

NSL

12/16/96

**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 (1901-1985)

OF COUNSEL

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RICHARD L. CAZZELL* RAY W. RICHARDS*

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GREGORY J. NIBERT
FRED W. SCHWENDIMANN
JAMES M. HUDSON
JEFFREY S. BAIRD*

November 25, 1996

Hand Delivered

Florene Davidson
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Florene:

Enclosed for filing is an application (in triplicate) by Pogo Producing Company for administrative approval of an unorthodox well location.

Very truly yours,

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

James Bruce
James Bruce

Attorneys for Pogo Producing
Company

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NOV 25 1996
Oil Conservation Division

DATE	TITLE	ENGINEER	NO.	TIME
------	-------	----------	-----	------

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

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[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.

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

JAMES BRUCE
 218 MONTEZUMA
 SANTA FE, NM 87501

Print or Type Name

James Bruce
 Signature

Attorney
 Title

11/25/96
 Date

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

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☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

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Oil Conservation Division

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[B] ☐ Offset Operators, Leaseholders or Surface Owner

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

JAMES BRUCE
 218 MONTEZUMA
 SANTA FE, NM 87501

Print or Type Name

James Bruce
 Signature

Attorney
 Title

11/25/96
 Date

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

ATTORNEYS AT LAW

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JAMES M. HUDSON
JEFFREY S. BAIRD*

November 25, 1996

Hand Delivered

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

RECEIVED

NOV 25 1996

Oil Conservation Division

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:

Patton "17" Fed. Well No. 1
822 feet FSL & 2581 feet FEL
SW $\frac{1}{4}$ SE $\frac{1}{4}$ of §17, Township 24 South, Range 31 East, NMPM
Eddy County, New Mexico

The well will be drilled to test the Bone Spring formation. There are no Bone Spring pools within a mile of the proposed well. Pogo also requests approval of an unorthodox location for the Delaware formation (Undesignated Poker Lake-Delaware Pool). Well spacing is 40 acres for both formations.

The proposed location is based upon geological reasons. Attached as Exhibit A is a structure map on top of the Brushy Canyon Marker. The proposed location is based on a combination of 3-D seismic and well control. The location is interpreted to be the structurally highest point within the prospect. This location provides the best chance of success to encounter potential Brushy Canyon pay. The further northwest the well is located in the spacing unit, the higher the chance it will be a commercially viable well. Thus, placing the well at its proposed location substantially reduces the risk in drilling the well.

Submitted as Exhibit B is a land plat of the subject area, with the location of the proposed well marked thereon. Pogo-operated acreage is marked in yellow (Pogo owns 100% of the working interest in Sections 17 and 18, Township 24 South, Range 31 East,

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

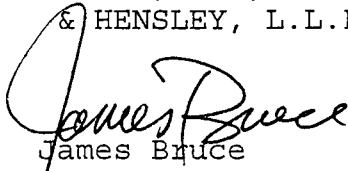
401 W. 15TH STREET, SUITE 800
AUSTIN, TEXAS 78701
(512) 476-7137
FAX (512) 476-5431

under a farmout from Meridian Oil (Burlington Resources)). Since the proposed well only moves toward Pogo acreage, no notice of this application has been given to anyone. As a result, in order that Pogo can drill the well this calendar year, we request that the 20 day waiting period be waived.

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

Very truly yours,

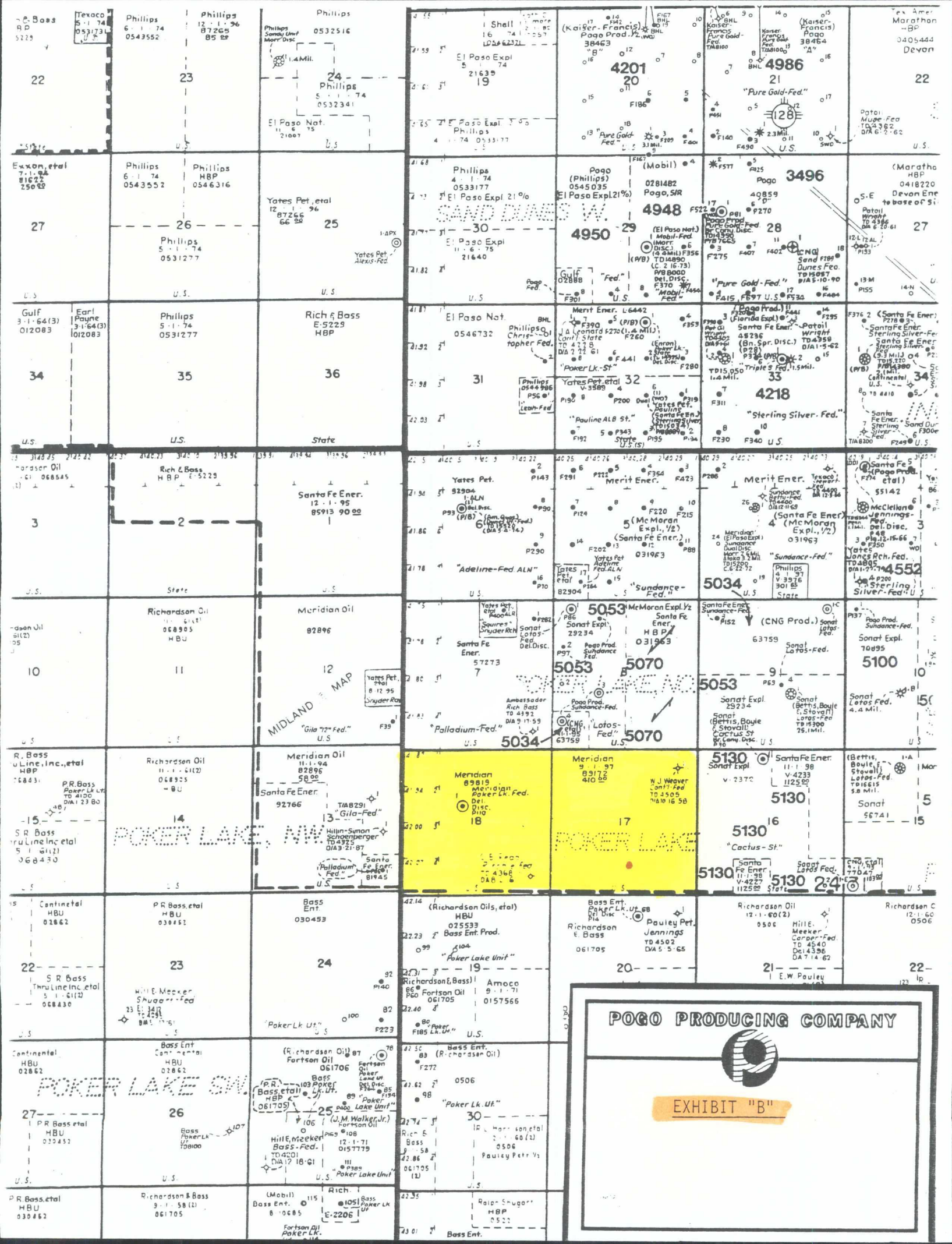
HINKLE, COX, EATON, COFFIELD
& HENSLEY, L.L.P.



James Bruce

Attorneys for Pogo Producing
Company

cc: T. Gant



PETROLEUM INFORMATION MIDLAND REGION REPORT SECTION III - 12/02/96

PAGE 21

NEW MEXICO DRILLING PROGRESS EDDY COUNTY CONTINUED

LOC;

BASS ENTERPRISES PROD
84 POKER LAKE UNIT
API 30-015-29103

36-24S-30E
1980 FNL 1980 FEL SEC
IC 300157041696

POKER LAKE SOUTHWEST; 8250 DELAWARE, (FR 08/21/96MD) **OPER**
ADD: BOX 2760, MIDLAND, TX, 79702 PHONE (915) 683-2277; **EL**: 3447 GR;
LOCATION DATA: 14 MI SE MALAGA, NM ; FORMERLY ABN LOC AS
FORTSON OIL UNDER API 30-015-27679 & IC 30-015-70549-93; **(VERTICAL)**

D

■ **CONTR**: FWA DRLG, **RIG** #40; **SPUD**: 11/24/96, . . . DRLG 750 (LDIR 11/25/96)

SONAT EXPL
4 SOTOL FEDERAL
API 30-015-28652

1-24S-31E
660 FSL 660 FWL SEC
IC 300157036795

WILDCAT; 9150 BONE SPRING, (FR 08/01/95MD) (ST APPD PMT: 08/01/96)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3517 GR; **LOCATION DATA**: 20 MI E LOVING, NM **1 MI**
SW/8312 (BRSC) OIL PROD IN INGLE WELLS FLD ; (VERTICAL)

WD

LOC;

SONAT EXPL
4 SUNDANCE '1' FEDERAL
API 30-015-28765

1-24S-31E
1880 FSL 990 FWL SEC
IC 300157052995

WILDCAT; 8700 BONE SPRING, (FR 11/09/95MD) (ST APPD PMT: 12/14/95)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3526 GR; **LOCATION DATA**: 20 MI E LOVING, NM **.25 MI**
W/8300 (DLWR) OIL PROD IN UNNAMED FLD ; (VERTICAL)

WD

LOC;

SONAT EXPL
3 TODD '2' STATE
API 30-015-28906

2-24S-31E
660 FSL 660 FEL SEC
IC 300157016196

INGLE WELLS; 8700 DELAWARE, (FR 04/01/96MD) (ST APPD PMT: 03/29/96)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3501 GR; **LOCATION DATA**: 13 MI NE MALAGA, NM ;
FORMERLY ABND LOC AS TEXACO EXPL & PROD UNDER API 30-015-28105 &
IC 30-015-70432-94 LOCATED 660 FNL 1980 FWL SEC; **(VERTICAL)**

D

■ **CONTR**: NABORS DRLG USA, **RIG** #142; **SPUD**: 04/25/96, **CSG**: 11 3/4 @ 440, 8 5/8 @ 4350, 5 1/2 @ 8511; (TD REACHED: 05/ 24/96), **RIG REL**:
05/26/96; **PROD TEST(S)**: **PERF** (DELAWARE), 8112-8136, W/48 SHOTS, SDFR (8112-8136) W/ 200000 LBS SAND, 16/30 SAND, . . . 8511 TD, TOP (LDIR
11/21/96)

MERIT ENERGY
21 SUNDANCE FEDERAL
API 30-015-29120

4-24S-31E
1980 FSL 660 FEL SEC
IC 300157032696

SAND DUNES WEST; 8200 DELAWARE, (FR 07/08/96MD) (ST APPD PMT:
08/16/96) **OPER ADD**: 12222 MERIT DR, STE 1500, DALLAS, TX, 75251
PHONE (214) 701-8377; **EL**: 3426 GR; **LOCATION DATA**: 21 MI E LOVING,
NM ; **(VERTICAL)**

D

■ **CONTR**: W E K DRLG, **RIG** #3; **SPUD**: 11/17/96, . . . 671 TD, WOC (LDIR 11/21/96)

SONAT EXPL
2 LOTOS '10' FEDERAL
API 30-015-28745

10-24S-31E
1980 FNL 1860 FEL SEC
IC 300157049795

WILDCAT; 12500 BONE SPRING, (FR 10/16/95MD) (ST APPD PMT: 11/22/95)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0404; **EL**: 3484 GR; **LOCATION DATA**: 20 MI E LOVING, NM **1 MI**
NE/14994 (MRRW) GAS PROD IN SAND DUNES SOUTH FLD ;
(VERTICAL)

WS

LOC;

SONAT EXPL
1 LOTOS '11-F' FEDERAL
API 30-015-28655

11-24S-31E
330 FNL 330 FEL SEC
IC 300157037295

WILDCAT; 9100 BONE SPRING, (FR 08/03/95MD) (ST APPD PMT: 08/03/96)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3504 GR; **LOCATION DATA**: 20 MI E LOVING, NM **1 MI**
SE/7210 (DLWR) OIL PROD IN INGLE WELLS FLD ; (VERTICAL)

WD

LOC;

SONAT EXPL
1 LOTOS '11' FEDERAL
API 30-015-28672

11-24S-31E
330 FNL 330 FWL SEC
IC 300157037195

WILDCAT; 9050 BONE SPRING, (FR 08/03/95MD) (ST APPD PMT: 09/21/96)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3489 GR; **LOCATION DATA**: 20 MI E LOVING, NM **.50 MI**
SW/7210 (DLWR) OIL PROD IN INGLE WELLS FLD ; (VERTICAL)

WD

LOC;

SONAT EXPL
1 LOTOS '12-G' FEDERAL
API 30-015-28936

12-24S-31E
660 FNL 330 FEL SEC
IC 300157010396

WILDCAT; 9000 BONE SPRING, (FR 02/23/96MD) (ST APPD PMT: 04/08/96)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3543 GR; **LOCATION DATA**: 20 MI E LOVING, NM **.75 MI**
S/8312 (BRSC) OIL PROD IN INGLE WELLS FLD ; (VERTICAL)

WD

LOC;

SONAT EXPL
2 SOTOL 'A' FEDERAL
API 30-015-28656

12-24S-31E
660 FNL 660 FWL SEC
IC 300157037395

WILDCAT; 9150 BONE SPRING, (FR 08/03/95MD) (ST APPD PMT: 08/03/96)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3515 GR; **LOCATION DATA**: 20 MI W LOVING, NM **.50**
MI/13997 (ATOKA) GAS PROD IN COTTON DRAW FIELD ;
(VERTICAL)

WS

LOC;

SONAT EXPL
1 LOTOS '15-E' FEDERAL
API 30-015-28673

15-24S-31E
330 FSL 330 FWL SEC
IC 300157037495

WILDCAT; 9000 BONE SPRING, (FR 08/03/95MD) (ST APPD PMT: 09/21/96)
OPER ADD: 110 W LOUISIANA, STE 500, MIDLAND, TX, 79701 PHONE (915)
684-0400; **EL**: 3518 GR; **LOCATION DATA**: 20 MI E LOVING, NM **.75 MI**
SW/15024 (MRRW) GAS PROD IN SAND DUNES SOUTH FIELD ;
(VERTICAL)

WS

LOC;

POGO PRODUCING
1 PATTON '17' FEDERAL
IC 30-015-70538-96

17-24S-31E
822 FSL 2581 FEL SEC

WILDCAT; 8500 BONE SPRING, (FR 10/28/96MD) **OPER ADD**: BOX 10340,
MIDLAND, TX, 79702 PHONE (915) 682-6822; **EL**: 3512 GR; **LOCATION**
DATA: 20 MI SE LOVING, NM **.50 MI N/4376 (DLWR) OIL PROD IN**
POKER LAKE FIELD ; (VERTICAL)

WD

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. 9298
Order No. R-8592

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on January 20, 1988, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 25th day of January, 1988, 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 Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of Alacran Hills-Wolfcamp Gas Pool. Said Alacran Hills-Wolfcamp Gas Pool was discovered by the BHP Petroleum Company, Inc. Cerf Federal Com Well No. 1, located in Unit C of Section 10, Township 21 South, Range 27 East, NMPM. It was completed in the Wolfcamp formation on August 14, 1987. The top of the perforations is at 9,328 feet.

(3) There is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Ingle Wells-Bone Spring Pool. Said Ingle Wells-Bone Spring Pool was discovered by the Santa Fe Energy Partners L.P. Triple S 33 Federal Well No. 1, located in Unit G of Section

33, Township 23 South, Range 31 East, NMPM. It was completed in the Bone Spring formation on September 26, 1987. The top of the perforations is at 9,270 feet.

(4) There is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of Poker Lake-Delaware Pool. Said Poker Lake-Delaware Pool was discovered by the Bass Enterprises Production Company Poker Lake Unit Well No. 68, located in Unit B of Section 20, Township 24 South, Range 31 East, NMPM. It was completed in the Delaware formation on October 8, 1987. The top of the perforations is at 4,376 feet.

(5) There is need for certain extensions to the Artesia Queen-Grayburg-San Andres Pool, the East Carlsbad-Wolfcamp Gas Pool, the Shugart Yates-Seven Rivers-Queen-Grayburg Pool, and the North Shugart-Bone Spring Pool, all in Eddy County, New Mexico, and the Foor Ranch Pre-Permian Gas Pool, the South Pecos Slope-Abo Gas Pool, and the West Pecos Slope-Abo Gas Pool, all in Chaves County, New Mexico.

IT IS THEREFORE ORDERED THAT:

(a) A new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production, is hereby created and designated as the Alacran Hills-Wolfcamp Gas Pool, consisting of the following described area:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 10: N/2

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

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM
Section 33: NE/4

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

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM
Section 20: NE/4

(d) The Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
Section 25: SW/4

(e) The East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 1: S/2

(f) The Foor Ranch Pre-Permian Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 26 EAST, NMPM
Section 11: E/2

(g) The South Pecos Slope-Abo Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 25 EAST, NMPM
Section 32: E/2

TOWNSHIP 10 SOUTH, RANGE 26 EAST, NMPM
Section 2: NW/4
Section 6: SW/4

(h) The West Pecos Slope-Abo Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 5 SOUTH, RANGE 21 EAST, NMPM
Section 35: SW/4

(i) The North Shugart-Bone Spring Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 7: E/2
Section 8: N/2

(j) The Shugart Yates-Seven Rivers-Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 2: N/2

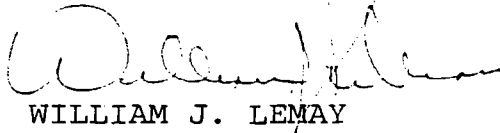
IT IS FURTHER ORDERED THAT:

(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 and extensions included herein shall be February 1, 1988.

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/

County Eddy Pool Poker Lake - Delaware

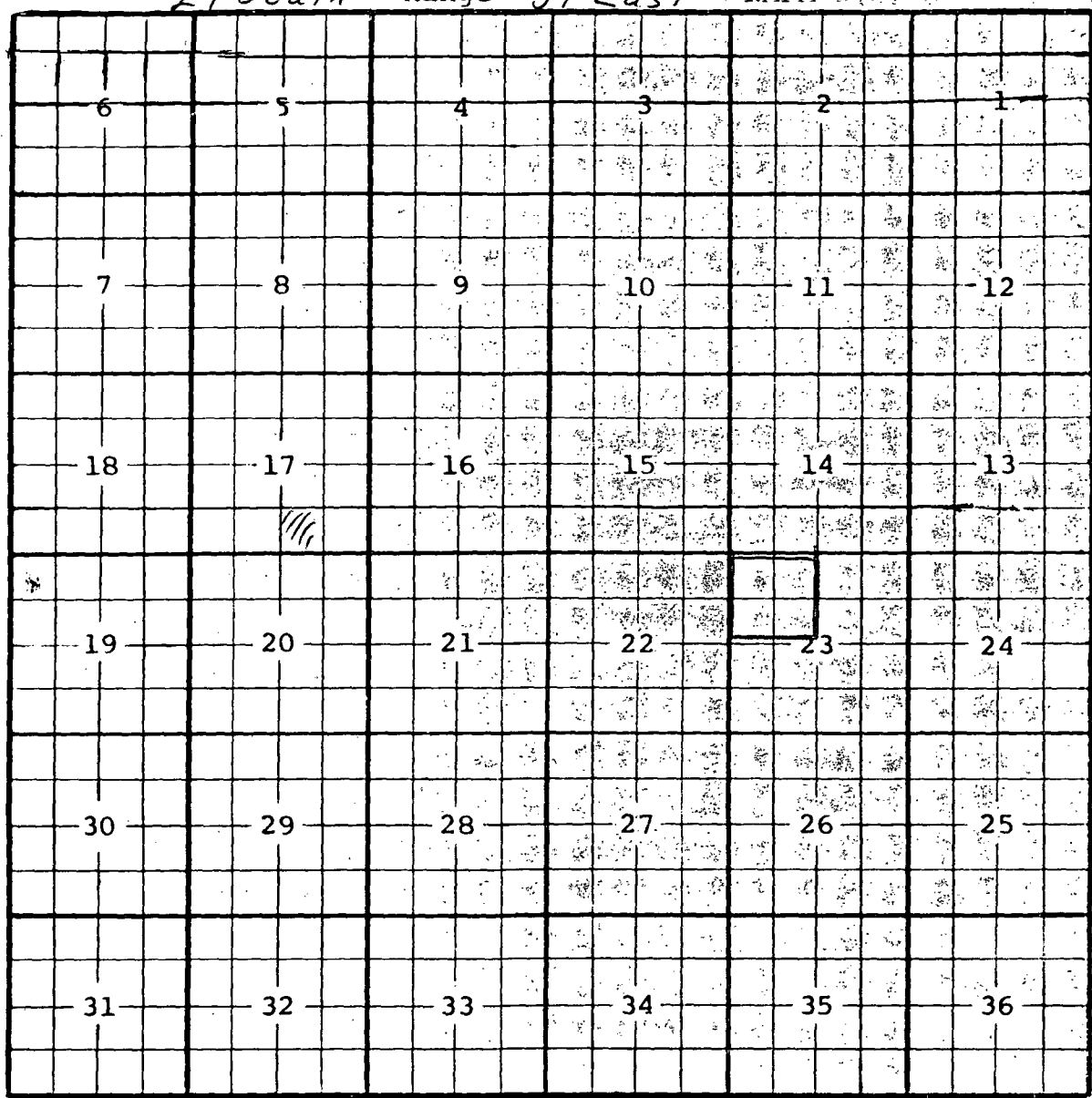
TOWNSHIP 24 South, RANGE 31 East, NEW MEXICO PRINCIPAL MERIDIAN

6	8	4	3	2	1
7	8	9	10	11	12
13	17	18	19	14	15
16	20	21	22	23	24
26	29	28	27	26	25
31	32	33	34	35	36

DESCRIPTION: NE/4 SEC 20 (R-8592, 1/25/88)

County Eddy Pool East Poker Lake - Delaware

TOWNSHIP 24 South Range 31 East NMPM



Description: NW 1/4 Sec. 23 (R-9668, 5-6-92)

county Eddy

pool North Poker Lake - Delaware

TOWNSHIP 24 South

Range 31 East

NMPM

6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

Description: NW 1/4 Sec. 16 (R-9771, 11-19-92)

County Eddy Pool Northwest Poker Lake Delaware

TOWNSHIP 24 South Range 30 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext: $E/2$ Sec. 13 (R-10324, 3-7-95) Ext: $SE/4$ Sec. 12 (R-10343, 4-24-95)

County Eddy Pool Northwest Poker Lake-Delaware

County Eddy Pool Northwest Poker Lake-Delaware

TOWNSHIP 24 South Range 31 East NMPM

TOWNSHIP 24 South Range 31 East NMPM

TOWNSHIP 24 South Range 31 East NMPM

TOWNSHIP 24 South Range 31 East NMPM

TOWNSHIP 24 South Range 31 East NMPM

A 36x6 grid with numbers 1-36 in a boustrophedon pattern. A 2x2 square is marked on the left, and a diagonal line is drawn through the center.

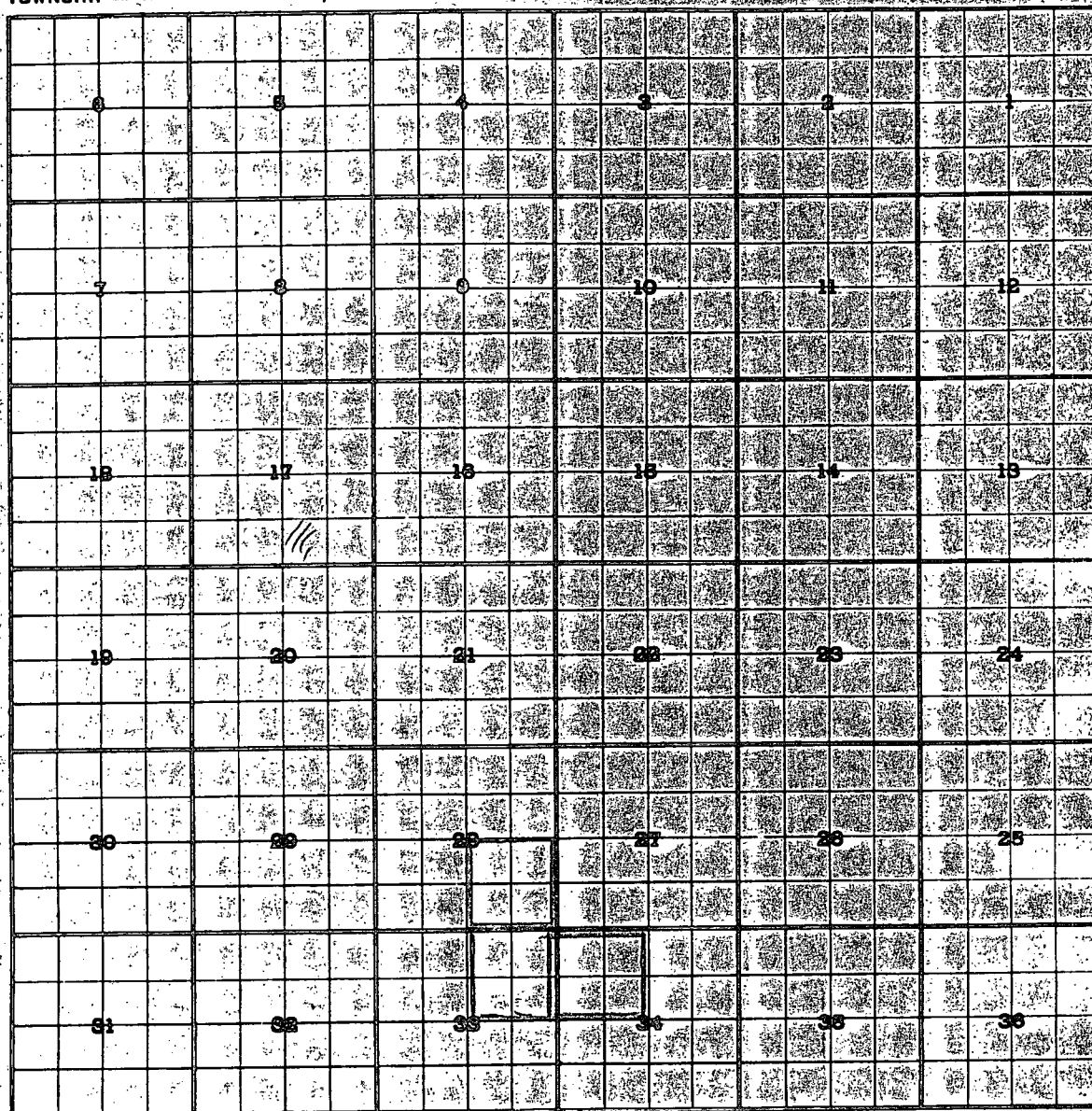
Description: NW/4 Sec. 18 (R-9981, 10-1-93)

100

County Eddy

Pool South Poker Lake -
Delaware

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



Desc: SE 1/4 sec 28 (R-8945, 5-31-89)

Ext: NE 1/4 Sec. 33 (R-9326, 11-7-90) Ext: NW 1/4 Sec. 34 (R-9668, 5-6-92)

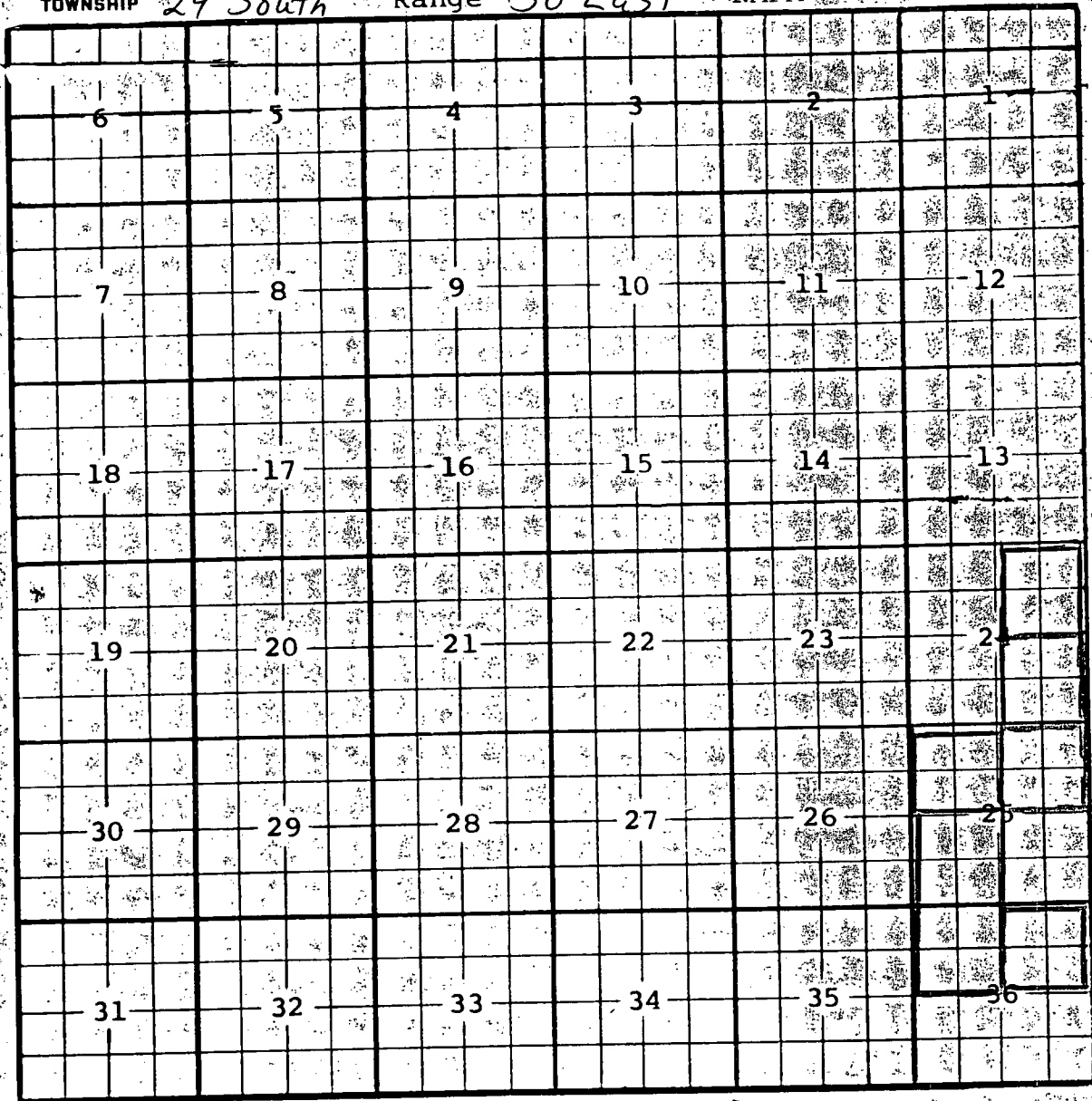
county Eddy

pool Southwest Poker Lake-Delaware

TOWNSHIP 24 South

Range 30 East

NMPM



Description: NE 1/4 Sec. 25 (R-10042, 12-28-93) Ext. SE 1/4 Sec. 24 (R-10124, 5-31-94)
Ext: NW 1/4 Sec. 25 (R-10324, 3-7-95) Ext. SW 1/4 Sec. 25, NW 1/4 Sec. 36 (R-10343, 9-24-95)
Ext: NE 1/4 Sec. 36 (R-10529, 12-28-95) Ext. NE 1/4 Sec. 24 (R-10680, 10-8-96)

county Eddy

pool Southwest Poker Lake-Delaware

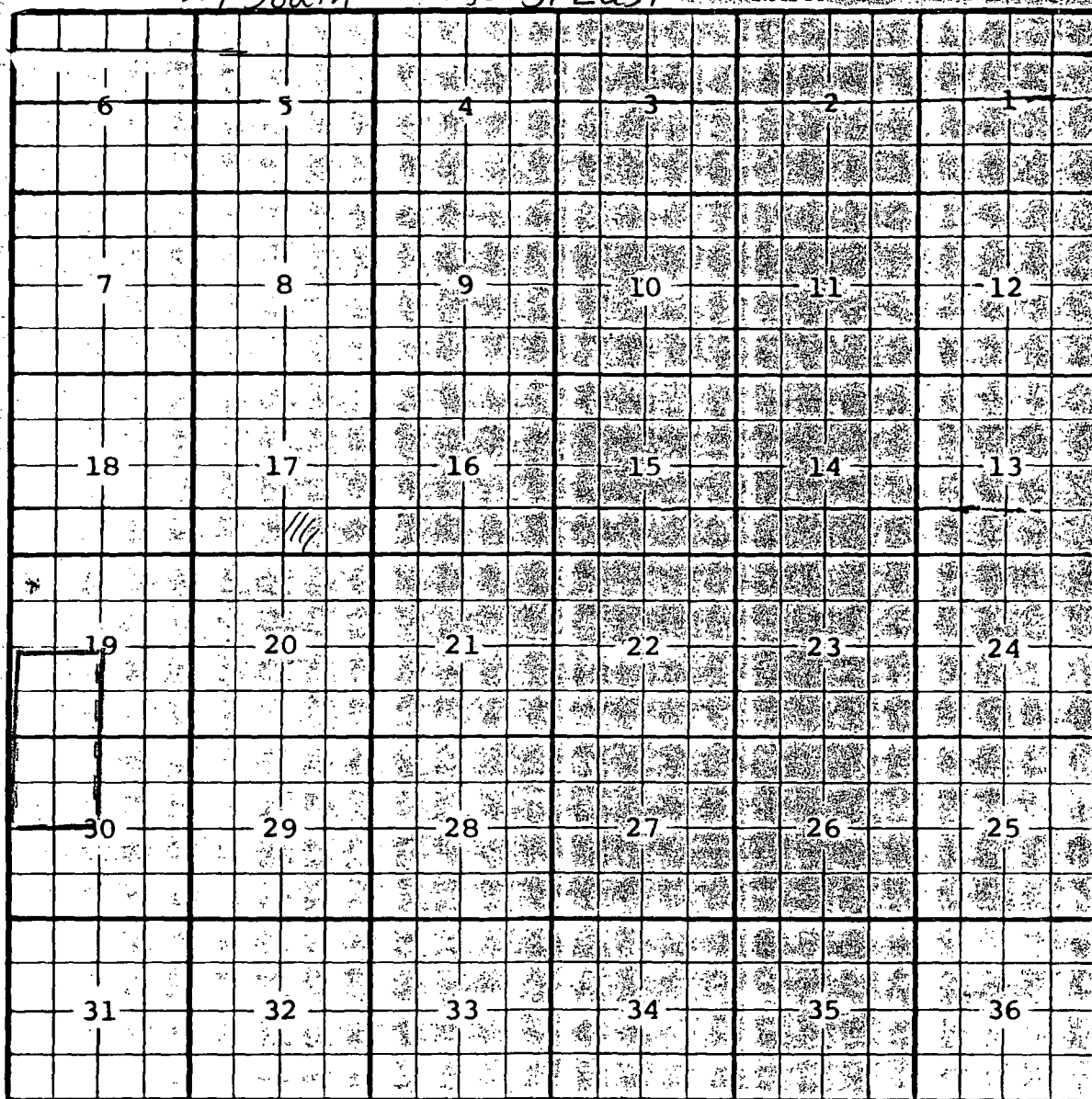
TOWNSHIP

24 South

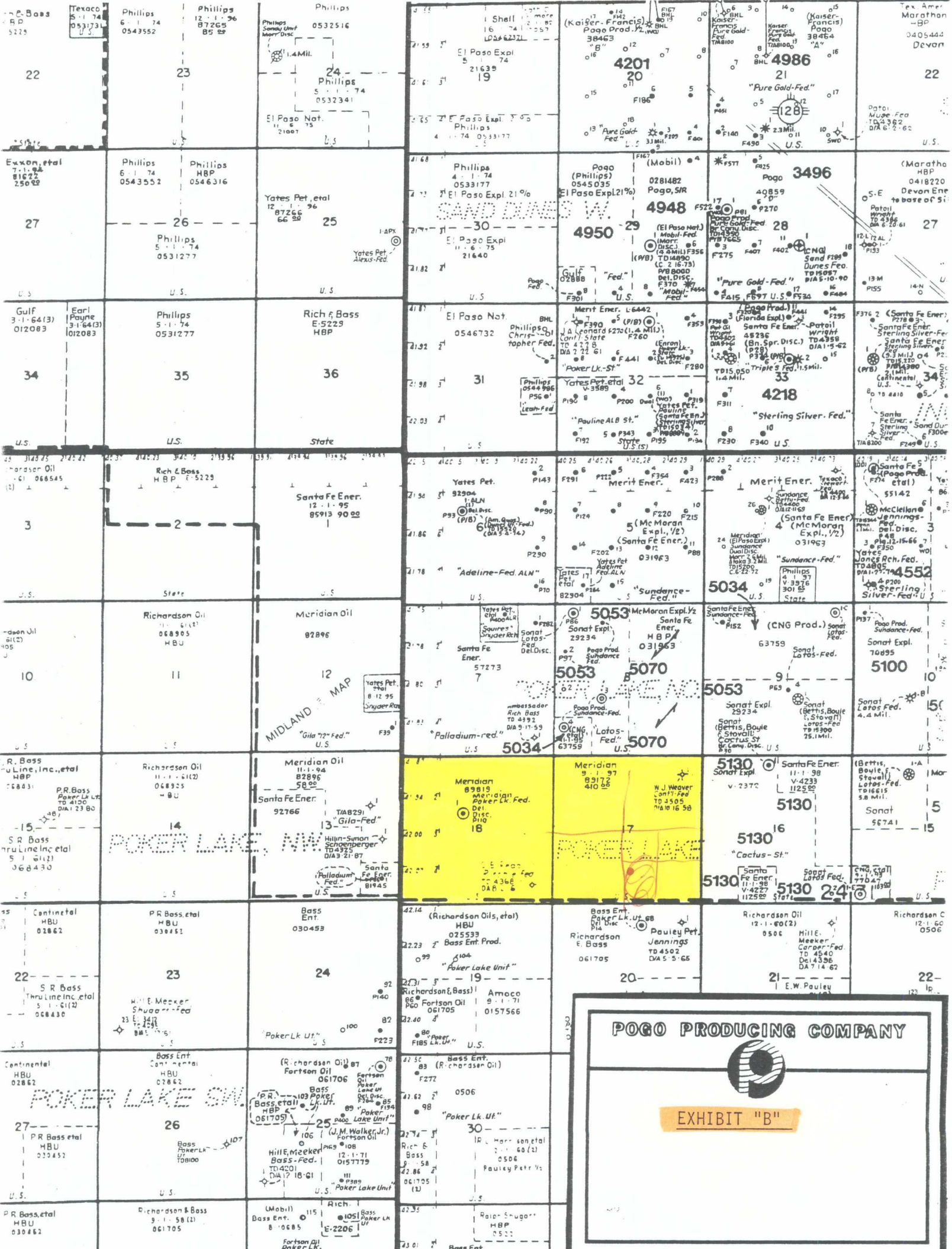
Range

31 East

NMPM



Ext: ^{SW} 1/4 Sec. 19, ^{NW} 1/4 Sec. 30 (R-10124, S-31-24)



POGO PRODUCING COMPANY



EXHIBIT "B"

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

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

December 5, 1996

Hand Delivered

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

Re: Administrative application of Pogo Producing Company for
an unorthodox oil well location:

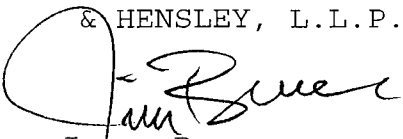
Patton "17" Fed. Well No. 1
822 feet FSL & 2581 feet FEL
SW $\frac{1}{4}$ SE $\frac{1}{4}$ of S17, Township 24 South, Range 31 East
Eddy County, New Mexico

Dear Mike:

Pogo plans to spud the above well about December 18th. I know you are going on vacation, and thus any attention you can give to this application is appreciated. (The application was only filed ten days ago. However, there are no offsets affected by the application, and thus the 20 day notice period is inapplicable.)

Very truly yours,

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


James Bruce

Attorneys for Pogo Producing
Company