

11/7/96

11/27/96

MS

KV

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]

Poso Productions Co RECEIVED NOV 7 1996 Oil Conservation Division

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

- [A] Location - Spacing Unit - Directional Drilling [X] 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 [X] [B] Offset Operators, Leaseholders or Surface Owner [C] [] Application is One Which Requires Published Legal Notice [X] [D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [X] [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.

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

JAMES BRUCE 218 MONTEZUMA SANTA FE, NM 87501

James Bruce Signature

Attorney Title

11/7/96 Date

Print or Type Name

Signature

Title

Date

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

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CLARENCE E. HINKLE (1904-1985)

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THOMAS D. HAINES, JR.
GREGORY J. NIBERT
FRED W. SCHWENDIMANN
JAMES H. HUDSON
JEFFREY S. BAIRD*

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

RECEIVED
NOV 7 1996
Oil Conservation Division

8360

5402

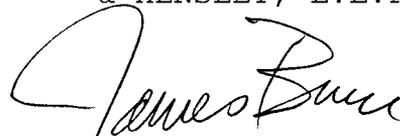
The proposed well is in the oil-potash area. Although the wellsite is unleased for potash, notice of the application has also been given to the Bureau of Land Management (the mineral owner) and to IMC, which has nominated the SW¼ of Section 23, among other land, for potash leasing.

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.

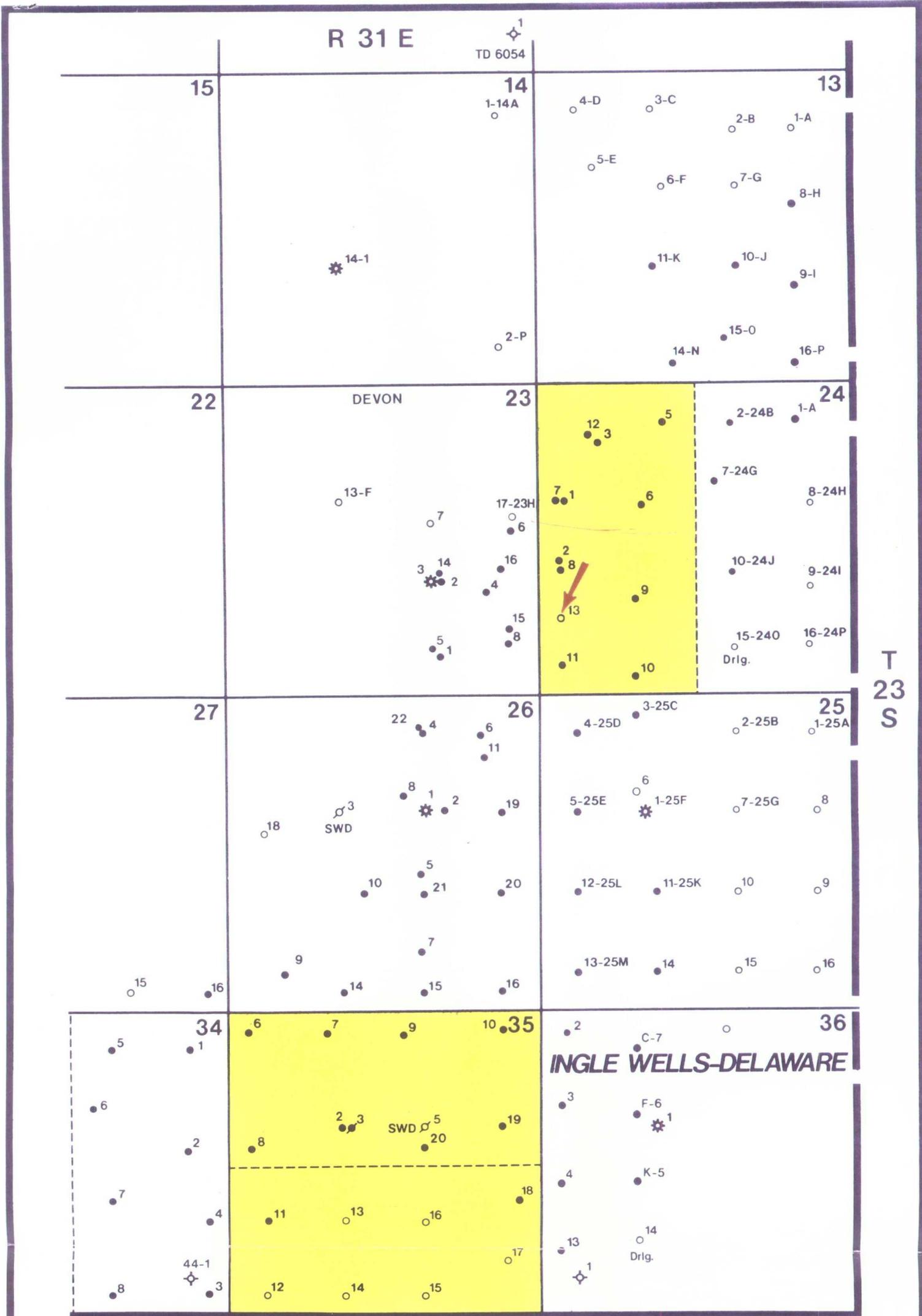
Very truly yours,

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

A handwritten signature in cursive script that reads "James Bruce". The signature is written in dark ink and is positioned above the printed name.

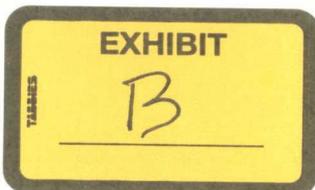
James Bruce

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.

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THOMAS D. HAINES, JR.
GREGORY J. NIBERT
FRED W. SCHWENDIMANN
JAMES M. HUDSON
JEFFREY S. BAIRD*

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:

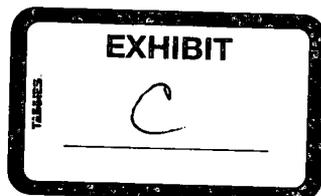
Pogo Producing Company has filed an application at the New Mexico Oil Conservation Division requesting administrative approval to drill the well described below at an unorthodox oil well location:

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

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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

5F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RENOV. Other _____

3. NAME OF OPERATOR: Pogo Producing Company

4. ADDRESS AND TELEPHONE NO.: P. O. Box 10340, Midland, TX 79702-7340 (915)682-6822

5. 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

6. PERMIT NO. _____ DATE ISSUED 11/13/96

7. COUNTY OR PARISH: Eddy County STATE: NM

8. LEASE DESIGNATION AND SERIAL NO.: NM-40655

9. IF INDIAN ALLOTTEE OR TRIBE NAME: _____

10. UNIT AGREEMENT NAME: _____

11. FARM OR LEASE NAME, WELL NO.: Amax 24 Federal #13

12. API WELL NO.: 30-015-29332

13. FIELD AND POOL OR WILDCAT: Ingle Wells Delaware

14. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 24, T23S, R31E

15. DATE SPUDDED 12/21/96 16. DATE T.D. REACHED 12/31/96 17. DATE COMPL. (Ready to prod.) 1/27/97 18. ELEVATIONS (OF, RKB, ST, GR, ETC.)* 3496' GR 19. ELEV. CASINGHEAD 3495'

20. TOTAL DEPTH, MD & TVD 6700' 21. PLUG BACK T.D., MD & TVD 6652' 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-6700' CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6560'-75' Brushy Canyon (MD & TVD)

25. WAS SECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS R/U/N: DIL-CNL-CBL 27. WAS WELL CORRED: 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

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	6402	

31. PERFORATION RECORD (Interval, size and number)

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

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

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

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

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

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

35. LIST OF ATTACHMENTS: C-104, Sundry, Deviation Survey, Logs

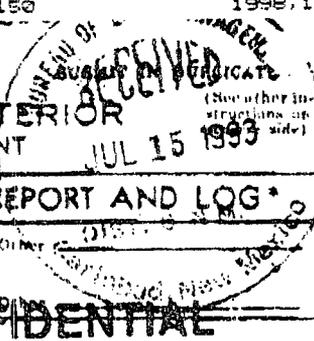
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] 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



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

2. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEPEN REGRAB REPERFORATE

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

6. LEASE DESIGNATION AND SERIAL NO.
NM-40655

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. LEASE AGREEMENT NAME

9. PART OR LEASE NAME
Amax 24 Federal

10. WELL NO.
11

11. FIELD AND POOL, OR WILDCAT
Sand Dunes, Brushy Canyon

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 24, T-23-S, R-31-E

14. PERMIT NO. DATE ISSUED
03/24/93
15. COUNTY OR STATE
Eddy New Mexico

16. DATE SPUDDED 06/01/93
17. DATE T.D. REACHED 06/15/93
18. DATE COMPL. (Ready to prod.) 06/23/93
19. ELEVATIONS (OF, RAD, ST, OR, ETC.)* 3494.8' GR
20. ELEV. CASINGHEAD 3493.8'

21. TOTAL DEPTH, MD & TVD 8460'
22. PLUG BACK T.D., MD & TVD 8415'
23. IF MULTIPLE COMPLETIONS, HOW MANY? 1
24. INTERVALS MILEAGED BY 0'-8460'
25. ROTARY TOOLS CABLE TOOLS

26. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (AND ZONE)
8194'-8255' (MD & TVD)
27. WAS DIRECTIONAL SURVEY MADE
No

28. TYPE ELECTRIC AND OTHER LOGS RUN
DIL - CNL - CBL
29. WAS WELL CORRED
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)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8224'	N/A

31. PERFORATION RECORD (Interval, size and number)

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

32. 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. V. 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

33. DISPOSITION OF OAB (Sold, used for fuel, vented, etc.)
Sold
TEST WITNESSED BY
Stan Morgan

34. LIST OF ATTACHMENTS
C-104, Sundries, Deviation Report, Logs

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

SIGNED Barratt C. Smith TITLE Senior Operations Engineer DATE July 14, 1993

*(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.

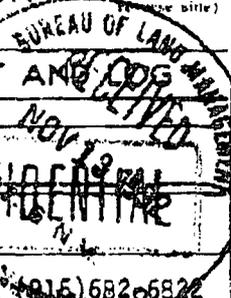
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contacts thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recovered);

36. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See instructions on
reverse side)



WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

1. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER

2. TYPE OF COMPLETION: NEW WELL WORK OVER DUMP-IN PLUG BACK DIFF. CONVR.

3. NAME OF OPERATOR: Pogo Producing Company

4. ADDRESS OF OPERATOR: P.O. Box 10340, Midland, Texas 79702-7340 (915) 682-6822

5. PERMIT ORIGINATOR AND SERIAL NO.: NM-40655

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____

7. UNIT AGREEMENT NAME: _____

8. FARM OR LEASE NAME: Amax Federal 24

9. WELL NO.: 8

10. FIELD AND POOL, OR WILDCAT: Ingle Wells, Delaware

11. SEC., T., R. N., OR BLOCK AND SURVEY OR AREA: Sec. 24, T-23-S, R-31-E

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

14. PERMIT NO.: _____ DATE ISSUED: 08-20-92

15. DATE SPOOLED: 10-10-92

16. DATE T.D. REACHED: 10-26-92

17. DATE COMPL. (Ready to prod.): 11-06-92

18. ELEVATIONS (DV, RKB, RT, CD, ETC.): 3491.2 G.R.

19. ELEV. CASINGHEAD: 3490.2'

20. TOTAL DEPTH, MD & TVD: 8520'

21. PLUG BACK T.D., MD & TVD: 8437'

22. IF MULTIPLE COMPL., HOW MANY: --

23. INTERVALS DRILLED BY: _____ ROTARY TOOLS: 0'-8520'

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 8188'-8263' Brushy Canyon, MD & TVD

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL-CNL-CBL

27. WAS WELL COBBED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	800'	17-1/2"	1025 sx-Circ 580 sx	
8-5/8"	24# & 32#	4323'	11"	1800 sx-Circ 500 sx	
5-1/2"	15.5# & 17#	8520'	7-7/8"	1655 sx-Circ 223 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	8298'	

31. PERFORATION RECORD (Interval, size and number): 8188'-8263', .50" Dia., 150 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8188'-8263'	Acidize w/2000 gals 15% NEFe
8188'-8263'	Frac w/51,750 gals X-Link gel & 57,000# 20/40 ottawa sand

33. PRODUCTION

DATE FIRST PRODUCTION: 11-07-92

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing

WELL STATUS (Producing or Shut-in): Producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-10-92	24	18/64	→	422	437	130	1036

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY—SPT (CGR.)
350	1200	→	422	437	130	43.2 @ 60 degr. F.

34. DISTRIBUTION OF GAS (Sold, used for fuel, vented, etc.): Vented

TEST WITNESSED BY: Stan Morgan

35. LIST OF ATTACHMENTS: Logs, C-104, Sundries, Deviation Report

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

SIGNED: [Signature] TITLE: Sr. Operations Engineer DATE: Nov. 10, 1992

* (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 permeability and contacts thereof; core intervals; and all drill-stem tests, including depth interval tested, casing used, time tool open, flowing and shut-in pressures, and recoveries).

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTACTS, ETC.	NAME	TOP	
					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 1960, Hobbs, NM 88241-1960
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		APR 08 1997
API Number 30-015-29332	Well Name Ingle Wells Delaware	Pool Code 33745
Property Code 13083	Property Amax 24 Federal	Well Number 13

II. Surface Location

UI 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

Law Code F	Producing Method Code Pumping	Gas Connection Date 1/28/97	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
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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 2172350	POD ULSTR Location and Description Amax 24 Federal #8 Battery L/24/23S/31E
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V. Well Completion Data

Spud Date	Ready Date	TD	FBD	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	Cap. 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: *Barrett L. Smith*
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

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 PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 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

CASE No. 4339
Order No. R-3948

(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

ROM 11-19-96

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

97 JAN 21 11 00 AM

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

17891

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

Unit M

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

21 miles east of Loving, New Mexico

DIST. 2

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-40655

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

13083

6. 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 B/LK. AND SURVEY OR AREA

Sec. 24, T-23S, R-31E

12. COUNTY OR PARISH

Eddy Co.

13. STATE

N.M.

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

NOV 19 11 42 AM '96 RECEIVED

(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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

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

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

AMENDED REPORT

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

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
OGRD 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.						

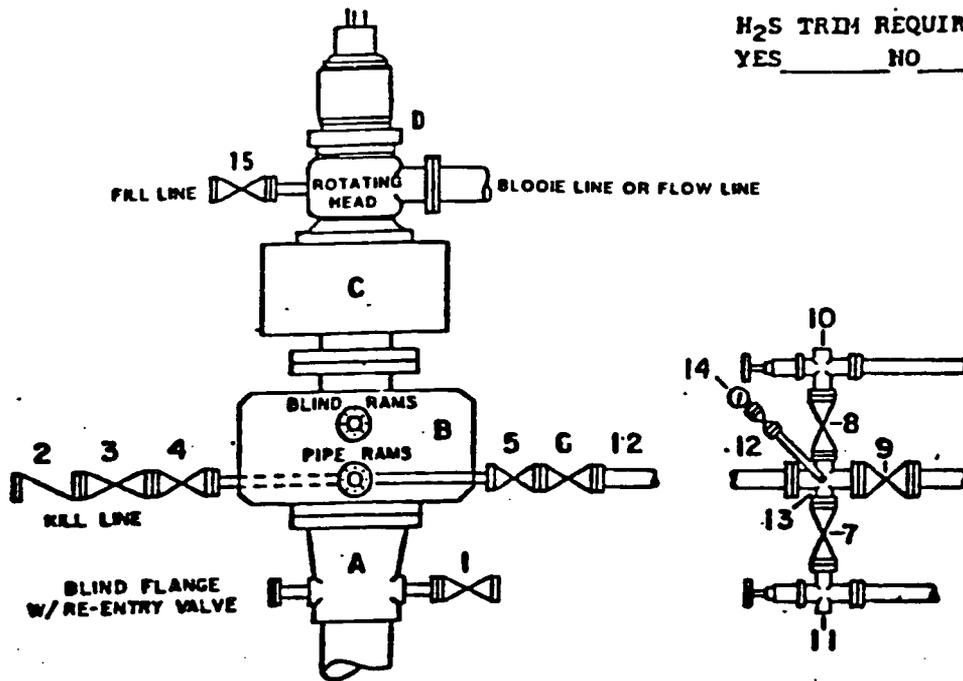
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>James M.C. Ritchie, Jr.</i> Signature JAMES M.C. Ritchie, Jr. Printed Name AGENT Title Nov. 15th, 1996 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>NOVEMBER 15, 1996 Date Surveyed JLP</p> <p>Signature & Seal of Professional Surveyor <i>Ronald J. Eidson 11-15-96</i> W.O. Num. 96-11-1515</p> <p>Certificate No. JOHN W. WEST, 876 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12841</p>

EXHIBIT "C"

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

H₂S TRIM REQUIRED
YES _____ NO _____



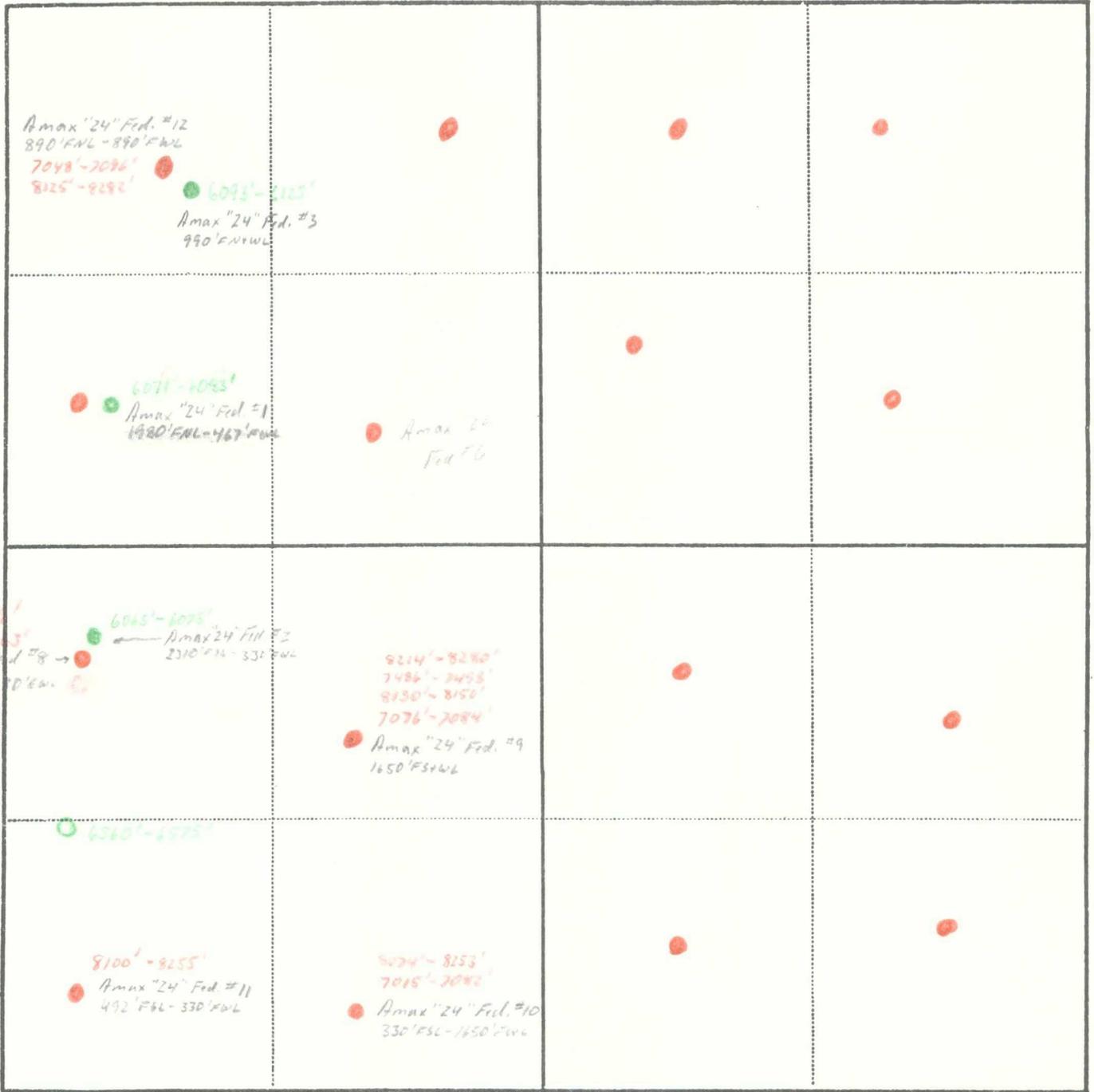
DRILLING CONTROL

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 Bloopie 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 Pines - Cherry Canyon oil wells
 - Ingle Wells - Delaware oil wells
-
-
-
-
-
-
-
-
-
-

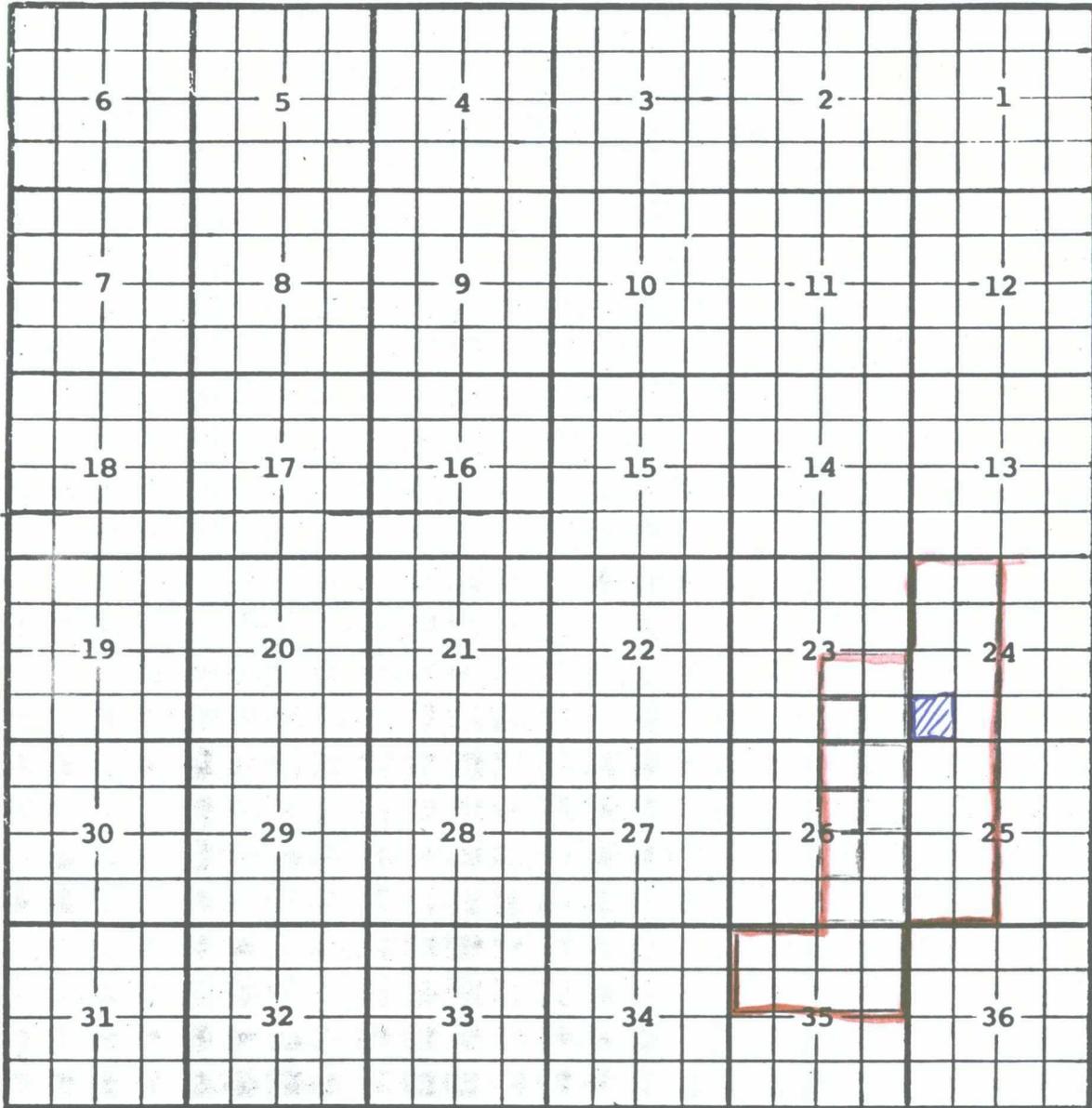
COUNTY Eddy

POOL Sand Dunes - Cherry Canyon

TOWNSHIP 23 South

RANGE 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)

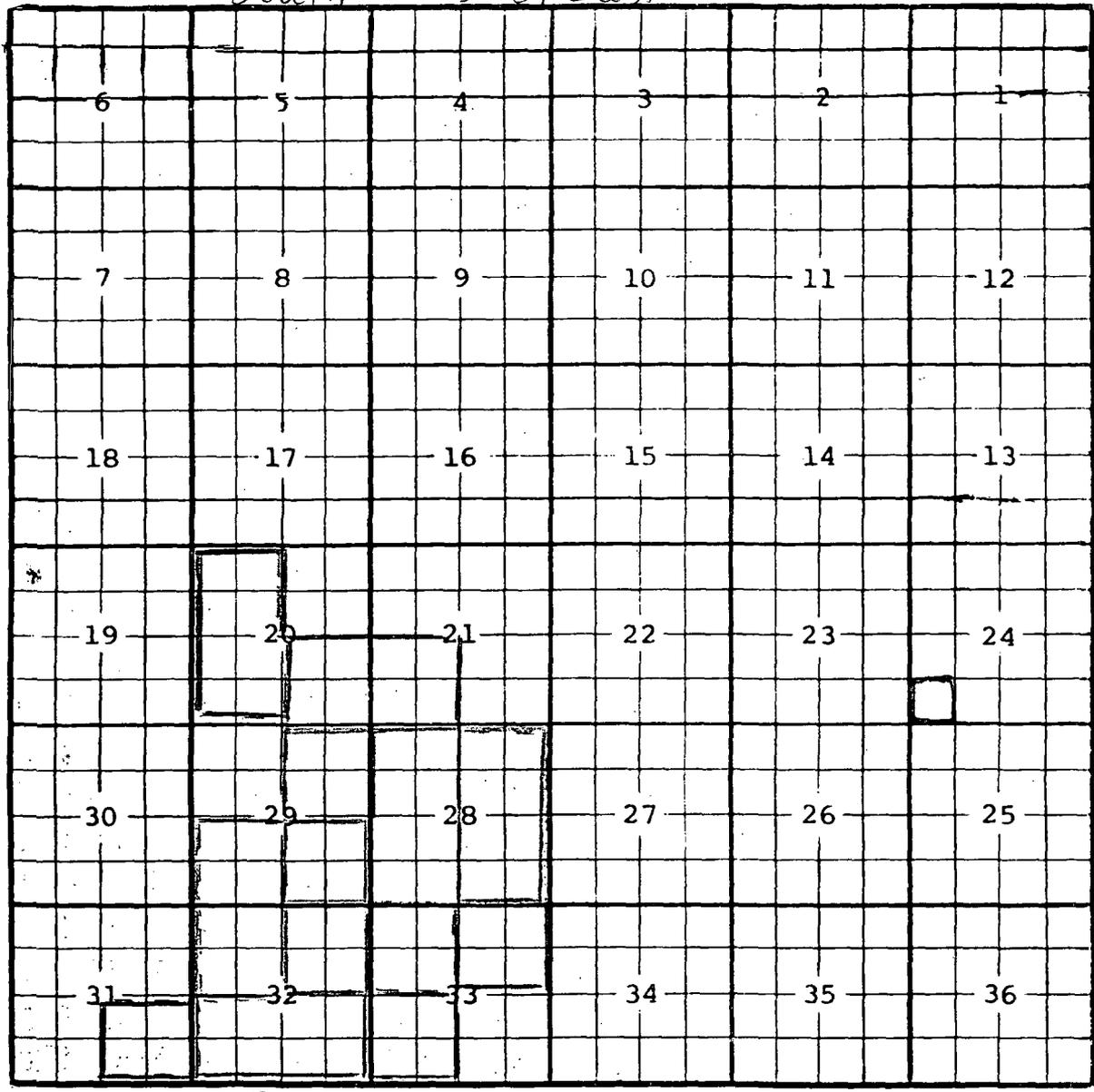
Ext: $\frac{E}{2} \frac{SE}{4}$ & $\frac{NW}{4} \frac{SE}{4}$ Sec 23 (R-5838, 11-1-78)

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

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

County Eddy Pool West Sand Dunes-Delaware

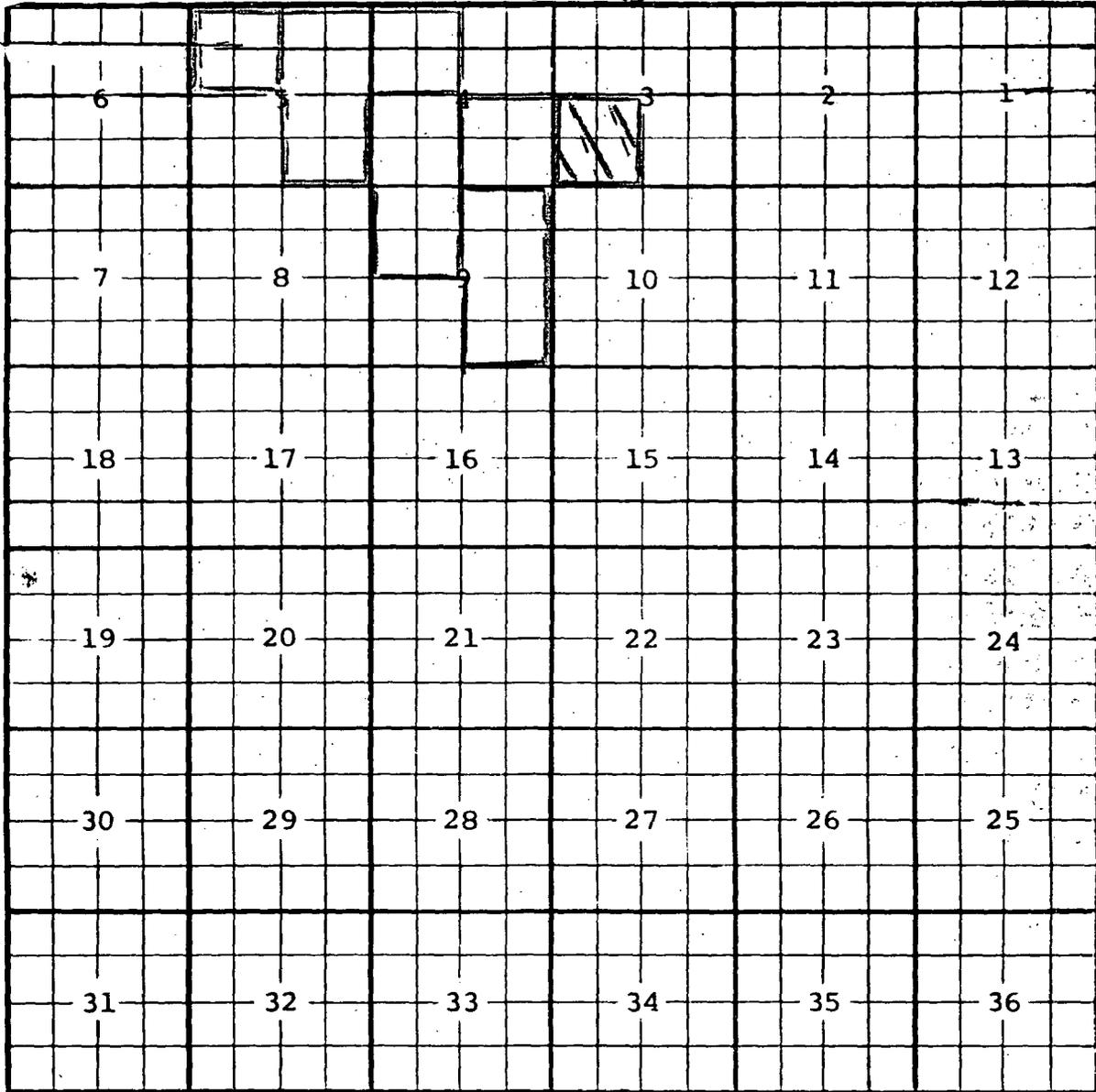
TOWNSHIP 23 South Range 31 East NMPM



Description: SE/4 Sec. 29 (R-9709, 8-25-92)
Ext: NE/4 Sec. 32 (R-9771, 11-19-92) Ext: W/2 Sec. 28 (R-9837, 1-22-93)
Ext: S/2 Sec. 32 (R-9844, 2-8-93) Ext: NE/4 and SW/4 Sec. 29, NW/4 Sec. 32
(R-9884, 4-26-93) Ext: SE/4 Sec. 20, SW/4 Sec. 21, E/2 Sec. 28, NW/4 Sec. 23 (R-9938, 8-17-93)
Ext: NE/4 Sec. 33 (R-9963, 9-20-93) Ext: SW/4 Sec. 33 (R-10042, 12-28-95)
Ext: SE/4 Sec. 31 (R-10124, 5-31-94) Ext: W/2 Sec. 20 (R-10529, 12-28-95)

County Eddy Pool West Sand Dunes - Delaware

TOWNSHIP 24 South Range 31 East NMPM



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

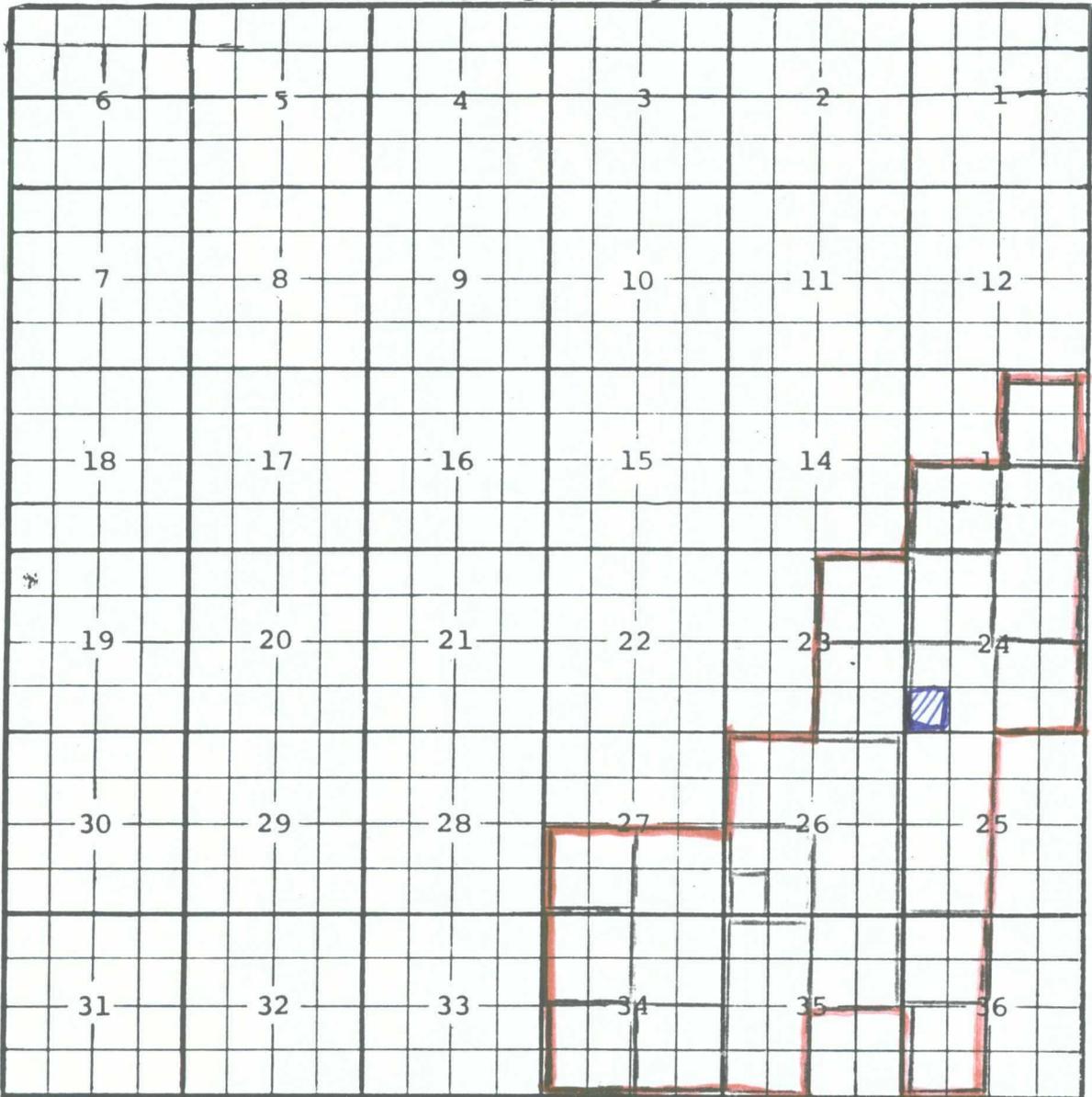
Ext: ^{SW}/₄ Sec. 4, ^{NW}/₄ Sec. 9 (R-10124, 5-31-94)

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

Delete ^{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: $\frac{SW}{4}$ $\frac{SW}{4}$ 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)

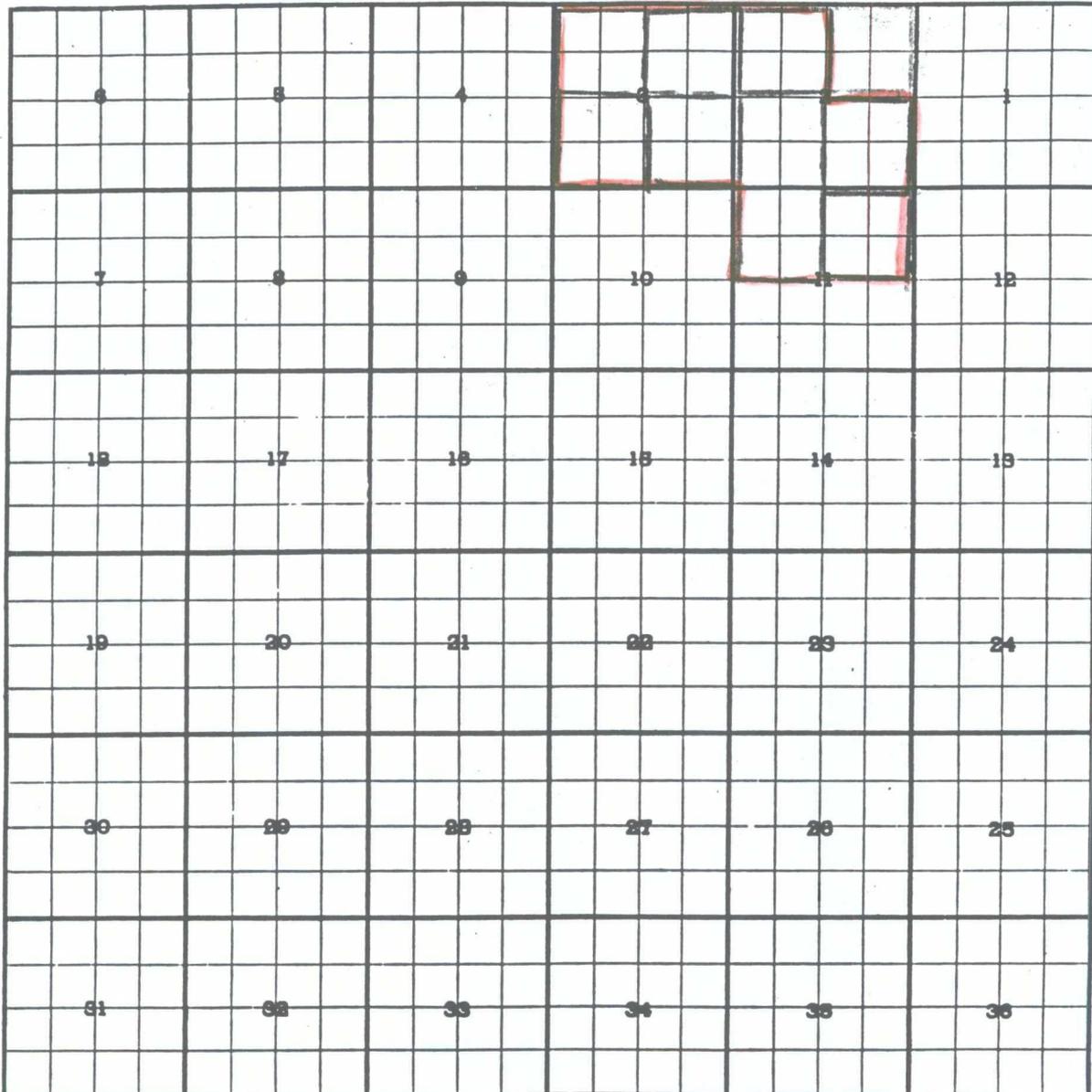
Ext: $\frac{SE}{4}$ Sec. 13, $\frac{NE}{4}$ Sec. 24, $\frac{SW}{4}$ Sec. 36 (R-10377, 6-2-95) Ext: $\frac{SW}{4}$ Sec. 13 (R-10420, 7-17-95)

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

County EODY

Pool INGLEWELLS-DELAWARE

TOWNSHIP 24 S, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



DESC: 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)

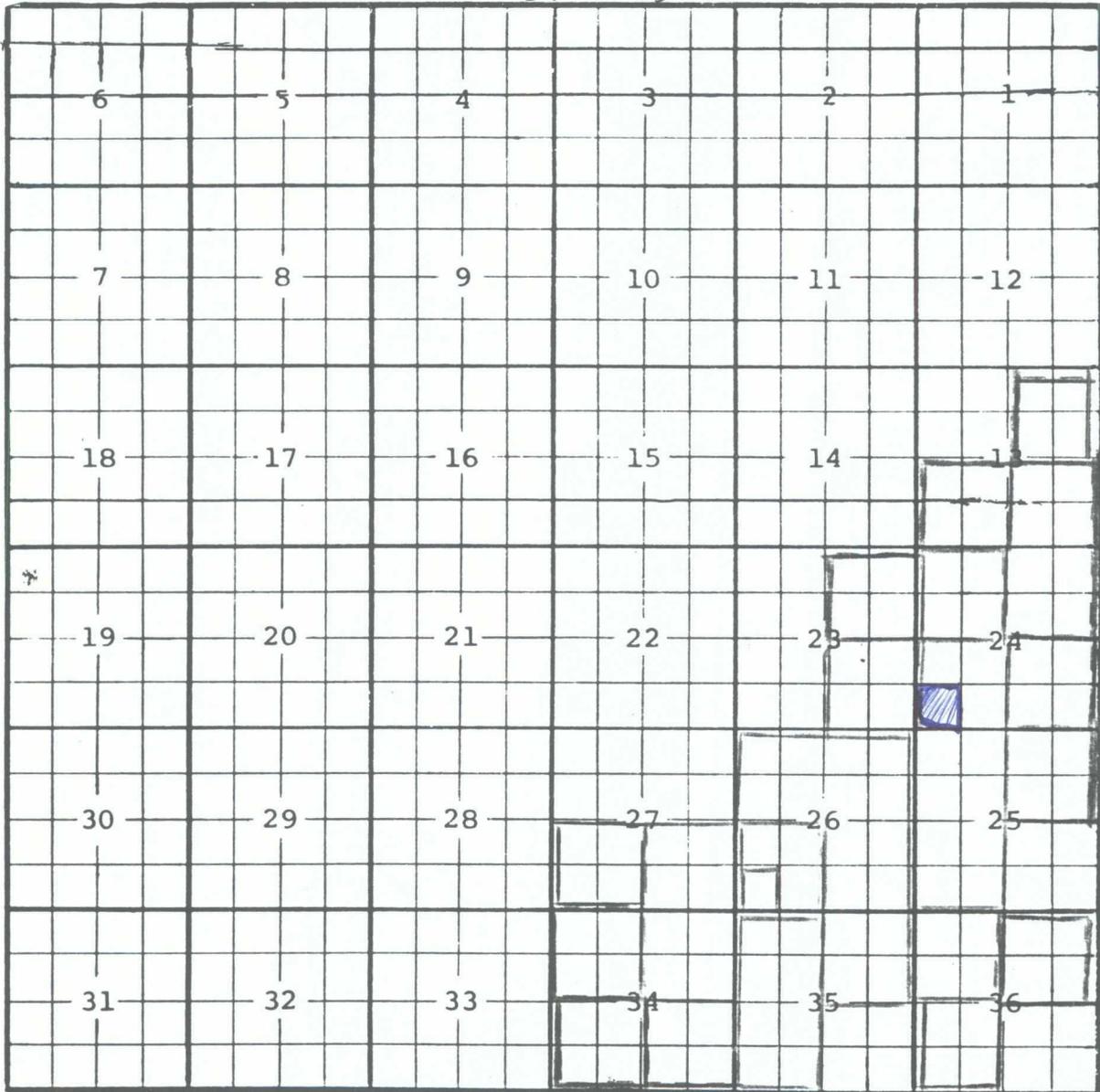
Ext: NW/4 Sec. 3 (R-10234, 11-7-94) Ext: SE/4 Sec. 3 (R-10377, 6-2-95)

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)

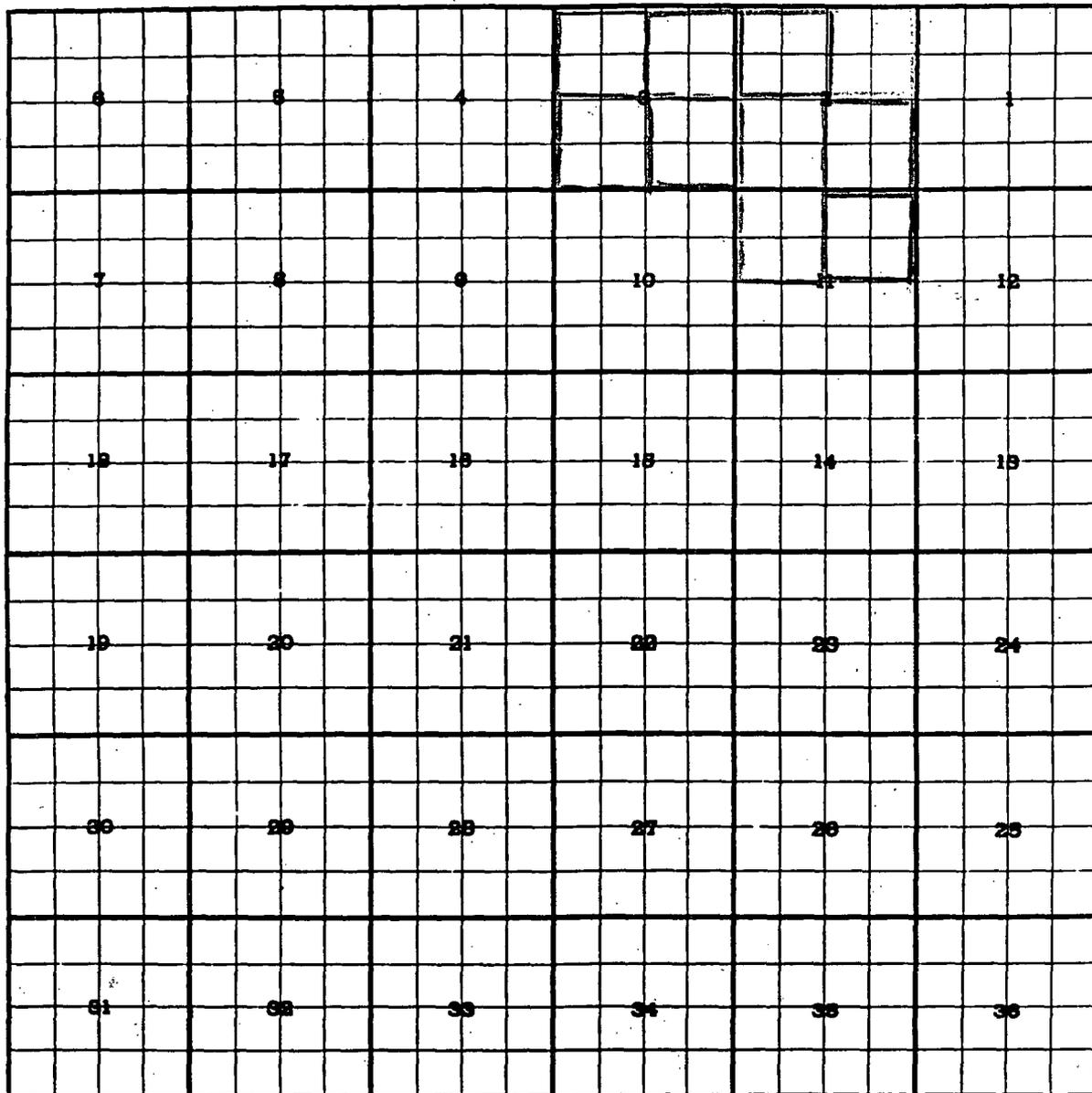
Ext: $\frac{NE}{4}$ Sec. 13 (R-10664, 9-16-96) Ext: $\frac{SE}{4}$ Sec. 24 (R-10713, 11-26-96)

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

County E00Y

Pool INGLEWELLS-DELAWARE

TOWNSHIP 24S, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN



DESC: 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)

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

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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

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Order No. R-10342
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Andres formation, said pool to bear the designation of Warren-San Andres Pool. Said Warren-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

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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:

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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:

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Order No. R-10342
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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

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Order No. R-10342

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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:

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

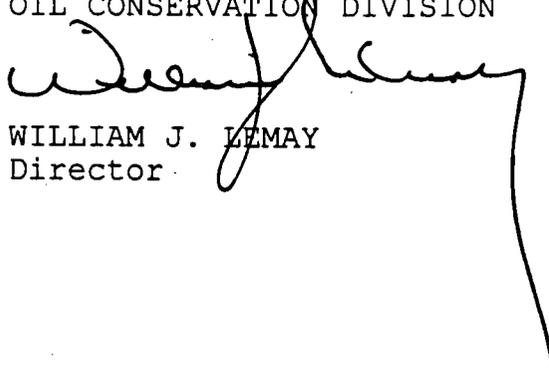
IT IS FURTHER ORDERED THAT:

(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.

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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