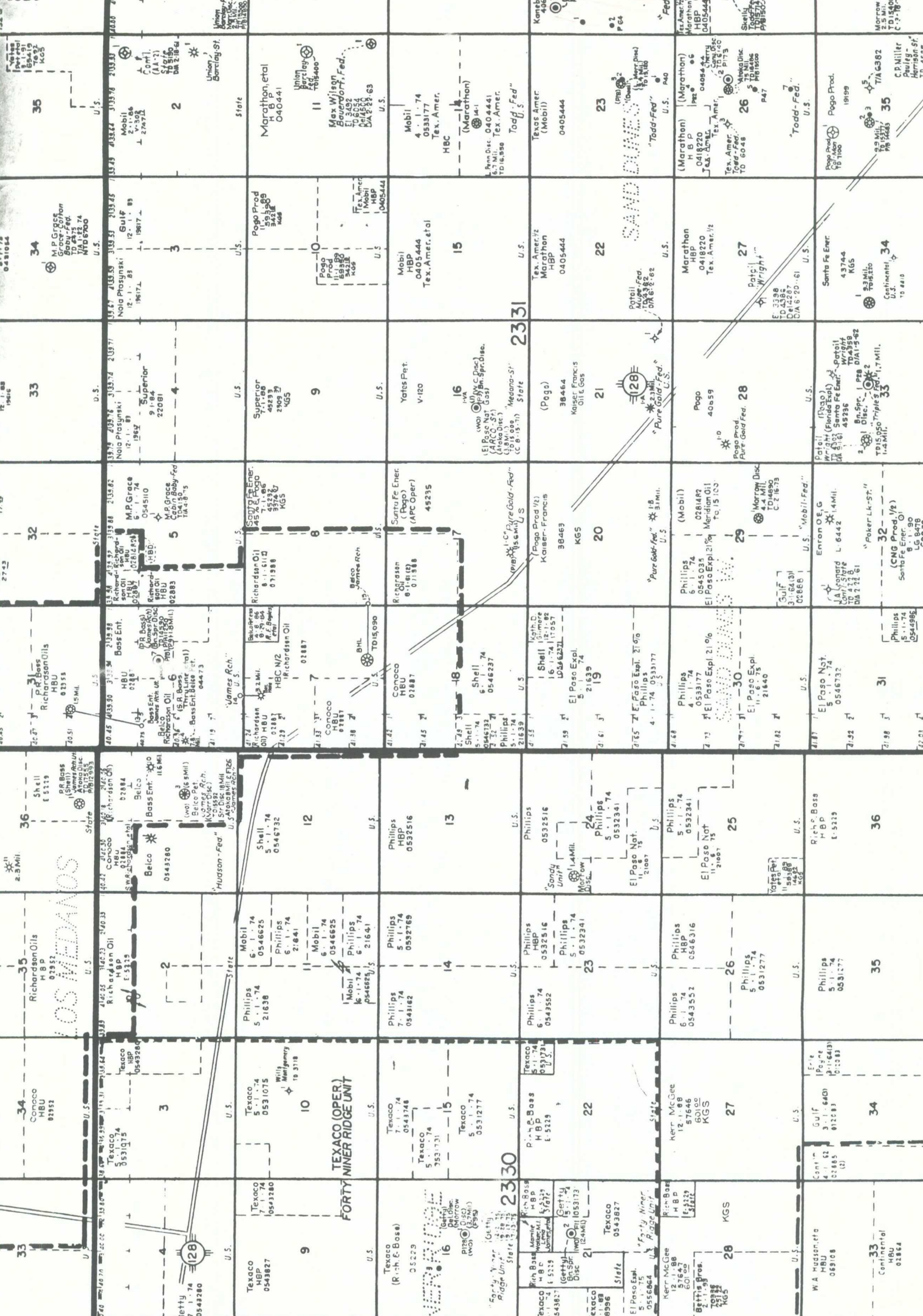
LOS MEDANOS

TEXACO (OPER)
FORTY NINER RIDGE UNIT

2330

2331

2335



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 11249
Order No. R-10342

THE APPLICATION OF THE OIL CONSERVATION
DIVISION UPON ITS OWN MOTION FOR AN
ORDER CREATING, CONTRACTING VERTICAL
LIMITS, REDESIGNATING, AND EXTENDING
CERTAIN POOLS IN LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on April 6, 1995, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 24th day of April, 1995, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Cinta Roja-Delaware Pool. Said Cinta Roja-Delaware Pool was discovered by the Pogo Producing Company Antelope 5 Federal Well No. 1 located in Unit F of Section 5, Township 24 South, Range 35 East, NMPM. It was completed in the Delaware formation on December 30, 1994. The top of the perforations is at 8,640 feet.

(3) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of

Case No. 11249
Order No. R-10342
-2-

Fairview Mills-Bone Spring Pool. Said Fairview Mills-Bone Spring Pool was discovered by the Enron Oil and Gas Company Fairview 14 Fee Well No. 1 located in Unit G of Section 14, Township 25 South, Range 34 East, NMPM. It was completed in the Bone Spring formation on January 18, 1995. The top of the perforations is at 12,390 feet.

(4) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Salt Lake-Atoka Gas Pool. Said Salt Lake-Atoka Gas Pool was discovered by the TOCO LLC Hanson State Well No. 1 located in Unit N of Section 13, Township 20 South, Range 32 East, NMPM. It was completed in the Atoka formation on January 27, 1995. The top of the perforations is at 12,220 feet.

(5) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of South Salt Lake-Delaware Pool. Said South Salt Lake-Delaware Pool was discovered by the Strata Production Company Sam H. Snoddy Federal Well No. 1 located in Unit A of Section 26, Township 20 South, Range 32 East, NMPM. It was completed in the Delaware formation on August 19, 1993. The top of the perforations is at 6,236 feet.

(6) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Salt Lake-Morrow Gas Pool. Said Salt Lake-Morrow Gas Pool was discovered by the TOCO LLC Hanson State Well No. 1 located in Unit N of Section 13, Township 20 South, Range 32 East, NMPM. It was completed in the Morrow formation on September 1, 1994. The top of the perforations is at 13,032 feet.

(7) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Strawn formation, said pool to bear the designation of San Simon-Strawn Pool. Said San Simon-Strawn Pool was discovered by the Mitchell Energy Corporation San Simon 5 State Well No. 2 located in Unit G of Section 5, Township 22 South, Range 35 East, NMPM. It was completed in the Strawn formation on November 17, 1994. The top of the perforations is at 11,696 feet.

(8) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the San

Case No. 11249
Order No. R-10342
-3-

Andres formation, said pool to bear the designation of Warren-San Andres Pool. Said Watren-San Andres Pool was discovered by the Conoco Inc. Warren Unit Well No. 108 located in Unit J of Section 28, Township 20 South, Range 38 East, NMPM. It was completed in the San Andres formation on January 15, 1995. The top of the perforations is at 4,434 feet.

(9) There is need for the contraction of the vertical limits of the Querecho Plains-Pennsylvanian Pool in Lea County, New Mexico, to include only the Strawn formation and the redesignation of said pool as the Querecho Plains-Strawn Pool.

(10) There is need for certain extensions to the Antelope Ridge-Cherry Canyon Pool, the East Bell Lake-Delaware Pool, the DK-Drinkard Pool, the East EK-Queen Pool, the Southwest Jabalina-Atoka Gas Pool, the East Livingston Ridge-Delaware Pool, the North Lusk-Morrow Gas Pool, the Mesa Verde-Bone Spring Pool, the Monument-Tubb Pool, the Pearsall-Queen Pool, the Pitchfork Ranch-Atoka Gas Pool, the Red Hills-Bone Spring Pool, the Red Tank-Bone Spring Pool, the West Red Tank-Delaware Pool, the South Sand Dunes-Bone Spring Pool, the North Teague Drinkard-Abo Pool, the North Teague Lower Paddock-Blinebry Associated Pool, the North Teague-Tubb Associated Pool, and the Northwest Townsend-Abo Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED THAT:

(a) A new pool in Lea County, New Mexico, classified as an oil pool for Delaware production is hereby created and designated as the Cinta Roja-Delaware Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM
Section 5: NW/4

(b) A new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Fairview Mills-Bone Spring Pool, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM
Section 14: NE/4

(c) A new pool in Lea County, New Mexico, classified as a gas pool for Atoka production is hereby created and

Case No. 11249
Order No. R-10342

-4-

designated as the Salt Lake-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM
Section 13: S/2

(d) A new pool in Lea County, New Mexico, classified as an oil pool for Delaware production is hereby created and designated as the South Salt Lake-Delaware Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM
Section 26: NE/4

(e) A new pool in Lea County, New Mexico, classified as a gas pool for Morrow production is hereby created and designated as the Salt Lake-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM
Section 13: S/2

(f) A new pool in Lea County, New Mexico, classified as an oil pool for Strawn production is hereby created and designated as the San Simon-Strawn Pool, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
Section 5: NE/4

(g) A new pool in Lea County, New Mexico, classified as an oil pool for San Andres production is hereby created and designated as the Warren-San Andres Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 28: SE/4

(h) The vertical limits of the Querecho Plains-Pennsylvanian Pool in Lea County, New Mexico, are hereby contracted to include only the Strawn formation and said pool is hereby redesignated as the Querecho Plains-Strawn Pool.

(i) The Antelope Ridge-Cherry Canyon Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Case No. 11249
Order No. R-10342
-5-

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 10: NE/4

(j) The East Bell Lake-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 33: NE/4
Section 34: NW/4

(k) The DK-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM
Section 29: W/2

(l) The East EK-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
Section 15: SW/4
Section 22: N/2 NW/4

(m) The Southwest Jabalina-Atoka Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 35 EAST, NMPM
Section 19: SW/4
Section 30: W/2

(n) The East Livingston Ridge-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM
Section 3: SW/4
Section 4: SE/4

(o) The North Lusk-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Case No. 11249
Order No. R-10342
-6-

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 22: W/2

(p) The Mesa Verde-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
Section 6: W/2

(q) The Monument-Tubb Pool in Lea County, new Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 3: NE/4

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 7: SW/4

(r) The Pearsall-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 28: SW/4

(s) The Pitchfork Ranch-Atoka Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM
Section 3: SE/4

(t) The Red Hills-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM
Section 1: E/2

TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM
Section 8: SW/4
Section 17: N/2

(u) The Red Tank-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is

Case No. 11249
Order No. R-10342
-7-

hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM
Section 24: SW/4

(v) The West Red Tank-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM
Section 14: NE/4

(w) The South Sand Dunes-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM
Section 31: NW/4

(x) The North Teague Drinkard-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 4: SW/4
Section 5: SE/4
Section 9: S/2 NW/4

(y) The North Teague Lower Paddock-Blinebry Associated Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 4: SW/4

(z) The North Teague-Tubb Associated Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 5: SE/4
Section 8: NE/4
Section 9: NE/4 and SW/4

(aa) The Northwest Townsend-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Case No. 11249
Order No. R-10342
-8-

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 4: S/2 and Lots 11, 12, 13,
and 14

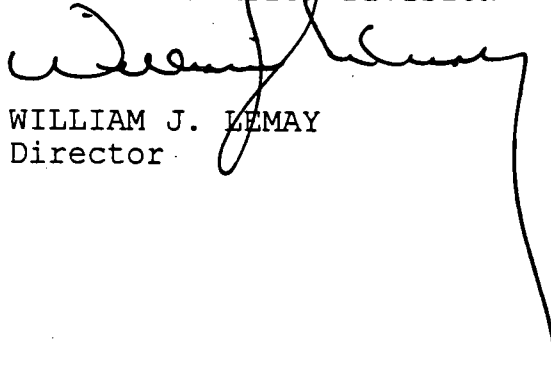
IT IS FURTHER ORDERED THAT:

(1) Pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) The effective date of this order and all creations, contractions of vertical limits, redesignations, and extensions included herein shall be May 1, 1995.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

fd/

LOVINGTON-ABO POOL
Lea County, New Mexico

Order No. R-132, March 26, 1952, Establishing Pool, as Amended by Order No. R-142, April 11, 1952; Order No. R-286, March 10, 1953; Order No. R-365, September 17, 1953; Order No. R-460, May 19, 1954; Order No. R-7114, November 1, 1982.

T-16-S, R-36-E SE/4 Sec. 35; Sec. 36.
T-16-S, R-37-E S/2 Sec. 28; Secs. 31, 32; W/2 Sec. 33.
T-17-S, R-36-E Sec. 1; N/2 Sec. 2.
T-17-S, R-37-E Sec. 6.

LOVINGTON-PADDOCK POOL
Lea County, New Mexico

Order No. R-184, August 28, 1952, Establishing Pool, as Amended by Order No. R-261, February 10, 1953; Order No. R-334, June 23, 1953; Order No. R-365, September 17, 1953; Order No. R-386, November 10, 1953; Order No. R-467, May 25, 1954; Order No. R-561, December 16, 1954; Order No. R-787, April 16, 1956; Order No. R-902, October 26, 1956; Order No. R-2804, December 1, 1964; Order No. R-3104, September 1, 1966; Order No. R-3152, December 1, 1966; Order No. R-5162, March 1, 1976; Order No. R-7351, October 1, 1983; Order No. R-7714, November 1, 1984; Order No. R-8667, June 1, 1988; Order No. R-10240, November 1, 1994.

T-16-S, R-36-E S/2 Sec. 25; SE/4 Sec. 26; Secs. 35, 36.
T-16-S, R-37-E W/2 Sec. 27; SE/4 Sec. 28; SE/4 Sec. 29; Secs. 30, 31, 32, 33; SW/4 Sec. 34.
T-17-S, R-36-E Sec. 1; E/2 Sec. 2; Sec. 12.
T-17-S, R-37-E NW/4 Sec. 3; N/2 Sec. 4; N/2 Sec. 5; Secs. 6, 7.

RED HILLS-PENNSYLVANIAN GAS POOL
Lea County, New Mexico

Order No. R-2827, December 7, 1964, Establishing Pool, as Amended by Order No. R-2827-A, December 7, 1964.

T-25-S, R-33-E Secs. 31, 32, 33.
T-26-S, R-33-E Secs. 4, 5, 6.

RED HILLS-WOLFCAMP GAS POOL
Lea County, New Mexico

Order No. R-2826, December 7, 1964, Establishing Pool, as Amended by Order No. R-8041, October 1, 1985; Order No. R-9271, September 1, 1990; Order No. R-9723, October 1, 1992.

T-25-S, R-33-E Secs. 21, 28, 31, 32, 33.
T-26-S, R-33-E Secs. 4, 5, 6, 7.

TOWER-SAN ANDRES POOL
Chaves County, New Mexico

Order No. R-3948, May 1, 1970, Establishing Pool, as Amended by Order No. R-7114, November 1, 1982.

T-11-S, R-31-E S/2 Sec. 3.

TRES PAPALOTES-PENNSYLVANIAN POOL
Lea County, New Mexico

Order No. R-3948, May 1, 1970, Establishing Pool, as Amended by Order No. R-4014, September 1, 1970; Order No. R-4041, November 1, 1970; Order No. R-4119, April 1, 1971; Order No. R-4232, January 1, 1972; Order No. R-4286, April 17, 1972; Order No. R-4329, July 1, 1972; Order No. R-4486, March 1, 1973; Order No. R-4743, April 1, 1974; Order No. R-4835, September 1, 1974; Order No. R-5015, June 1, 1975; Order No. R-5124, December 1, 1975; Order No. R-9937, August 1, 1993.

T-14-S, R-34-E SE/4 Sec. 28; E/2 Sec. 32; N/2, SW/4 Sec. 33; NW/4 Sec. 34.
T-15-S, R-34-E NW/4 Sec. 4; Sec. 5.

SAND DUNES-CHERRY CANYON POOL
Eddy County, New Mexico

Order No. R-3948, May 1, 1970, Establishing Pool, as Amended by Order No. R-4377, September 1, 1972; Order No. R-4540, June 1, 1973; Order No. R-4782, June 1, 1974; Order No. R-4937, February 1, 1975; Order No. R-5063, July 1, 1975; Order No. R-5838, November 1, 1978; Order No. R-8065-A, November 1, 1985; Order No. R-8229, June 1, 1986.

T-23-S, R-31-E SE/4 Sec. 23; W/2 Sec. 24; W/2 Sec. 25; E/2 Sec. 26; N/2 Sec. 35.

WARREN-DEVONIAN POOL
Lea County, New Mexico

Order No. R-3948, May 1, 1970, Establishing Pool.

T-20-S, R-38-E NW/4 Sec. 29.

REDA - KFCAP
Top Allowable 365 GOR Limit 2,000
Top Castinhead Gas Limit 730 MCF
NO TESTS
NO WELLS

ROUND 1ANK - QUEER ASSOCIATED
Spacing Oil - 40
Top Allowable 80 GOR Limit 6,000
Top Gas Allowable - 1920
Oil - 480
Gas - 1920

COLLIER PET. COMP. continued:
Turner Federal 15,21 M 13-20-28
Wills Federal 2 M
Wills Federal 3,19,45 G
Wills Federal 5,23,25,37 G
Wills Federal 8,36,41 A
Wills Federal 32 J
Wills Federal 39,40 M
Wills Federal 107,27 L
Wills Federal 14,15 P 14-20-28
Wills Federal 19,42,45 K 13-20-28
Wills Federal 34 F

DEVON ENERGY CORP.
Todd 230 Federal 1 O 23-23-31
Todd 231 Federal 2 J
Todd 268 Federal 4 B
Todd 261 Federal 5 J
Todd 264 Federal 6 A 26-23-31
Todd 260 Federal 7 O
POOD PROD. CO.
Cal-Hen (31) 3 F 33-23-31
Federal 24 1 E 24-23-31
Federal 2 L 24-23-31
Federal 3 D

BOX SPRING - BONE SPRING 52775
Top Allowable 210 GOR Limit 2,000
Top Castinhead Gas Limit 460 MCF
BILLYWOOD PET., INC.
Credit 25 Com. (37) 1 B 23-24-28 M 1614

ELK OIL CO
Anco State
Brunner Federal 1 A 34-15-28
Christine Federal 1 I 23-15-28
(10) 3 B 30-15-29 M 131M
Mert Fed (3) 2 L
Mehurin 1 O 19-15-29 M 131M
Mullie A State 3 J 24-15-29 G
1 D 30-15-29 G

SAND DUNE - CURRENT CANYON 52810

Top Allowable 80 GOR Limit 2,000
Top Castinhead Gas Limit 160 MCF
No Test Required
STEWART & JOHNSON CO. CO.

SAND DUNE - DELAWARE - SOUTH 52818

Top Allowable 187 GOR Limit 2,000
Top Castinhead Gas Limit 374 MCF

POOD PRODUCING CO.
Sundance 6 Federal (105) 1 C 8-24-31 M 1743
Sundance 2 E

ROSS DUNE - DELAWARE 52720
Top Allowable 142 GOR Limit 2,000
Top Castinhead Gas Limit 160 MCF
J.C. WILLIAMSON
Ross Draw Unit 5 K 27-26-30 S1
() 12 A 33-26-30 M 2428
(14) 16 A 34-26-30 S1
()

ROUND 1ANK - SAN ANDRES 52770
Top Allowable 80 GOR Limit 2,000
Top Castinhead Gas Limit 160 MCF
No Test Required
FROSTMAN OIL CORP
CF Federal 1 B 23-15-28 M

B-5939
Salsader Unit Waterflood Project
Maximum Allowable Formate
4 x 80 = 320
Salsader Unit 1,11 L 33-20-28
3 F
5 K
8,13,16 M
2 L
4,5 K
7 M
8 M
12 K

VATES PET. COMP.
Addline ALB Federal (15) 1 F 6-24-31 M 1666
(23) 2 A
(20) 8 M
(60) 9 I
(75) 16 P
(300) 17 M 5-24-31 M187 2033
/Squiere ALB () 1 B 7-24-31 M187

RALPH E. WILLIAMSON
Anco Federal
(12) 1 E 25-26-30 M 916
(13) 2 B M 804

RUSSELL - DELAWARE 52810
Top Allowable 107 GOR Limit 2,000
Top Castinhead Gas Limit 213 MCF
OLYMPIC OIL & GAS CORP.
Splice Federal (36) 1 G 24-20-28 M 1444

SAN LORENZO - BONE SPRING 52600
Top Allowable 142 GOR Limit 2,000
Top Castinhead Gas Limit 204 MCF
MTCO INDUSTRIES, INC.
Mico State 15 (115) 1 L 13-25-28 M 678

SAND DUNE-DELAWARE - WEST 52813
Top Allowable 187 GOR Limit 6,000
Top Castinhead Gas Limit 1496 MCF
HEAT ENERGY CO.
Christopher 31 Federal () 2 M 31-23-31
Leah 31 Federal () 1 I 31-23-31
Sundance Federal (70) 2 D 4-24-31 M 2300
Sundance Federal (211) 3 A 5-24-31 M187 1950
(217) 4 B M187 2090
(208) 5 C M187 1643
(201) 6 D M187 2050
(70) 7 E M 6000
() 8 F M187
() 9 G M 2840
(151) 10 H M 477
() 11 I
() 12 J
() 13 K 32-23-31 M187 895
() 14 L M187
() 15 M M187 1133
(187) 3 N M187 1176
(187) 4 A M187 802
(187) 5 C M187 1184
(187) 6 F M187 812
(180) 7 D M187 1526
(190) 8 E

ROSS DUNE - DELAWARE - EAST 52705
Top Allowable 142 GOR Limit 2,000
Top Castinhead Gas Limit 204 MCF
FELICION OIL & GAS CO.
Palm Springs 24 Federal (12) 1 M 24-26-30 M

CAUTION OIL & GAS PROPERTIES
Indigo Fed. (11) 1 L 13-20-28 M 5900

SAN LORENZO - BONE SPRING 52600
Top Allowable 142 GOR Limit 2,000
Top Castinhead Gas Limit 204 MCF
MTCO INDUSTRIES, INC.
Mico State 15 (115) 1 L 13-25-28 M 678

SAND DUNE-DELAWARE - WEST 52813
Top Allowable 187 GOR Limit 6,000
Top Castinhead Gas Limit 1496 MCF
HEAT ENERGY CO.
Christopher 31 Federal () 2 M 31-23-31
Leah 31 Federal () 1 I 31-23-31
Sundance Federal (70) 2 D 4-24-31 M 2300
Sundance Federal (211) 3 A 5-24-31 M187 1950
(217) 4 B M187 2090
(208) 5 C M187 1643
(201) 6 D M187 2050
(70) 7 E M 6000
() 8 F M187
() 9 G M 2840
(151) 10 H M 477
() 11 I
() 12 J
() 13 K 32-23-31 M187 895
() 14 L M187
() 15 M M187 1133
(187) 3 N M187 1176
(187) 4 A M187 802
(187) 5 C M187 1184
(187) 6 F M187 812
(180) 7 D M187 1526
(190) 8 E

J.C. WILLIAMSON
Anco Fed. (67) 2 B 25-26-30 M 1230
Ross Draw Unit (22) 11 O 22-26-30 M 1136
(16) 14 L 26-26-30 M 1286
(7) 15 M 26-26-30 M 1429
(23) 17 B 27-26-30 M 1261

RUSSELL - VATES 52820
Top Allowable 80 GOR Limit 2,000
Top Castinhead Gas Limit 374 MCF
NO WELLS
COLLIER PET. CORP.
B-263
Crosby, Turner, Wills, Russell Vates Flood
Capacity Allowable
Turner Federal 1,11 M 13-20-28
Turner Federal 4,16,23 F 13-20-28
Turner Federal 7 O
Turner Federal 6,9 C 13-20-28
Turner Federal 10 J
Wills Federal 19,20 K
Wills Federal 1,12 L
Wills Federal 7,20,21,35,39,44 G
Wills Federal 9 M 13-20-28
Wills Federal 11,22 B
Wills Federal 13,16,28 M
Wills Federal 38 F 13-20-28
Wills Federal 40 O
Crosby Federal 1,2 O 13-20-28
Turner Federal 2,12,25 K
Turner Federal 3,17,22 J
Turner Federal 8 F
Turner Federal 13 C

SAN LORENZO - BONE SPRING 52610
Top Allowable 142 GOR Limit 2,000
Top Castinhead Gas Limit 204 MCF
MTCO INDUSTRIES, INC.
Mico State 15 (115) 1 L 13-25-28 M 678

SAND DUNE - UPPER PENN 52820
Top Allowable 320 GOR Limit 2,000
Top Castinhead Gas Limit 640
MTCO INDUSTRIES, INC.
E. Turkey Track Fed. Com. (10) 1 K 23-18-29 M 9800

ROSS DUNE - DELAWARE - NORTH 52707
Top Allowable 142 GOR Limit 2,000
Top Castinhead Gas Limit 204 MCF
J.C. WILLIAMSON
Sun Ex Federal Unit 2 M 14-26-30 S1
() 3 P 15-26-30 0

Wills Federal
Wills Federal 11,22 B
Wills Federal 13,16,28 M
Wills Federal 38 F 13-20-28
Wills Federal 40 O
Crosby Federal 1,2 O 13-20-28
Turner Federal 2,12,25 K
Turner Federal 3,17,22 J
Turner Federal 8 F
Turner Federal 13 C

SAND DUNE - CURRENT CANYON 52810
Top Allowable 80 GOR Limit 2,000
Top Castinhead Gas Limit 160 MCF
No Test Required
ANNA OIL & GAS, INC.
Federal 24 1 E 24-23-31
Federal 2 L
Federal 3 D

POOD PRODUCING CO.
Sundance 6 Federal (105) 1 C 8-24-31 M 1743
Sundance 2 E

ROSS DUNE - DELAWARE - WEST 52800
Top Allowable 142 GOR Limit 2,000
Top Castinhead Gas Limit 160 MCF
J.C. WILLIAMSON
Abney Fed 1 P 28-26-30 S1
Enfield Fed (11) 1 M M 810

Wills Federal
Wills Federal 11,22 B
Wills Federal 13,16,28 M
Wills Federal 38 F 13-20-28
Wills Federal 40 O
Crosby Federal 1,2 O 13-20-28
Turner Federal 2,12,25 K
Turner Federal 3,17,22 J
Turner Federal 8 F
Turner Federal 13 C

SAND DUNE - CURRENT CANYON 52810
Top Allowable 80 GOR Limit 2,000
Top Castinhead Gas Limit 160 MCF
No Test Required
ANNA OIL & GAS, INC.
Federal 24 1 E 24-23-31
Federal 2 L
Federal 3 D

POOD PRODUCING CO.
Sundance 6 Federal (105) 1 C 8-24-31 M 1743
Sundance 2 E

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

SUITE B
612 OLD SANTA FE TRAIL
SANTA FE, NEW MEXICO 87501

(505) 982-2043
(505) 982-2151 (FAX)

October 13, 1998

Michael E. Stogner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Administrative Order NSL-3834
Pogo Producing Company
Amax "24" Fed. Well No. 13
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 24, Township 23 South, Range 31 East, NMPM
Eddy County, New Mexico

Dear Mr. Stogner:

You expressed concern that Pogo had not complied the above order because it had completed the well in the Brushy Canyon formation, rather than in the approved Cherry Canyon formation. This is based on the attached completion report, which does indeed refer to the Brushy Canyon.

I have spoken about this matter with Pogo. In fact, the well was completed in the basal Cherry Canyon, at a depth of 6560-6570 feet. The completion report is incorrect, and Pogo will be filing a corrected report. Also attached are completion reports from two other wells on the same lease, which show that the Brushy Canyon is below 6600 feet.

Please call me if you need anything further in this matter.

Very truly yours,



James Bruce

Attorney for Pogo Producing Company