

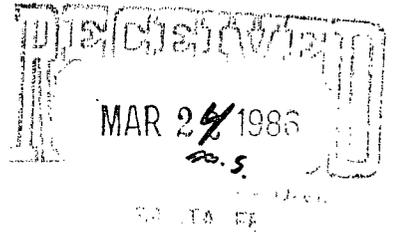
Pogo Producing Company

Western Division

600 United Bank Building • Post Office Box 10340 • Midland, Texas 79702-7340 • 915/682-6822

Received 3/24/86
Release 3/26/86

475.5



March 13, 1986

Oil Conservation Division
Attn: Mr. Mike Stogner
P.O. Box 2088
Santa Fe, New Mexico 87501

NSL-2241

Rule 104F(1)

RE: Rule 104F, State V-492^{Will} No. 1
760' ENL & 810' FEET
Section 27, T-24-S, R-28-E
Eddy County, New Mexico

Undesignated Malaga Morrow Gas Pool

Gentlemen:

stan. 320-acre 1/2 of 27

The captioned well is submitted for your approval to drill under Rule 104F for all zones from the surface to include the Morrow formation at 13,100 feet.

A standard location would be situated in Willow Lake. The proposed site is located as close to the east edge of Willow Lake as feasible to allow drilling and completion operations to prevent damage to the lake environment. Form C-102 depicts the topographical conditions.

Exhibit A is a list of offset lease owners and the operator of one offset well. Waivers were sent to each party listed by certified mail and their executed waivers are attached.

Exhibit B is a lease plat showing the proposed well and offset ownership by section.

Your prompt attention to this application will be appreciated.

Yours very truly,

B. O. Williams
B. O. Williams
Division Operations Manager

4/1/86

M.S.

BJW/sj

Enclosure

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.P.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
V-492

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK

b. Type of Well
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Pogo Producing Company

3. Address of Operator
P.O. Box 10340 Midland, Texas 79702

4. Location of Well
UNIT LETTER A LOCATED 760 FEET FROM THE North LINE
AND 810 FEET FROM THE East LINE OF SEC. 27 TWP. 24-S RCE. 28-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
State V-492

9. Well No.
1

10. Field and Pool, or Wildcat
Malaga Morrow

12. County
Eddy

19. Proposed Depth
13,100'

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, KT, etc.)
2961.6' GR

21A. Kind & Status Plug. Bond
Blanket on file

21B. Drilling Contractor
Unknown

22. Approx. Date Work will start
April 1, 1986

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26	20	94	620	1600	Circulate
17 1/2	13 3/8	54.50 & 61	2560	2600	Circulate
12 1/4	9 5/8	40 & 43.50	9800	2000	7000'
8 1/2	7	29 & 32	12,015	600	9400'
6	5	15	13,100	300	11,800'

Proposal is to drill to the Barnett and test the Morrow. Cement will be circulated to the surface on the 20" and 13 3/8" casing strings.

Possible zones for DST are the Delaware, Bone Springs, Wolfcamp, Strawn, Atoka and Morrow. Adequate logs will be run to evaluate all zones from the Delaware to total depth.

Mud Program: Spud mud to 620'. Brine to 2560'. Cut brine to 9800'. Brine and KCL Polymer to total depth.

BOP Program: 600' to 9800', 3000# WP. 9800' to total depth, 10,000# WP.

Gas on the lease is not dedicated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Division Operations Manager Date 3/7/86

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

Form No. 1
Superseded 6-12-84
Effective 1-1-85

MAR 6 1986

All distances must be from the outer boundaries of the Section

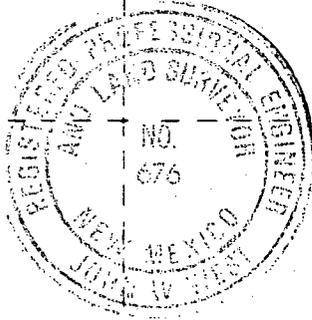
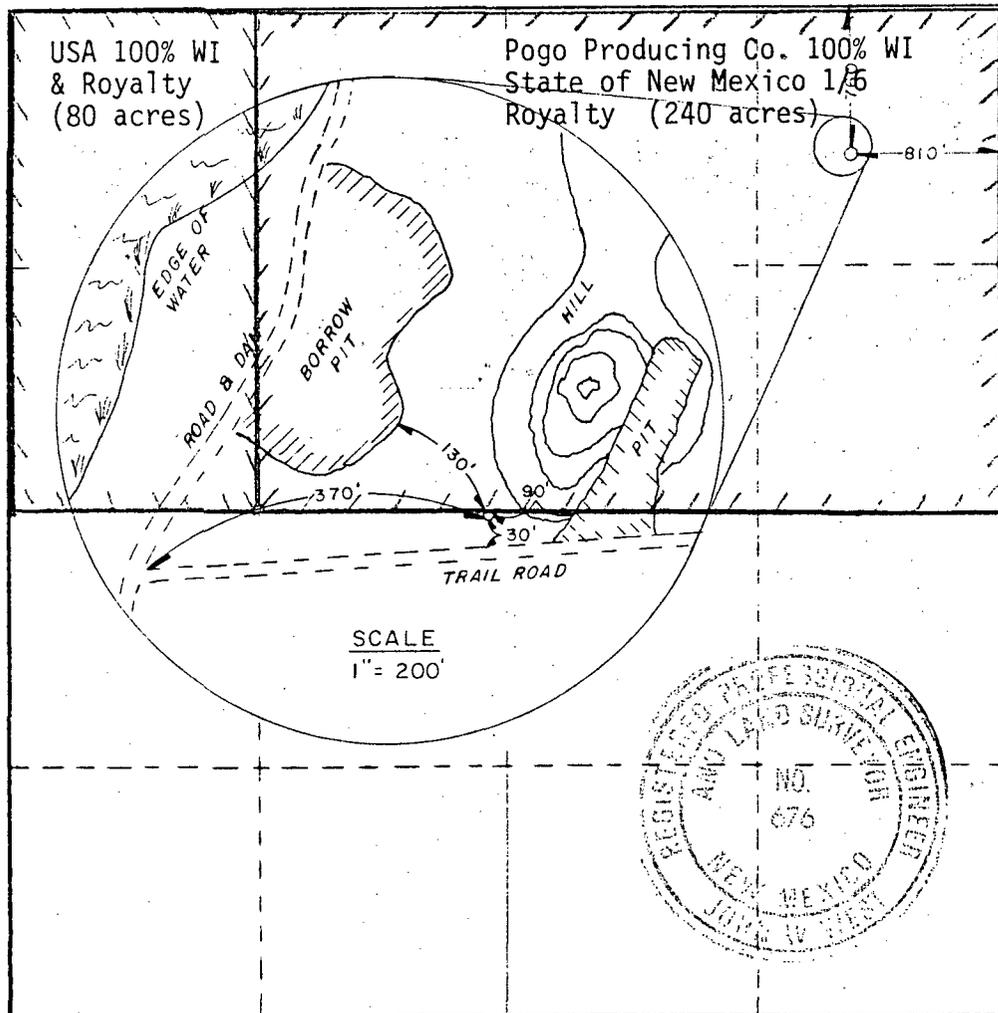
Operator: POGO PRODUCING COMPANY		Lease: STATE V-492		County: Midland	
Tract Letter: A	Section: 27	Township: 24 SOUTH	Range: 28 EAST	County: EDDY	
Actual Possible Location of Well: 760 feet from the NORTH line and 810 feet from the EAST line.					
Ground Level Elev.: 2961.6'	Producing Formation: Morrow	Pool: Malaga Morrow	Dedicated Acreage: 320		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) Communitization Agreement is being prepared

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

B. J. Williams
B. J. Williams

Division Operations Manager

Pogo Producing Company

March 6, 1986

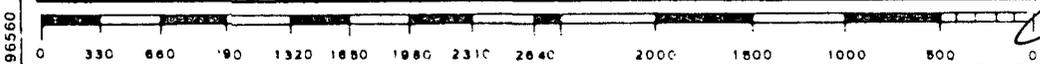
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: FEBRUARY 28, 1986

Registered Professional Engineer and or Land Surveyor

John W. West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239



POGO PRODUCING COMPANY
EXHIBIT A
Offset Operator and Lessees
N/2 Section 27, T-24-S, R-28-E
Eddy County, New Mexico

S/2 Section 21 &
Section 28 :

Lessees: ✓ Amoco Production Company
P.O. Box 3090
Houston, Texas 77253

✓ HNG Oil Company
P.O. Box 2267
Midland, Texas 79702

✓ M. Brad Bennett
P.O. Box 2062
Midland, Texas 79702

S/2 Section 22:

Operator of Aminoil Federal No. 1
✓ Dinero Operating Company
P.O. Drawer 10505
Midland, Texas 79702

SW/4 SW/4 Section 23:

Lessee: Pogo Producing Company
P.O. Box 10340
Midland, Texas 79702

W/2 Section 26:

Lessees: Pogo Producing Company
P.O. Box 10340
Midland, Texas 79702

✓ HNG Oil Company
P.O. Box 2267
Midland, Texas 79702

S/2 Section 27:

Lessee: Pogo Producing Company
P.O. Box 10340
Midland, Texas 79702

HNG State
3.2 Mil.
HNG Oil
LG-6175

HCW Expl.

MALAGA

"Ann"
City of Malaga
(Czeskieba)

R Randi

Coquina Marro (P/B)
Sm Tr
Santa Fe Ener.
No Michigan Excl
Sec. 14 HBP
City of Malaga

L.W. Barnes
James
Santa Fe Ener.
W. Burkham, 1/2 M.I.
Anna Landrum, et al
J.R. Rowan
5/2 NE/4
J. Rowan
Burkham, 1/2 M.I.
Anna Landrum

16

Fxxon 4-1-88 V-694
Union State 6563
TD 2692
DVA 3-13-62
Aminoil 6-1-82
Willow Lake Unit
TD 2873
State
Pardue Farms (S)

Aztec 1/2
10-22-77
Pardue Farms
McName
W. Barnes
B.G. Barton Jr.
12-10-82
N.W. Roberts

Barton (P/B)
Disc. P-46
(1.6 Mil)
Wilson
HBCN/2
Aminoil 5-23-80
H.G. Warren
R. Ward et al
7-15-84
Sm. Tr.
W.A. Miller

J.H. Isbell
Pogo Prod. Lightfoot
23-04
Aminoil Vincent
TO 1312
Aminoil
Pogo Prod. S/2 of Sec. Coquina
J.P. Vincent
Ovide & Seawell

Pogo et al
HNG
James
NESE
James
Aminoil
Pogo Lightfoot
64
Rec.
Mink

Yates Pet. 4-24-89
Maddox Ener. Pardue Farm
Sorenson 1-12-86
Aminoil 4-30-85
Sm Tr
Pardue Farm
Bn. Spr. Disc. P22
Dekalb Pardue 22665
3-5-53
Maddox Ener. 5-13-86

Aztec 20360
Kaiser-Francis
Willow Lake Unit
Fed Atoka Disc
34.9 Mil. U.S.
Pardue Farms

Internat'l. Mins. & Chem. (S)
Aminoil 8-23-77
International Mins. & Chem. (S)

Aminoil 2-25-79
F.W. Courtney
Maddox Ener. 12-1-80 11-16-80
Pardue Farms
Internat'l. Mins. & Chem. (S)

Aminoil 8-23-77
Sun 2-21-71
HNG Oil
Aztec 1/2
10-20-78
V. Westbrook
S/R
L.B. Lyons
Sun-Recd
TO 2737
Sun 6-24-71

21

So. Roy. 2-1-89
50032
25010
KGS
Pardue Farms (S)

HBC S/2
Aminoil
Internat'l. Mins. & Chem. (S)
U.S. 0566542
Dinero
Aminoil-Fed.
R.C. Roberts
24.8 Mil.
Internat'l. Mins. & Chem. (S)

HNG 8-23-77
Guitar
Pardue Farm

USMOil et al 7-85
Internat'l. Mins. & Chem. (S)
U.S.
Internat'l. Mins. & Chem. (S)

Amoco 36975
HNG
M. Brad Bennett
U.S.
Enfield Fed 1-28
TD 2920
DVA 10-22-73
28
Pardue Farms (S)
Frederick Rose
TD 2893
U.S.

AMINOIL (OPER)
WILLOW LAKE UNIT
Pogo St. V-492
E.A. Hanson
El 3000
TD 2651
MA 5-15-59
27
Aztec 9-1-81
L-6525
1157
Pogo 6-1-93
54857
Bunel Recd. Sr.
TD 2622
U.S.
State
International Mins. & Chem. (S)

Sun 6-24-71
V.H. Westbrook S/R
Etta Reed
Internat'l. Mins. & Chem. (S)
Pogo Prod. 7-1-87
V-579
2900
State
internat'l. Mins. & Chem. (S)
26
HNG 8-23-77
Sun 6-24-71
V.H. Westbrook S/R
U.S.
International Mins. & Chem. (S)

U.S.
Internat'l. Mins. & Chem. (S)

(Union) Maddox Ener.
25954
Bn. Spr. Disc. P41

Union 2-1-81
13074
U.S.

HNG Oil 2-1-86
27190
Amoco 25953

Amoco 4-1-81
25953
International Mins. & Chem. (S)

HNG Oil 8-1-87
30630
So. Roy. 8-1-91
44527
Union Fed
U.S.
Pardue Farms
33
HNG Oil 8-1-87
30630
U.S.

Union 2-1-81
13074
U.S.
"Fed"
2.6 Mil.
Morr Disc

Amoco 1-1-83
17222
international Mins. & Chem. (S)

Union 5-1-81
25954
U.S.
Pardue Farms

Union 2-1-81
13074
U.S.
international Mins. & Chem. (S)

POGO PRODUCING COMPANY
Exhibit B
Lease Plat
State V-492 #1
Eddy County, New Mexico





CERTIFIED MAIL - P 167 342 002 - RETURN RECEIPT REQUESTED

Pogo Producing Company

Western Division

600 United Bank Building • Post Office Box 10340 • Midland, Texas 79702-7340 • 915/682-6822

March 5, 1986

Sun Exploration and Production Company
#24 Smith Road, Sun Tower, Suite 600
Midland, Texas 79705

Attention: Mr. Rick Everett

Re: Waiver of Objection to Unorthodox Location
from Offset Operators, 760' FNL & 810' FEL
Section 27, T-24-S, R-28-E, Eddy County, NM
Pogo's NM-571

Gentlemen:

Pogo Producing Company ("Pogo") desires to drill a well to test the Atoka and Morrow formations at a location of 760' FNL and 810' FEL of Section 27, T-24-S, R-28-E, Eddy County, New Mexico. Since the proration unit for said well will be 320 acres, being the $N\frac{1}{2}$ of said Section 27, the proposed location is unorthodox and requires approval by the Oil Conservation Division of the State of New Mexico. To obtain approval, Pogo has made application to the Commission by correspondence, a copy of which is attached.

The subject location is being proposed due to topographical restrictions in the $N\frac{1}{2}$ of said Section 27. Therefore, if you have no objection to our proposed location, we request that you execute and return two (2) copies of this letter advising us of same at your earliest convenience. Your cooperation in handling this matter will be greatly appreciated. Should you have any questions, please contact our office.

Yours very truly,

POGO PRODUCING COMPANY

Jerry A. Weant
Landman - Western Division

JAW:mo
Enclosures

The undersigned has no objection to the location specified hereinabove.

Dated this 10th day of MARCH, 1986

Sun Exploration and Production Company

By:



CERTIFIED MAIL - P 167 341 997 - RETURN RECEIPT REQUESTED

Pogo Producing Company

Western Division

600 United Bank Building • Post Office Box 10340 • Midland, Texas 79702-7340 • 915/682-6822

March 5, 1986

Maddox Energy
717 N. Harwood, Suite 3030
Dallas, Texas 75201

Attention: Mr. Brad Mantz

Re: Waiver of Objection to Unorthodox Location
from Offset Operators, 760' FNL & 810' FEL
Section 27, T-24-S, R-28-E, Eddy County, NM
Pogo's NM-571

Gentlemen:

Pogo Producing Company ("Pogo") desires to drill a well to test the Atoka and Morrow formations at a location of 760' FNL and 810' FEL of Section 27, T-24-S, R-28-E, Eddy County, New Mexico. Since the proration unit for said well will be 320 acres, being the $N\frac{1}{2}$ of said Section 27, the proposed location is unorthodox and requires approval by the Oil Conservation Division of the State of New Mexico. To obtain approval, Pogo has made application to the Commission by correspondence, a copy of which is attached.

The subject location is being proposed due to topographical restrictions in the $N\frac{1}{2}$ of said Section 27. Therefore, if you have no objection to our proposed location, we request that you execute and return two (2) copies of this letter advising us of same at your earliest convenience. Your cooperation in handling this matter will be greatly appreciated. Should you have any questions, please contact our office.

Yours very truly,

POGO PRODUCING COMPANY

Jerry A. Weant
Landman - Western Division

JAW:mo
Enclosures

The undersigned has no objection to the location specified hereinabove.

Dated this 10th day of March, 1986

Maddox Energy

By: E. R. [Signature] V.P.



CERTIFIED MAIL - P 167 341 996 - RETURN RECEIPT REQUESTED

Pogo Producing Company

Western Division

600 United Bank Building • Post Office Box 10340 • Midland, Texas 79702-7340 • 915/682-6822

March 5, 1986

HNG Oil Company
P. O. Box 2267
Midland, Texas 79702

Attention: Mr. Frank Estep

Re: Waiver of Objection to Unorthodox Location
from Offset Operators, 760' FNL & 810' FEL
Section 27, T-24-S, R-28-E, Eddy County, NM
Pogo's NM-571

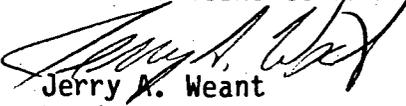
Gentlemen:

Pogo Producing Company ("Pogo") desires to drill a well to test the Atoka and Morrow formations at a location of 760' FNL and 810' FEL of Section 27, T-24-S, R-28-E, Eddy County, New Mexico. Since the proration unit for said well will be 320 acres, being the N $\frac{1}{2}$ of said Section 27, the proposed location is unorthodox and requires approval by the Oil Conservation Division of the State of New Mexico. To obtain approval, Pogo has made application to the Commission by correspondence, a copy of which is attached.

The subject location is being proposed due to topographical restrictions in the N $\frac{1}{2}$ of said Section 27. Therefore, if you have no objection to our proposed location, we request that you execute and return two (2) copies of this letter advising us of same at your earliest convenience. Your cooperation in handling this matter will be greatly appreciated. Should you have any questions, please contact our office.

Yours very truly,

POGO PRODUCING COMPANY


Jerry A. Weant
Landman - Western Division

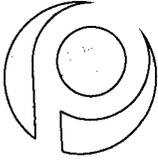
JAW:mo
Enclosures

The undersigned has no objection to the location specified hereinabove.

Dated this 12 day of MARCH, 1986

HNG Oil Company

By: 



CERTIFIED MAIL - P 167 341 998 - RETURN RECEIPT REQUESTED

Pogo Producing Company

Western Division

600 United Bank Building • Post Office Box 10340 • Midland, Texas 79702-7340 • 915/682-6822

March 5, 1986

M. Brad Bennett
P. O. Box 2062
Midland, Texas 79702

Re: Waiver of Objection to Unorthodox Location
from Offset Operators, 760' FNL & 810' FEL
Section 27, T-24-S, R-28-E, Eddy County, NM
Pogo's NM-571

Gentlemen:

Pogo Producing Company ("Pogo") desires to drill a well to test the Atoka and Morrow formations at a location of 760' FNL and 810' FEL of Section 27, T-24-S, R-28-E, Eddy County, New Mexico. Since the proration unit for said well will be 320 acres, being the $N\frac{1}{2}$ of said Section 27, the proposed location is unorthodox and requires approval by the Oil Conservation Division of the State of New Mexico. To obtain approval, Pogo has made application to the Commission by correspondence, a copy of which is attached.

The subject location is being proposed due to topographical restrictions in the $N\frac{1}{2}$ of said Section 27. Therefore, if you have no objection to our proposed location, we request that you execute and return two (2) copies of this letter advising us of same at your earliest convenience. Your cooperation in handling this matter will be greatly appreciated. Should you have any questions, please contact our office.

Yours very truly,

POGO PRODUCING COMPANY

Jerry A. Weant
Landman - Western Division

JAW:mo
Enclosures

The undersigned has no objection to the location specified hereinabove.

Dated this 12th day of March, 1986

M. Brad Bennett



CERTIFIED MAIL - P 167 342 001 - RETURN RECEIPT REQUESTED

Pogo Producing Company

Western Division

600 Unired Bank Building • Post Office Box 10340 • Midland, Texas 79702-7340 • 915/682-6822

March 5, 1986

Dinero Operating Co.
P. O. Drawer 10505
Midland, Texas 79702

Attention: Mr. Jim Dewey

Re: Waiver of Objection to Unorthodox Location
from Offset Operators, 760' FNL & 810' FEL
Section 27, T-24-S, R-28-E, Eddy County, NM
Pogo's NM-571

Gentlemen:

Pogo Producing Company ("Pogo") desires to drill a well to test the Atoka and Morrow formations at a location of 760' FNL and 810' FEL of Section 27, T-24-S, R-28-E, Eddy County, New Mexico. Since the proration unit for said well will be 320 acres, being the $N\frac{1}{2}$ of said Section 27, the proposed location is unorthodox and requires approval by the Oil Conservation Division of the State of New Mexico. To obtain approval, Pogo has made application to the Commission by correspondence, a copy of which is attached.

The subject location is being proposed due to topographical restrictions in the $N\frac{1}{2}$ of said Section 27. Therefore, if you have no objection to our proposed location, we request that you execute and return two (2) copies of this letter advising us of same at your earliest convenience. Your cooperation in handling this matter will be greatly appreciated. Should you have any questions, please contact our office.

Yours very truly,

POGO PRODUCING COMPANY

Jerry A. Weant
Landman - Western Division

JAW:mo
Enclosures

The undersigned has no objection to the location specified hereinabove.

Dated this 18th day of March, 1986

Dinero Operating Co.

By: Russell J. Hamstead



Amoco Production Company

Houston Region
501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

R. E. Ogden
Regional Engineering
Manager

March 14, 1986

File: JCA-986.51NM-1983

Re: Unorthodox Well Location
Pogo Producing Company's St. V-492 Well No. 1
Eddy County, New Mexico

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
State Land Office Building
Old Santa Fe Trail
P.O. Box 2088
Santa Fe, NM 87501

Gentlemen,

Amoco Production Company, as an offset operator, has been notified of the intention of Pogo Producing Company to drill the above referenced Atoka-Morrow well at a location 760' FNL and 810' FEL of Section 27, T-24-S, R-28-E, Eddy County, New Mexico. The N/2 of Section 27 will comprise the 320-acre proration unit to be dedicated to the well.

This is to advise that Amoco has no objection to the granting of a permit to drill the subject well at this location and hereby waives objection and notice of hearing on this application.

Very truly yours,

R. E. Ogden
SR

SPS/rr

cc: Pogo Producing Company
600 United Bank Building
P.O. Box 10340
Midland, Texas 79702-7340