

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

ATTORNEYS AT LAW

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

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

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

AUSTIN AFFILIATION
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JOSE CANO*

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

*NOT LICENSED IN NEW MEXICO

June 3, 1996

Via Hand Delivery

Michael E. Stogner
New Mexico Oil Conservation Division
2040 South Pacheco
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:

Lightfoot Well No. 1
1780 feet FSL & 2460 feet FEL
Section 14, Township 24 South, Range 28 East
Eddy County, New Mexico

The well was originally drilled as an Atoka/Morrow producer, and was recently recompleted in the Delaware formation (Malaga-Delaware Pool). Copies of the Form C-101, Form C-103, and Form C-105 for the recompletion are attached.

The offsetting well units (the SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, and NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 14) are operated by Pogo, and thus there are no offset operators to notify of this application.

Very truly yours,

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

James Bruce
James Bruce

NSL-POGO.1

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
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FAX (505) 768-1529

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

District I
PO Box 1940, Hobbs, NM 88241-1940

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Grande Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Fe, NM 87504-2088

RECEIVED

State of New Mexico

Energy, Minerals & Natural Resources Department

NOV 30 1995

OIL CONSERVATION DIVISION

PO Box 2088

MIDLAND Santa Fe, NM 87504-2088

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: Pogo Producing Company P. O. Box 10340, Midland, TX 79702-7340		OGRID Number 017891
		API Number 30-0 15-24451
Property Code 9330	Property Name Lightfoot	Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	14	24S	28E		1780	South	2460	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

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

Proposed Pool 1 Wildcat Delaware	Proposed Pool 2
-------------------------------------	-----------------

Work Type Code E	Well Type Code O	Cable/Rotary N/A	Lease Type Code P	Ground Level Elevation 2977.2
Multiple No	Proposed Depth PBSD 6400'	Formation Delaware	Contractor N/A	Spud Date N/A

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94#	623'	1380	circ 168 sks
17-1/2"	13-3/8"	54.5# & 61#	2623'	2800	circ 300 sks
12-1/4"	9-5/8"	40# & 43.5#	9772'	2460	TOC 3100' TS
8-1/2"	5-1/2" liner	20#	9368' to 12382'	1320	cmt 200' above liner

"Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the previous production and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary."

RECEIVED

NOV 17 1995

OIL CON. DIV.
DIST. 2

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

Signature:

Richard L. Wright

Printed Name:

Richard L. Wright

Title:

Division Operations Manager

Date:

11/15/95

Phone:

(915)682-6822

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUN
DISTRICT II SUPERVISOR

Title:

Approval Date:

NOV 20 1995

Expiration Date:

5-10-96

Continuation of Approval:

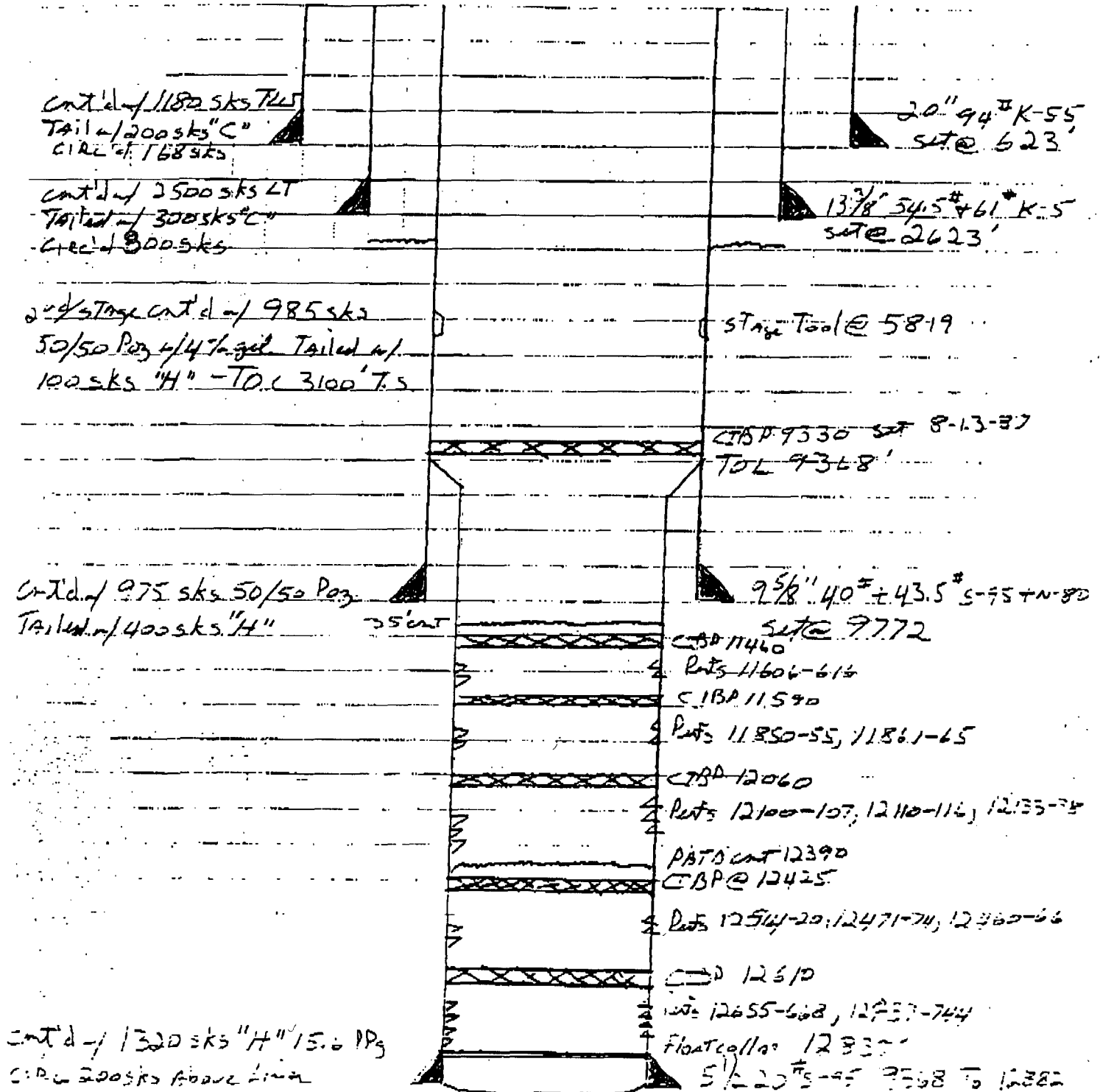
Attached ☐

Lightfoot #1

REENTRY

Well Bore Diagram

10-18-75



Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

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

JAN 29 1996

MIDLAND

WELL APT NO.

30-015-24451

1. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Lightfoot

8. Well No.

1

9. Pool name or Wildcat
Wildcat Delaware

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil
WELL ☒

Gas
WELL ☐

OTHER

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter J : 1780 Feet From The South Line and 2460 Feet From The East Line

Section 14

Township 24S

Range 28E

NMPM

Eddy

County

10. Elevation (Show whether DP, RKB, RT, GR, etc.)

2977' GR

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/17/95 Spot 70 sxs (200') cmt on top of CIBP @ 9330'. New PBTD 9130'.

12/19/95 Run CBL F/6400'-3800'. Locate TOC @ 3126'. Perf 9-5/8" csg 6104'-40' (72 - .50" dia holes). Acidize w/ 1000 gals HCl.

12/21/95 Frac Delaware w/ 40,000# 20/40 sand.

12/25/95 Run production equipment. Put well on production. (Note: Working w/ Llano to install gas connect. Will have in place and selling by 1/19/96.)

RECEIVED

OIL CON. DIV.
DIST. 2

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

SIGNATURE

Barrett L. Smith

TITLE

Sr. Operations Engineer

DATE 1/16/96

TYPE OR PRINT NAME

Barrett L. Smith

(915)682-6822

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY

TITLE

DATE

JAN 23 1996

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-105
Revised 1-1-89

WELL API NO.

30-015-24451

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Lightfoot

8. Well No.

1

9. Pool name or Wildcat

Wildcat Delaware

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☒ PLUG BACK ☐ REFR. RESVR. ☐ OTHER ☐

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter J : 1780 Feet From The South Line and 2460 Feet From The East Line

Section 14 Township 24S Range 28E NMPM Eddy County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.)

12/25/95

13. Elevations (DF & RKB, RT, GR, etc.)

2977' GR

14. Elev. Casinghead

15. Total Depth

12,382'

16. Plug Back T.D.

9130'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

6104'-40' Delaware

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

CBL

22. Was Well Cored

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	6051'	

26. Perforation record (interval, size, and number)

6104'-40' (72 - .50" dia holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6104'-40'	Acidz w/ 1000 gals 7-1/2% HCl
	Frac w/ 40,000 20/40 sand

28. PRODUCTION

Date First Production 12/25/95		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1-1/4 insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 1/10/96	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - Bbl. 33	Gas - MCF 234 47	Water - Bbl. 116	Gas - Oil Ratio 1428 1090-1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 33	Gas - MCF 234 47	Water - Bbl. 116	Oil Gravity - API - (Corr.) 39.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Blaise Campanella

30. List Attachments

C-104, Sundry, Log

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Barrett L. Smith

Printed

Name Barrett L. Smith

Title Sr. Oper. Eng. Date 1/16/96



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

June 11, 1996

Pogo Producing Company
c/o Hinkle, Cox, Eaton, Coffield & Hensley, P.L.L.C.
P. O. Box 2068
Santa Fe, New Mexico 87504-2068

Attention: James Bruce

Re: Administrative Application for an
Unorthodox Oil Well Location: Lightfoot
Well No. 1 (API No. 30-015-24451) located
1780' FSL & 2460' FEL (Unit J) of Section
14, Township 24 South, Range 28 East,
NMPM, Eddy County, New Mexico.

Dear Mr. Bruce:

In reviewing the subject application, I could find no record of "operations" in the adjacent 40-acre tract dedicated to the subject well, being the NW/4 SE/4 of said Section 14. Was notification to all affected parties provided, pursuant to Rule 104.F(3) of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10533, issued by the Oil Conservation Commission in Case 11,351 on January 18, 1996.

Should you have any questions concerning this matter, please contact me in Santa Fe at (505) 827-8185. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner", written over a horizontal line.

Michael E. Stogner
Chief Hearing Officer/Engineer

cc: Oil Conservation Division - Artesia

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

ATTORNEYS AT LAW

218 MONTEZUMA POST OFFICE BOX 2068

SANTA FE, NEW MEXICO 87504-2068

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JAMES H. WOOD*
NANCY L. STRATTON
TIMOTHY R. BROWN
JAMES C. MARTIN

*NOT LICENSED IN NEW MEXICO

June 17, 1996

Via Hand Delivery

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

Re: Pogo Producing Company
Lightfoot Well No. 1
1780 feet FSL & 2460 feet FEL
Section 14-24 South-28 East

Dear Mr. Stogner:

We received your letter of June 11, 1996 regarding notice to affected parties in the offsetting proration unit (the NE $\frac{1}{4}$ SW $\frac{1}{4}$). Please be advised that all parties in the S $\frac{1}{2}$ of Section 14 share in production from the above well, regardless of completion depth.

Enclosed as Exhibit A is a portion of an Operating Agreement covering the S $\frac{1}{2}$ of Section 14, from the surface to the base of the Morrow, and naming Pogo as operator. You can see that ownership is quite split up (the acreage contains part of the townsite of Malaga, I believe). Enclosed as Exhibit B is the letter from Pogo to all working interest owners in the S $\frac{1}{2}$ of Section 14, proposing recompletion to the Delaware. You can see from these documents that all interest owners share in production from the well, and thus the interest owners in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 14 are not adversely affected by the unorthodox location.

If you need anything further, please call.

Very truly yours,

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

James Bruce
James Bruce

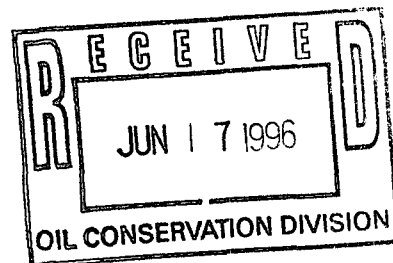
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ROSWELL, NEW MEXICO 88202
(505) 622-6510
FAX (505) 623-9332

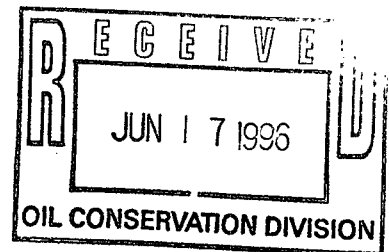
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(505) 768-1500
FAX (505) 768-1529

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





A.A.P.L. FORM 610 - 1977
MODEL FORM OPERATING AGREEMENT

Use of this identifying mark is prohibited
except when authorized in writing by the
American Association of Petroleum Landmen

OPERATING AGREEMENT

DATED

March 1, 1983,

OPERATOR Pogo Producing Company

CONTRACT AREA S/2 of Section 14, T-24-S, R-28-E, N.M.P.M.

COUNTY ~~OR PARISH~~ OF Eddy STATE OF New Mexico

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AMERICAN ASSOCIATION OF PETROLEUM LANDMEN
APPROVED FORM. A.A.P.L. NO. 610 - 1977 REVISED
MAY BE ORDERED DIRECTLY FROM THE PUBLISHER
KRAFTBLT PRODUCTS, BOX 800, TULSA, OK 74101

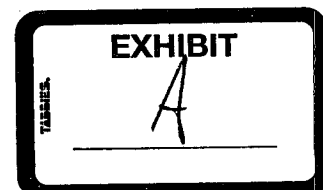


EXHIBIT "A"

Attached to and made a part of that certain Operating Agreement dated March 1, 1983, between Pogo Producing Company, as Operator, and Santa Fe Energy Company et al, as Non-Operators.

I. Contract Area:

332.13 acres, more or less, being the S/2 of Section 14, T-24-S, R-28-E, N.M.P.M., Eddy County, New Mexico.

II. Depth Restrictions:

This Contract Area covers rights from the surface of the earth down to either 100' below the total depth drilled in the Initial Well provided for in Article VI or to the base of the Morrow formation, whichever is the lesser depth.

III. Working Interests of Parties to this Agreement:A. Working Interests of Parties in the Lightfoot Com No. 1 Well:

<u>Working Interest Owners</u>	<u>**WI Before Casing Point</u>	<u>WI After Casing Point</u>	<u>***WI After Payout</u>
*Pogo Producing Company	56.3903191%	48.0542258%	38.6127672%
*Santa Fe Energy Company	39.7181325%	48.0542258%	38.6127671%
Aminoil USA, Inc.	-0-	-0-	13.2839550%
*Roy G. Barton, Jr.	-0-	-0-	1.4344283%
*Norma J. Chanley (formerly Norma J. Barton)	-0-	-0-	1.4344283%
*Tenneco Oil Company	-0-	-0-	.6495950%
M. Brad Bennett	-0-	-0-	1.3006955%
George A. Donnelly, Jr.	.7768042%	.7768042%	.7768042%
Richard Donnelly	.7768043%	.7768043%	.7768043%
*Spear Brothers Sheep and Cattle Company	1.5581248%	1.5581248%	1.8180632%
William H. Bennett	-0-	-0-	.2599384%
HNG Oil Company	.7798151%	.7798151%	.7798151%
Adams Exploration Company	-0-	-0-	.1299692%
HCW Exploration, Inc.	-0-	-0-	.1299692%
	<u>100.0000000%</u>	<u>100.0000000%</u>	<u>100.0000000%</u>

*Parties to this Agreement whose interest is subject to change due to Article XV.F.

**See Article XV.B. for definition of "Casing Point" and for exception to the foregoing if \$1,885,195.00 is expended on the Initial Well prior to Casing Point.

***The calculations in this column are based on the assumption that each Farmoutor will elect to convert its respective overriding royalty interest to a working interest upon payout of the Initial Well.

Section III Revised 1-10-85

The 1st and last pages to the attached Exhibit "A" were removed and replaced by a new 1st page, an additional new 2nd page and a new last page. The new 1st & 2nd pages reflect a revised Section III. The new last page reflects current addresses of the parties. See letter to the parties dated 1-10-85.

B. Working Interests of Parties in the Lightfoot Com No. 2 Well:

<u>Working Interest Owners</u>	<u>WI Before Recoupment of Non-Consent Penalty</u>	<u>WI After Recoupment of Non-Consent Penalty</u>
*Pogo Producing Company	49.4152642%	45.2547447%
*Santa Fe Energy Company	45.2547446%	45.2547446%
Aminoil USA, Inc.	-0-	-0-
*Roy G. Barton, Jr.	1.4344283%	1.4344283%
*Norma J. Chanley	-0-	1.4344283%
*Tenneco Oil Company	-0-	.6495950%
M. Brad Bennett	1.3006955%	1.3006955%
George A. Donnelly, Jr.	.7768042%	.7768042%
Richard Donnelly	-0-	.7768043%
*Spear Brothers Sheep and Cattle Company	1.5581248%	1.8180632%
William H. Bennett	.2599384%	.2599384%
HNG Oil Company	-0-	.7798151%
Adams Exploration Company	-0-	.1299692%
HCW Exploration, Inc.	-0-	.1299692%
	<u>100.0000000%</u>	<u>100.0000000%</u>

*Parties to this Agreement whose interest is subject to change due to Article XV.F.

C. Working Interests of Parties In All Subsequent Wells:

<u>Working Interest Owners</u>	<u>**WI In All Subsequent Wells</u>
*Pogo Producing Company	45.2547447%
*Santa Fe Energy Company	45.2547446%
Aminoil USA, Inc.	-0-
*Roy G. Barton, Jr.	1.4344283%
*Norma J. Chanley	1.4344283%
*Tenneco Oil Company	.6495950%
M. Brad Bennett	1.3006955%
George A. Donnelly, Jr.	.7768042%
Richard Donnelly	.7768043%
*Spear Brothers Sheep and Cattle Company	1.8180632%
William H. Bennett	.2599384%
HNG Oil Company	.7798151%
Adams Exploration Company	.1299692%
HCW Exploration, Inc.	.1299692%
	<u>100.0000000%</u>

*Parties to this Agreement whose interest is subject to change due to Article XV.F.

**With respect to all subsequent wells drilled on the Contract Area, all parties to this Agreement shall either participate with the working interests shown in this column or go non-consent in accordance with the provisions of this Operating Agreement.

IV.A. Description of Contract Area by Tracts (A plat of the Contract Area showing the different Tracts is attached as Exhibit "A-1"):

Tract 1: N/2NE/4NE/4SE/4 (1369),
N/2SE/4NE/4SE/4 (1371),
W/2SE/4SE/4 (196),
N/2NE/4NW/4SE/4 (1385),
S/2NW/4NW/4SE/4 (1396),
S/2SW/4NW/4SE/4 (1398),
SW/4SW/4 (190-195),
containing 88.24 acres, more or less;

- Tract 2: N/2SW/4,
containing 82.92 acres, more or less;
- Tract 3: SW/4SE/4, SE/4SW/4,
containing 83.20 acres, more or less;
- Tract 4: S/2NE/4NE/4SE/4 (1370),
containing 5.18 acres, more or less;
- Tract 5: N/2SW/4NW/4SE/4 (1397),
containing 5.18 acres, more or less;
- Tract 6: S/2SE/4NE/4SE/4 (1372),
N/2NW/4NE/4SE/4 (1379),
S/2NW/4NE/4SE/4 (1380),
SE/4NW/4SE/4 (1383),
S/2NE/4NW/4SE/4 (1384),
containing 31.06 acres, more or less;
- Tract 7: E/2SE/4SE/4 (197),
containing 20.82 acres, more or less;
- Tract 8: N/2SW/4NE/4SE/4 (1381),
containing 5.18 acres, more or less;
- Tract 9: S/2SW/4NE/4SE/4 (1382),
containing 5.19 acres, more or less;
- Tract 10: N/2NW/4NW/4SE/4 (1395),
containing 5.16 acres, more or less.

The foregoing lands collectively comprise the S/2 of Section 14, T-24-S,
R-28-E, Eddy County, New Mexico, being 332.13 acres, more or less.

B. Oil and Gas Leases Subject to this Agreement Insofar and Only Insofar as Each
Covers Lands Within the Contract Area:

Lease covering Tract 1:

Lessor:	Trustees of the Conquistador Council, Boy Scouts Trust Fund
Current Lessee:	Aminoil USA, Inc.
Date of Lease:	August 23, 1972
Recorded:	Book 90, page 354

Lease covering Tract 2:

Lessor:	Roy Lightfoot and Sybil Lightfoot
Current Lessee:	Pogo Producing Company (50%) and Santa Fe Energy Company (50%)
Date of Lease:	November 2, 1981
Recorded:	Book 207, page 843 (memorandum only)

Lease covering Tract 3:

Lessor:	Mrs. E. C. (Camille) Butler and Clifford Butler
Current Lessee:	Pogo Producing Company (50%) and Santa Fe Energy Company (50%)
Date of Lease:	November 2, 1981
Recorded:	Book 207, page 845 (memorandum only)

Leases covering Tract 4:

Lessor:	Josie Q. Finlay, a widow
Current Lessee:	Adams Exploration Company
Date of Lease:	October 3, 1979
Recorded:	Book 177, page 729

Lessor:	James R. Craft and wife, Dottie Craft
Current Lessee:	HNG Oil Company
Date of Lease:	February 2, 1982
Recorded:	Book 209, page 199

Lease covering Tract 5:

Lessor: Jess L. Bennett and wife, Celia R. Bennett
Current Lessee: William H. Bennett (50%) and
M. Brad Bennett (50%)
Date of Lease: September 29, 1981
Recorded: Book 205, page 319

Leases covering Tract 6 (and possible unleased mineral interest):

Lessor: Harriett James Harrison
Current Lessee: S/2NE/4NW/4SE/4 (1384) only:
Pogo Producing Company (50%)
Santa Fe Energy Company (50%)
Remainder of Tract 6:
Tenneco Oil Company (50%)
Depco, Inc. (50%)
Date of Lease: November 1, 1951
Recorded: Book 44, page 12

Lessor: R. L. James and wife, Lillian B. James
Current Lessee: S/2NE/4NW/4SE/4 (1384) only:
Pogo Producing Company (50%)
Santa Fe Energy Company (50%)
Remainder of Tract 6:
Tenneco Oil Company (50%)
Depco, Inc. (50%)
Date of Lease: November 1, 1951
Recorded: Book 44, page 10

Lessor: Barton Brothers Land and Royalty Company
Current Lessee: Roy G. Barton, Jr. - 50%
Norma J. Chanley - 50%
Date of Lease: August 30, 1973
Recorded: Book 106, page 985

Spear Brothers Sheep and Cattle Company
has committed all of its unleased mineral
interest to this agreement. (See Article XV.E.)

Lease covering Tract 7:

Lessor: Florence Mink, a widow
Current Lessee: Roy G. Barton, Jr. - 50%
Norma J. Chanley - 50%
Date of Lease: January 4, 1973
Recorded: Book 94, page 82

Lease covering Tract 8:

Lessor: Merrill J. Davis
Current Lessee: M. Brad Bennett and wife, Linda M. Bennett
Date of Lease: July 3, 1980
Recorded: Book 187, page 283

Lease covering Tract 9:

Lessor: Jane S. Cawmer, a widow
Current Lessee: M. Brad Bennett and wife, Linda M. Bennett
Date of Lease: August 5, 1975
Recorded: Book 130, page 371

Lease covering Tract 10:

Lessor: Charlene S. Byers, dealing in her sole and
separate property
Current Lessee: George A. Donnelly, Jr. - 50%
Richard Donnelly - 50%
Date of Lease: February 8, 1983
Recorded: Book 221, page 1041

V. Addresses of Parties:

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

Santa Fe Energy Company
500 West Illinois
Midland, Texas 79701

Roy G. Barton, Jr.
P. O. Box 978
Hobbs, New Mexico 88240

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

George A. Donnelly, Jr.
P. O. Box 3488
Midland, Texas 79702

Tenneco Oil Company
7990 I.H. 10 West
San Antonio, Texas 78230

HCW Exploration, Inc.
P. O. Box 10585
Midland, Texas 79702

William H. Bennett
P. O. Box 2062
Midland, Texas 79702

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

Adams Exploration Company
~~320 S. Boston, Suite 1025~~
Tulsa, Oklahoma ~~74103~~

Norma J. Chanley
P. O. Box 729
Hobbs, New Mexico 88240

Spear Brothers Sheep and Cattle
Company
P. O. Drawer 309
Hobbs, New Mexico 88240

Aminoil USA, Inc.
8000 East Maplewood, Suite 333
Englewood, Colorado 80111

Richard Donnelly
P. O. Box 3488
Midland, Texas 79702

3-20-85

* CHANGE OF OWNERSHIP

Phillips Oil Company
P. O. Box 1967
Houston, Texas 77001
Attn: ~~Laura Moore~~ **J.K. Brewer**

* ADAMS EXPLORATION COMPANY
has assigned all of its
interest in & to S_{1/2}NE_{1/4}SE_{1/4}
of Section 14, T-24-S,
R-28-E, Eddy Co., NM to
HUTTON/INDIAN WELLS 1984
ENERGY INCOME FUND, LTD.
effective 10-1-85
(See Instrument "SSS")

~~MDH was advised this date of the change of ownership~~
~~Aminoil USA, Inc. to Phillips Oil Company. Although we~~
~~have not received a formal notice of same, there is a~~
~~callup to be sure we receive one. SEE inst. "MMM"~~

Adams Exploration Company
P. O. Box 470700
Tulsa, Oklahoma 74147
street: 4500 S. Garnett,
Suite 800

By letter dated 3-5-86
Tenneco advised that all
joint interest information
be sent to the attention
of Mr. Robert A. Mattice.

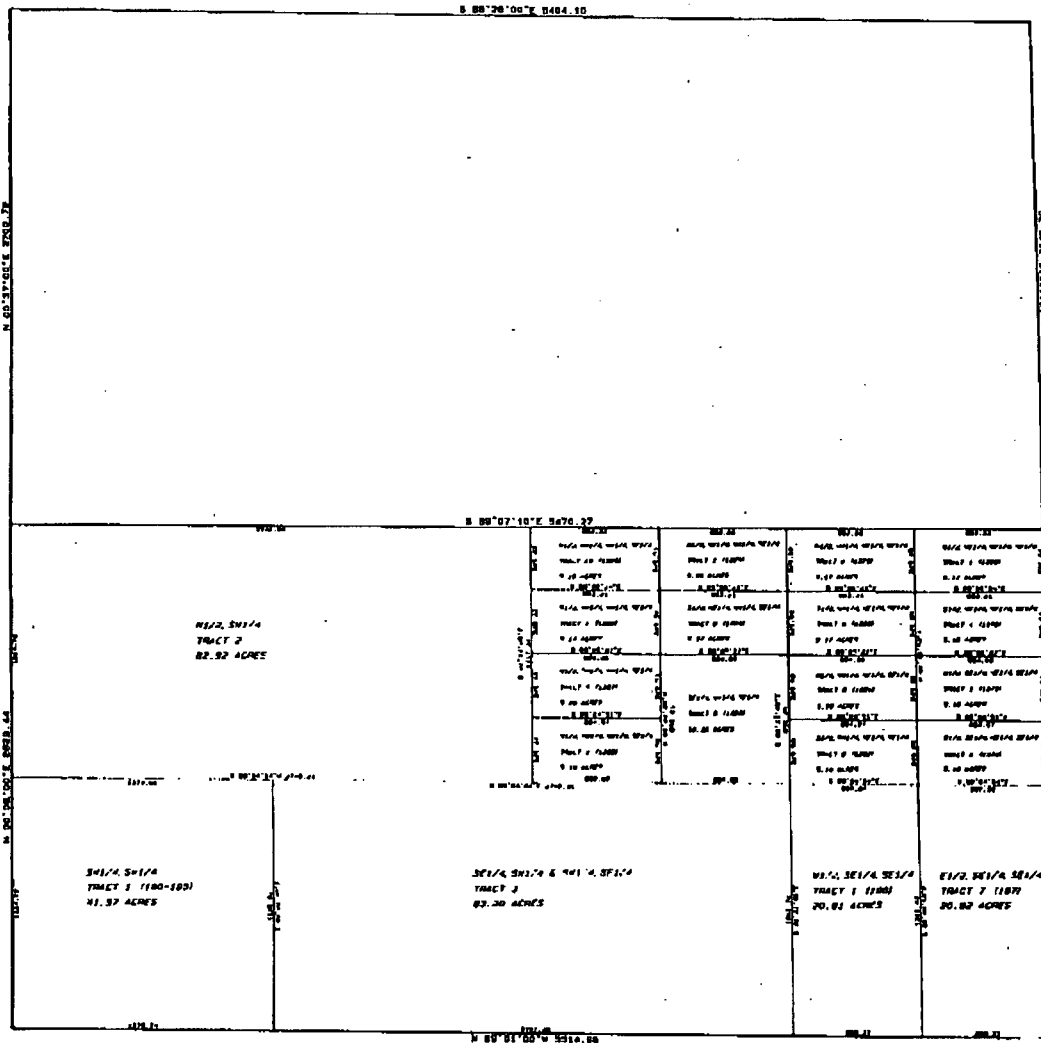
Quinoco Petroleum, Inc.
P. O. Box 37150
Denver, CO 80237

acquired Enron's interest in
Lightfoot Com No. 1 Well only.
See memo dated 6-6-89 (attached
to Inst. "VVV") for details.

EXHIBIT "A-1"

Attached to and made a part of that certain Operating Agreement dated March 1, 1983 between Pogo Producing Company, as Operator, and Santa Fe Energy Company et al, as Non-Operators.

SECTION 14, TOWNSHIP 24 SOUTH, RANGE 28 EAST EDDY COUNTY, NEW MEXICO



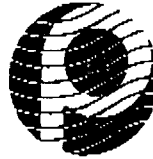
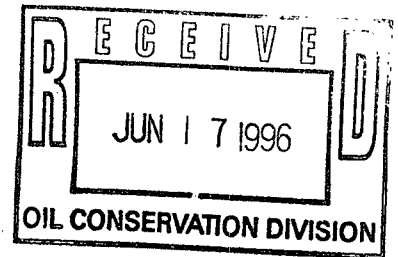
I HEREBY CERTIFY THAT THIS MAP WAS PREPARED FROM U.S.G.S. RECORD INFORMATION AND THAT THE SUBDIVISION OF THE SECTION SHOWN HEREIN WAS COMPUTED ACCORDING TO BUREAU OF LAND MEASUREMENT STANDARDS.

JOHN W. WEST, N.E., P.E., L.S., NO. 696

POGO PRODUCING CO.

TRACTS OF LAND LOCATED IN THE SOUTH HALF OF SECTION 14, TOWNSHIP 24 SOUTH, RANGE 28 EAST, EDDY COUNTY, NEW MEXICO.

JOHN WEST ENGINEERING COMPANY
SCALE: 1"=400'
DATE: 02-02-93
SHEET: 1 OF 1

**POGO PRODUCING COMPANY****CERTIFIED MAIL, RETURN RECEIPT REQUESTED**

November 6, 1995

To: Working Interest Owners
(See Attached List)

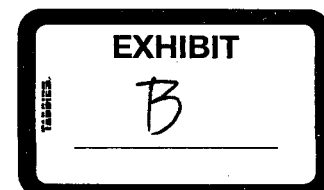
Re: Lightfoot Prospect NM-569
Eddy County, New Mexico
Lightfoot Com No. 1 Well
1780' FSL & 2460' FEL Section 14,
T-24-S, R-28-E, N.M.P.M.

Ladies and Gentlemen:

Pursuant to Article VI.B. of that certain Operating Agreement dated March 1, 1983, Pogo Producing Company, Operator, Santa Fe Energy Company, et al, Non-Operators, covering the S/2 of Section 14, T-24-S, R-28-E, N.M.P.M., Eddy County, New Mexico, from the surface of the earth down to 13,100' subsurface, Pogo hereby proposes to recompleate the captioned temporarily abandoned well in the Delaware formation (6,104'-6,140').

Please note that in March 1986, Pogo proposed to plug and abandon the subject well; however, not all parties agreed to the plugging and abandoning of such well and after further review of such well for up-hole potential, Pogo retracted its proposal and such well was not plugged, but temporarily abandoned. In connection therewith, Pogo is treating such well as if it had been plugged, with all parties, including the parties that "farmed out" their interest, having the right to participate in this operation.

Pogo's enclosed AFE No. 560081 and well procedure for such proposed operation provide pertinent details and estimated costs for the proposed operation.



Working Interest Owners
November 6, 1995
Page Two

To evidence your election to participate in the proposed operation, please date, execute and return one (1) copy of the enclosed AFE. If you have any questions, please contact the undersigned.

Very truly yours,

POGO PRODUCING COMPANY

Terry Gant
Terry Gant
Senior Landman

TG:lf/c:LightfootCom#1.WYO

Attachments

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and 2 for additional services.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
McCullis Resources Co., Inc.
621-17th Street, Suite 2155
Denver, Colorado 80293
ATTN: Mr. Paul L. McCullis

4a. Article Number
Z 296 757

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
11-10-95

8. Addressee's Address (Only if requested and fee is paid)
Lightfoot Com. #1 Well

PS Form 3811, December 1991 4-1/2" x 6-1/2" 1861 REQUIRED 1-861 REQUIRED 1-861 REQUIRED 1-861 REQUIRED

Thank you for using Return Receipt Service.

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and 2 for additional services.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
M. Brad Bennett
P.O. Box 2062
Midland, Texas 79702

4a. Article Number
Z 296 753

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)
Lightfoot Com. #1 Well

PS Form 3811, December 1991 4-1/2" x 6-1/2" 1861 REQUIRED 1-861 REQUIRED 1-861 REQUIRED 1-861 REQUIRED

Thank you for using Return Receipt Service.

ADDRESSEE LIST ATTACHED TO LETTER DATED NOVEMBER 6, 1995

Lightfoot Prospect NM-569
Lightfoot Com No. 1 Well
1780' FSL & 2460' FEL Section 14,
T-24-S, R-28-E, N.M.P.M.
Eddy County, New Mexico

<u>Working Interest Owner</u>	<u>Working Interest</u>
Pogo Producing Company	45.25474%
Santa Fe Energy Resources, Inc. 500 West Texas, Suite 1330 Midland, Texas 79701 Attention: Ms. Danita Walker	45.25474%
Roy G. Barton, Jr., Trustee of the Roy G. Barton, Sr. and Opal Barton Revocable Trust P. O. Box 978 Hobbs, New Mexico 88240	1.43443%
Norma J. Chanley P. O. Box 729 Hobbs, New Mexico 88240	1.43443%
George A. Donnelly, Jr. P. O. Box 3488 Midland, Texas 79702	.77680%
Richard Donnelly P. O. Box 3506 Midland, Texas 79702	.77680%
Spear Brothers Sheep and Cattle Company P. O. Drawer 309 Hobbs, New Mexico 88240 Attention: Ms. Peggy Lentz	1.81806%
M. Brad Bennett P. O. Box 2062 Midland, Texas 79702	1.30070%
William H. Bennett P. O. Box 51407 Midland, Texas 79710	.25994%
Fina Oil and Chemical Company P. O. Box 2990 Midland, Texas 79702 Attention: Ms. Kitty Chalfant	.64960%

George G. Vaught, Jr.
P. O. Box 13557
Denver, Colorado 80201

.38991%

McCullis Resources Co., Inc.
621-17th Street, Suite 2155
Denver, Colorado 80293
Attention: Mr. Paul L. McCullis

.38991%

~~Wadi Petroleum Inc.~~
14405 Walters Road, Suite 400
Houston, Texas 77014
~~Attention: Ms. Ann Horton~~

.25994%

TOTAL 100.00000%

Effective 3-5-96, effec. 3-1-96
Willischild Oil & Gas Corp.
904 "E" Street
Spyder, OK 73566
then Willischild assigned to
Paw Print &
1500 hunter Four Mile Lane
Casper City, OK 87212,
effective 3-1-96

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos 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 Deepen Well
API Number 30 - 0 15-24452	Pool Name Malaga Wildcat Delaware	Pool Code 56102 42940
Property Code 9330	Property Name Lightfoot	Well Number 1

II. Surface Location

UL or lot no. J	Section 14	Township 24S	Range 28E	Lot Idn	Feet from the 1780	North/South Line South	Feet from the 2460	East/West Line East	County 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
Lee Code	Producing Method Code	Gas Connection Date 1/19/96	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
7440	EOTT Operating L.P. P.O. Box 1188, Houston, TX 77252	2816790	O	J/14/24S/28E Lightfoot #1 Battery
32109	Hadson Gas G&P Co. 921 Sanger, Hobbs, NM 88240-4917	2171630	G	J/14/24S/28E Lightfoot #1 Battery

IV. Produced Water

POD 2171650	POD ULSTR Location and Description J/14/24S/28E Lightfoot #1 Battery
----------------	---

V. Well Completion Data

Spud Date	Ready Date 12/25/95	TD 12,382'	PBTD 9130'	Perforations 6104'-6140'
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil 12/25/95	Gas Delivery Date 1/19/96	Test Date 1/10/96	Test Length 24 hrs	Tbg. Pressure ---	Cog. Pressure ---
Choke Size ---	Oil 33	Water 116	Gas 234.47	AOF	Test Method 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:

1/16/96

Phone:

(915)682-6822

OIL CONSERVATION DIVISION

Approved by:

Jim W. Green

Title:

District Supervisor

Approval Date:

1/23/96

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

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

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

WELL API NO.

30-015-24451

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☒ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter J : 1780 Feet From The South Line and 2460 Feet From The East Line

Section 14 Township 24S Range 28E NMPM Eddy County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.)

12/25/95

13. Elevations (DF & RKB, RT, GR, etc.)

2977' GR

14. Elev. Casinghead

15. Total Depth

12,382'

16. Plug Back T.D.

9130'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

6104'-40' Delaware

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

CBL

22. Was Well Cored

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	6051'	

26. Perforation record (interval, size, and number)

6104'-40' (72 - .50" dia holes)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

6104'-40'

Acidz w/ 1000 gals 7-1/2% HCl

Frac w/ 40,000 20/40 sand

28.

PRODUCTION

Date First Production 12/25/95		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1-1/4 insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 1/10/96	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - Bbl. 33	Gas - MCF 234	Water - Bbl. 116	Gas - Oil Ratio 1/424 7000:1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 33	Gas - MCF 234 47	Water - Bbl. 116	Oil Gravity - API - (Corr.) 39.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Blaise Campanella

30. List Attachments

C-104, Sundry, Log

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Barrett L. Smith

Printed

Name Barrett L. Smith

Title Sr. Oper. Eng. Date 1/16/96

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

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

WELL API NO.

30-015-24451

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter J : 1780 Feet From The South Line and 2460 Feet From The East Line

Section 14

Township 24S

Range 28E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

2977' GR

7. Lease Name or Unit Agreement Name

Lightfoot

8. Well No.

1

9. Pool name or Wildcat

Wildcat Delaware

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/17/95 Spot 70 sxs (200') cmt on top of CIBP @ 9330'. New PBTD 9130'.

12/19/95 Run CBL F/6400'-3800'. Locate TOC @ 3126'. Perf 9-5/8" csg 6104'-40' (72 - .50" dia holes). Acidize w/ 1000 gals HCl.

12/21/95 Frac Delaware w/ 40,000# 20/40 sand.

12/25/95 Run production equipment. Put well on production. (Note: Working w/ Llano to install gas connect. Will have in place and selling by 1/19/96.)

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

SIGNATURE

Barrett L. Smith

TITLE

Sr. Operations Engineer

DATE

1/16/96

TYPE OR PRINT NAME

Barrett L. Smith

(915)682-6822

TELEPHONE NO.

(This space for State Use)

Jim W. Green

APPROVED BY

TITLE

DATE

JAN 23 1996

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I OIL CONSERVATION DIVISION
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

RECEIVED

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-015-24452

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter J : 1780 Feet From The South Line and 2460 Feet From The East Line

Section

14

Township

24S

Range

28E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Reenter and test Delaware ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pogo Producing Company respectfully request permission to reenter the above well which was TA'd April 20, 1985. We plan on spotting a 200' cement plug above the CIBP which is set @ 9330'. We will tag plug if you require. Set CIBP in 9-5/8" casing @ 6400'. Run CBL 6400' to 3800'. Squeeze if necessary. Perf and test Delaware 6104' to 6140'. Stimulate perfs with acid and sand frac.

RECEIVED

NOV 6 1995

OIL CON. DIV.

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

SIGNATURE Richard L. Wright TITLE Division Operations Manager DATE Nov. 6, 1995

TYPE OR PRINT NAME Richard L. Wright (915)682-6822 TELEPHONE NO.

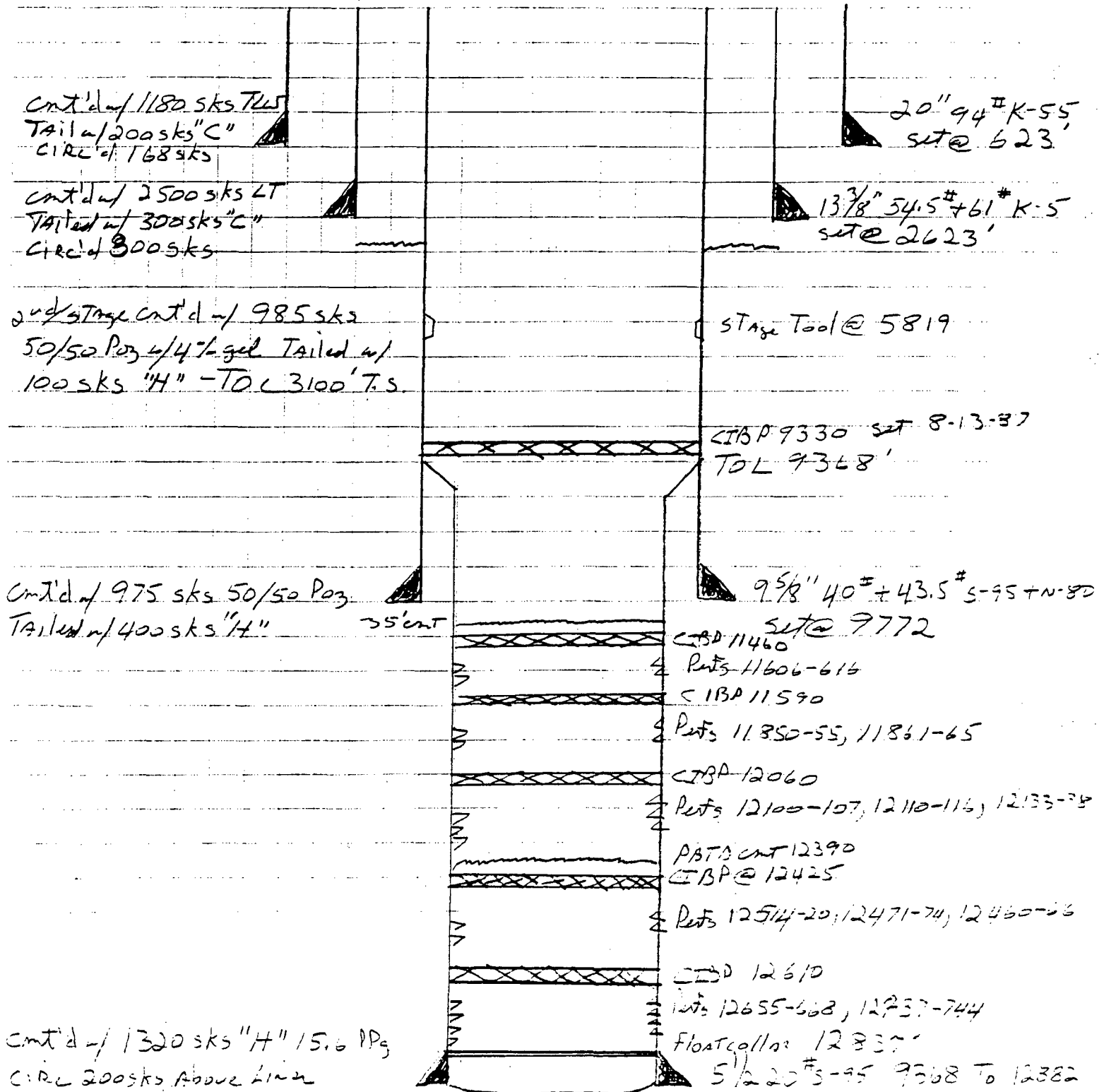
(This space for State Use)

APPROVED BY John W. Green TITLE District Supervisor DATE 11/21/95

CONDITIONS OF APPROVAL, IF ANY:

Lightfoot #1 REENTRY WELL BORE DIAGRAM

10-18-95



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: Pogo Producing Company P. O. Box 10340, Midland, TX 79702-7340		OGRID Number 017891
		API Number 30 - 0 15-24451
Property Code 9330	Property Name Lightfoot	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	14	24S	28E		1780	South	2460	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Wildcat Delaware					Proposed Pool 2				

Work Type Code E	Well Type Code O	Cable/Rotary N/A	Lease Type Code P	Ground Level Elevation 2977.2
Multiple No	Proposed Depth PBTD 6400'	Formation Delaware	Contractor N/A	Spud Date N/A

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94#	623'	1380	circ 168 sks
17-1/2"	13-3/8"	54.5# & 61#	2623'	2800	circ 300 sks
12-1/4"	9-5/8"	40# & 43.5#	9772'	2460	TOC 3100' TS
8-1/2"	5-1/2" liner	20#	9368' to 12382'	1320	cmt 200' above liner

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

RECEIVED

NOV 17 1995

OIL CON. DIV.
DIST. 2

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

Signature:

Richard L. Wright

Printed name:

Richard L. Wright

Title:

Division Operations Manager

Date:

11/15/95

Phone:

(915)682-6822

OIL CONSERVATION DIVISION

Approved by:

John M. [Signature]

Title:

Approval Date:

11/20/95

Expiration Date:

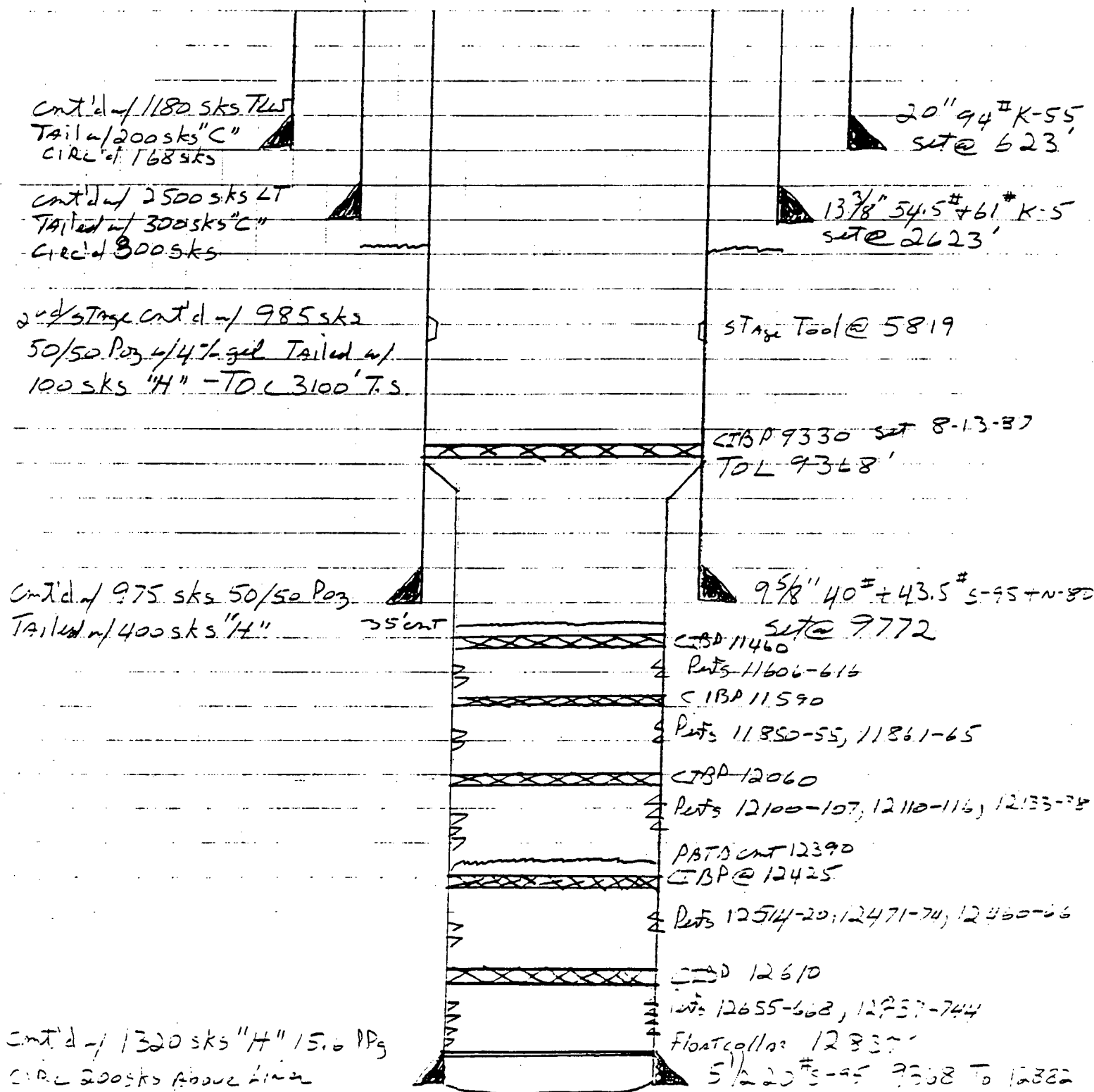
5/20/96

Conditions of Approval:

Attached ☐

Lightfoot #1 REENTRY WELL BORE DIAGRAM

10-18-95



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ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 10-1-78

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Pogo Producing Company	8. Farm or Lease Name Lightfoot "COM"
3. Address of Operator P.O. Box 10340 Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER J 1780 FEET FROM THE South LINE AND 2460 FEET FROM THE East LINE, SECTION 14 TOWNSHIP 24-S RANGE 28-E NMPM.	10. Field and Pool, or tract Malaga Atoka
15. Elevation (Show whether DE, RT, GR, etc.) 2977' GR 2998' KB	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

8/12/87 - PBTD 11,460'. SICP 1200#, RIH wireline tagged CIBP @ 11,460'. Attempt to cap w/cement, bailer failed. Witnessed by Mike Stubblefield.

8/13/87 - PBTD 11,460'. RIH bailer capped CIBP w/35' cement. RIH CIBP & set at 9330'. Gas flow stopped. Install wellhead and SI well.

18. 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 8/13/87

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE AUG 26 1987

CONDITIONS OF APPROVAL, IF ANY:

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AUG 12 1987

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease

State ☐

Fee ☒

5. State Oil & Gas Lease No.

SUNDY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR REDEVELOP OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - " (FORM C-104) FOR SUCH PROPOSALS.)

OIL
WELL ☐

GAS
WELL ☒

OTHER-

1. Name of Operator

Pogo Producing Company

2. Address of Operator

P.O. Box 10340 Midland, Texas 79702

4. Location of Well

UNIT LETTER J 1780 FEET FROM THE South LINE AND 2460 FEET FROM
THE East LINE, SECTION 14 TOWNSHIP 24-S RANGE 28-E N.M.P.M.

7. Unit Agreement Name

8. Farm or Lease Name

Lightfoot "COM"

9. Well No.

1

10. Field and Pool, or Wildcat

Malaga Atoka

15. Elevation (Show whether DF, RT, GR, etc.)

2977' GR 2998' KB

12. County

Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☒

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

OTHER ☐

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Tag CIBP @ 11,460'. Cap w/35' cement
If CIBP has unseated, RIH 5 1/2" CIBP and reset @ 11,450' and
cap w/35' cement.
RIH 9 5/8" CIBP and set @ 9330'±. Check for pressure. If ok,
install well head and secure well.

Approval discussed with and approved by Mr. Lester Clements 8/10/87

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

SIGNED Mrs. Williams

TITLE Division Operations Manager

DATE 8/10/87

APPROVED BY Lester Clements

TITLE SUPERVISOR, DISTRICT II

DATE AUG 26 1987

CONDITIONS OF APPROVAL, IF ANY:

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MAR 20 1986

O. C. D.

NOTES: DESIG.

Form C-103
Revised 10-3a. Indicate Type of Lease
State ☐ Fee ☐

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. Name of Operator Pogo Producing Company
3. Address of Operator P.O. Box 10340 Midland, Texas 79702
4. Location of Well
UNIT LETTER J 1780 FEET FROM THE South LINE AND 2460 FEET FROM
THE East LINE, SECTION 14 TOWNSHIP 24-S RANGE 28-E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

Lightfoot "COM"

9. Well No.

1

10. Field and Pool, or Wildcat

Malaga Atoka

15. Elevation (Show whether DF, RT, GR, etc.)

2977' GR

2998' KB

12. County

Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☒PULL OR ALTER CASING ☐OTHER ☐PLUG AND ABANDON ☐CHANGE PLANS ☐☐☐☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPS. ☐CASING TEST AND CEMENT JOBS ☐

OTHER

Temporarily Abandon

ALTERING CASING ☐PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4/20/85 - McCullough W.L. ran 5 1/2" Howco "EZ Drill" CIBP, set plug @ 11,460', new PBTD, remove pack-off, install tree, load csg w/120 B 10# BW, test CIBP to 1000#, held ok. Witnessed by NMOCD, Mr. Weaver.

Since this time a further study of the upper Bone Springs and Brushy Canyon have been conducted which indicate hydrocarbon potential.

Due to the present economic climate for such a completion we wish to at this time defer this work and request an extension to the current temporarily abandoned status of the wellbore.

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

SIGNED

TITLE Petroleum Engineer

DATE 3/19/86

APPROVED BY

TITLE

SUPERVISOR, DISTRICT II

DATE

MAR 25 1986

OIL CONSERVATION DIVISION

RECEIVED BY P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

MAR 12 1986

O. C. D.

ARTESIA, OFFICE

MAR 28 1986

Form C-103
Revised 10-1

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U.S.G.B.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS SANTA FE
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER-	7. Unit Agreement Name
2. Name of Operator Pogo Producing Company ✓	8. Farm or Lease Name Lightfoot "COM"
3. Address of Operator P.O. Box 10340 Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER J 1780 FEET FROM THE South LINE AND 2460 FEET FROM THE East LINE, SECTION 14 TOWNSHIP 24-S RANGE 28-E NMPW.	10. Field and Pool, or WHdcat Malaga Atoka
15. Elevation (Show whether DF, RT, GR, etc.) 2977' GR 2998' KB	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

1. Notify NMOCD in Artesia @ 505-748-1283 of intent to plug w/sufficient time to witness.
2. MIRU, kill well & install BOP.
3. RIH w/2 3/8" tbg open ended to top CIBP at 11,460' & circ hole w/mud using 25# of salt gel/bbl 10# BW.
4. Spot 25 sxs cmt on top CIBP @ 11,460'.
5. POH to 9530' and spot 25 sxs.
6. POH to 8130' and spot 40 sxs.
7. POH to 6350' and spot 40 sxs.
8. POH to 4775' and spot 40 sxs.
9. POH w/tbg.
10. ND wellhead & RU csg jack, & find free point. Cut 9 5/8" csg @ free point.
11. POH w/csg

Plugging

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

SIGNED [Signature] TITLE Petroleum Engineer DATE 3/11/86

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE MAR 25 1986

LIGHTFOOT "COM" NO. 1
1780' FSL, 2460' FEL
Sec. 14, T-24-S, R-28-E
Eddy County, New Mexico

Page 2

12. RIH w/tbg to 3150' & spot 75 sxs.
13. Tag plug. If tag good POH to 2700' & spot 75 sxs. POH & WOC 4 hrs.
14. Tag plug. If tag good POH to 675' and spot 75 sxs. POH & WOC 4 hrs.
15. Tag plug. If tag good POH & cutoff wellhead.
16. RIH w/2 jts tbg & spot 15 sxs @ surface.
17. Place a dry hole marker.
18. Location will be clean & all junk removed.
Plug procedure as per Mike Williams NMOCD Artesia.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-73

MAY 20 1983

O. C. D.

ARTESIA, OFFICE

5a. Indicate Type of Lease

State ☐

Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Pogo Producing Company	8. Farm or Lease Name Lightfoot "Com"
3. Address of Operator P.O. Box 10340 Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER J, 1780 FEET FROM THE South LINE AND 2460 FEET FROM THE East LINE, SECTION 14 TOWNSHIP 24-S RANGE 28-E NMPM.	10. Field and Pool, or Wildcat Malaga Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 2977.2 GR KDB-2998	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☒
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5/14/83 TD 9772' - TD 12 1/4" at 1:45 am CDT 5/14/83. POH.

5/15/83 TD 9772' - Run open-hole logs.

5/16/83 TD 9772' - Start running 9 5/8" csg.

5/17/83 TD 9772' - Ran 9 5/8" csg: 53 jts 43.5# S-95 LT&C Rg 3 (2289.31'), 50 jts 40# S-95 LT&C Rg 3 (2188.51'), 121 jts 40# N-80 LT&C Rg 3 (5268.41'), and 1 jt 40# S-95 LT&C Rg 3 (36.66'), FS 1.82', FC 1.75', DV tool 3.62' (total 9790.08'). FS is at 9772'. FC is at 9727'. DV tool is at 5819'. Centralizers are on 1,3,5,7,9,89, & 91 jt. A cement basket is 1 jt below DV tool. The FS, 1 jt, FC, and 1 jt were thread locked. Cmt 1st stage: 975 sxs 50-50 POZ "H" w/0.4%, 0.2% AFS, & 1/4# celloseal/sx followed by 400 sx C1 "H" w/0.2% WR2. Bumped plug at 6:10 pm CDT 5/16/83. Open DV tool & circ 3 hrs. Cmt 2nd stage: 985 sxs 50-50 POZ "H" w/4% gel & 0.2% TF4 followed by 100 sxs C1 H. Bumped plug at 11 pm CDT 5/16/83. WOC 7 hrs.

5/18/83 TD 9772' - WOC 17 hrs. (total WOC time 24 hrs). Ran Temp survey and top of cmt at 3100'. Test BOPE to 5000 psi, Ok. RIH test csg to 1500 psi w/9.5 ppg mud in hole 30 min, Ok. Drl cmt & DV tool.

SEE ATTACHED SHEET

over

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

SIGNED James R. Henry

TITLE Division Engineer

DATE 5/19/83

APPROVED BY Mike Williams

TITLE OIL AND GAS INSPECTOR

DATE MAY 25 1983

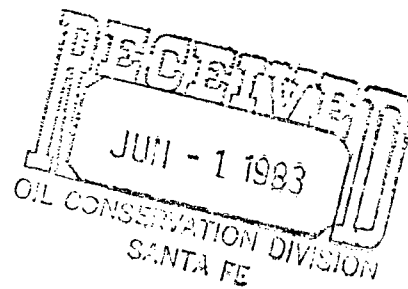
CONDITIONS OF APPROVAL, IF ANY:

5/19/83 TD 10,089' - Finish Dr1 DV tool. Test csg. to 1500 psi w/9.2 ppg mud in hole to 1500 psi, 30 min, Ok. Dr1 cmt & FS. Dr1 new formation.

RECEIVED

MAY 20 1983

O. C. D.
ARTESIA, OFFICE



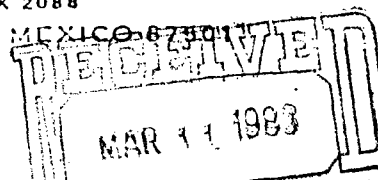
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P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK DIVISION

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 79701

4. Location of Well

UNIT LETTER J

LOCATED 1780

FEET FROM THE

South

LINE

AND 2460

FEET FROM THE

East

LINE OF SEC. 14

TWP. 24 S

RCE. 28 E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Lightfoot

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated

12. County

Eddy

11. Elevations (show whether DF, RT, etc.)

2977.2 GR

21A. Kind & Status Plug. Bond

Blanket on file

21B. Drilling Contractor

Warton Drilling Co.

22. Approx. Date Work will start

April 15, 1983

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	600	1600	Circulate
17 1/2	13 3/8	54.50 & 61	2600	2600	Circulate
12 1/4	9 5/8	40 & 43.5	9500	2600	2600' Est.
8 1/2	7	29	12200	600	9100' Circulate
6	4 1/2	11.6	13000	300	11800' Circulate

Proposal is to drill to the Barnett and test the Morrow. Cement will be circulated to surface on the 20" surface and 13 3/8" intermediate strings. The cement on the 9 5/8" will cover any productive formations encountered during the drilling. If the high pressure Atoka is not encountered, the 7" drilling liner will not be run and a string of 5" pipe will be run from 9100' to total depth.

Mud Program: Spud mud to 600', brine to 2600' and cut brine to the top of the Wolfcamp at 9440'. Drill out under 9 5/8" w/cut brine to Strawn, KCL-Polymer (10-13.7 ppg) to total depth.

BOP Program: 600' to 2600' - 12" Schaeffer 900 series double BOP, 2600' to 13,000' - 10" Cameron QRC 1500 series (Sketch attached)

Gas on the lease is not dedicated.

180 DAYS
104-83
4/5/83

NSL-1617 4/5/83

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 B. Williams Title Division Operations Manager Date 3/7/83
(This space for State Use)

APPROVED BY M. Walker TITLE OIL AND GAS INSPECTOR DATE APR 04 1983
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

Form C-102
Supersedes C-128
Effective 1-1-65

MAR - 7 1983

All distances must be from the outer boundaries of the Section.

Operator POGO PRODUCTION CO.			Lease Lightfoot		Midland	Well No. 1
Unit Letter J	Section 14	Township 24 South	Range 28 East	County EDDY		
Actual Footage Location of Well: 1780 feet from the South line and 2460 feet from the East line						
Ground Level Elev. 2977.2	Producing Formation Morrow	Pool Undesignated			Dedicated Acreage: 331.9 Acres	

- 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). See Attachments A & B.
- 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?

RECEIVED

MAR 21 1983

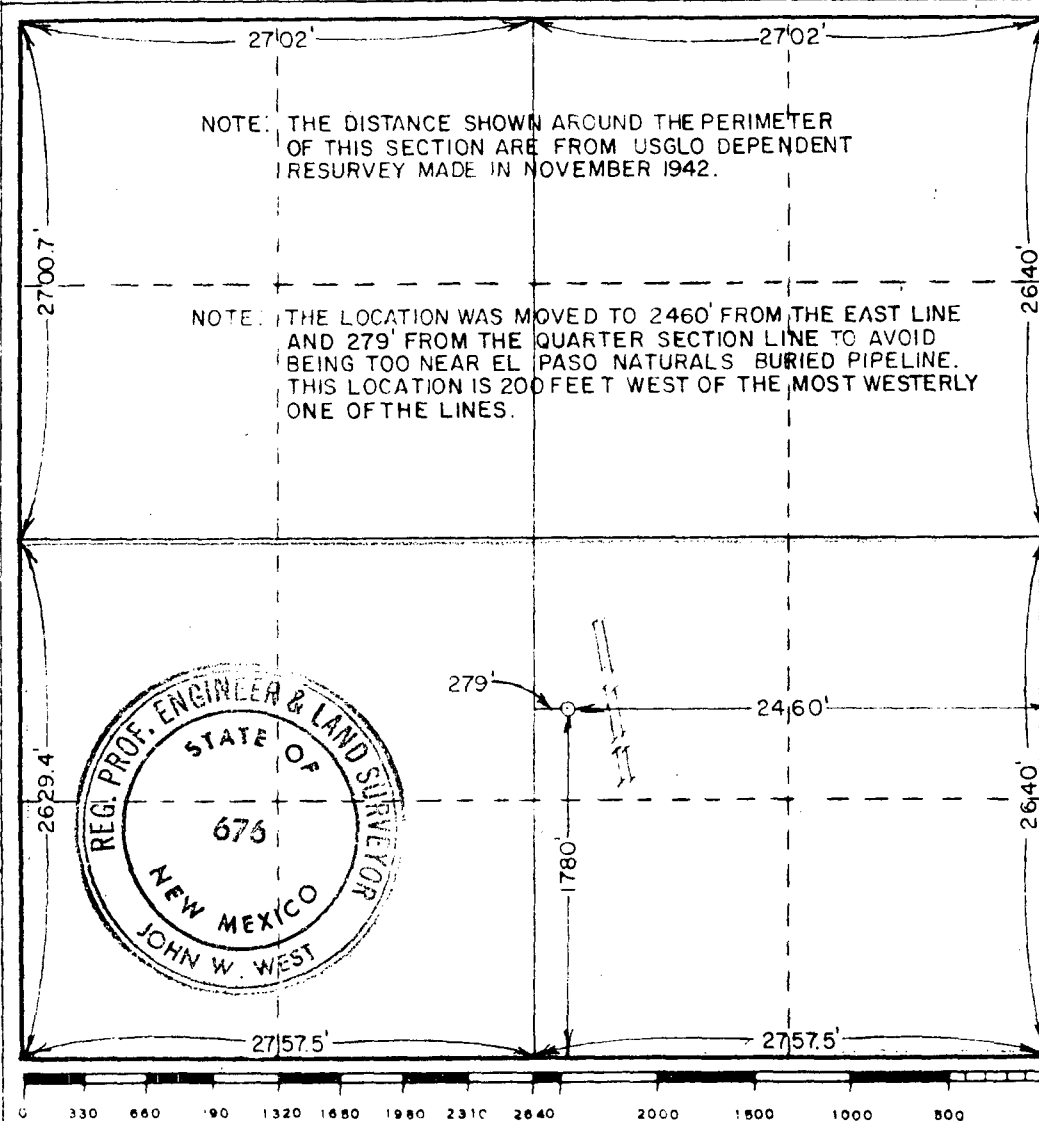
O. C. D.

ARTESIA, OFFICE

☐ 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.) Unitization Agreement is being circulated for approval.

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

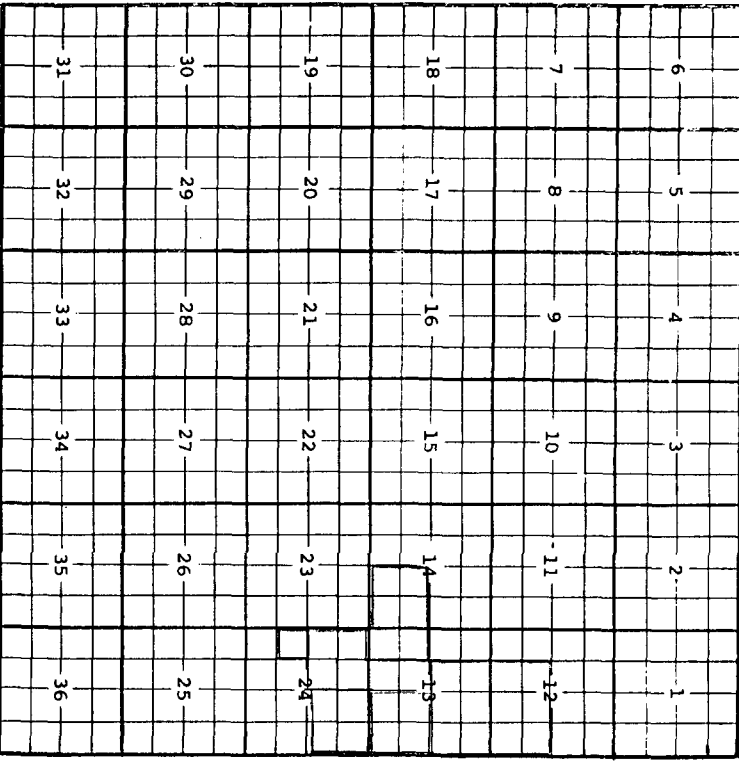
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B.J. Williams
Name
B.J. Williams
Position
Division Operations Manager
Company
Pogo Producing Company
Date
March 7, 1983

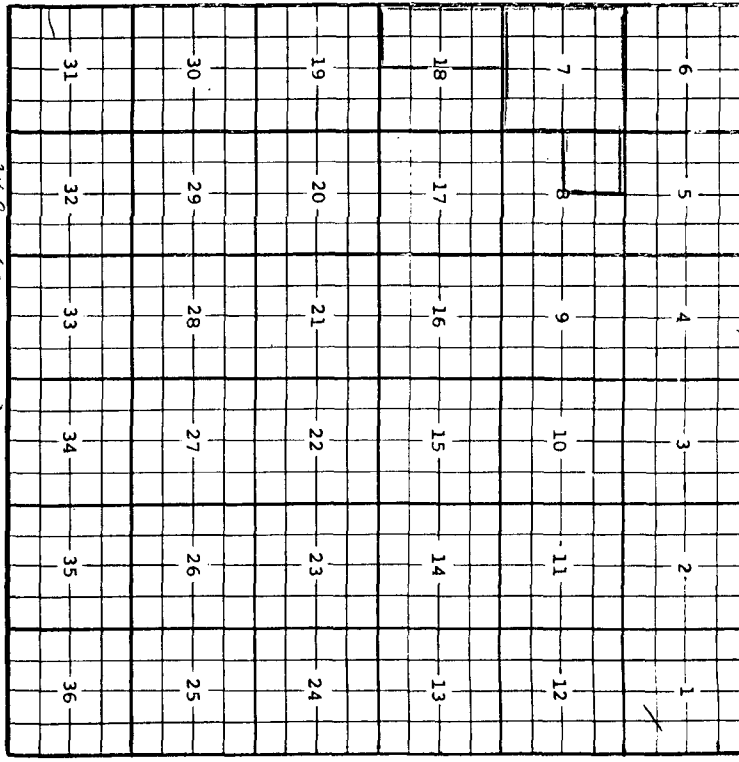
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
2/26/1983
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No.
JOHN W. WEST #676



Ext. Sec. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36
Ext. Sec. 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36
Ext. Sec. 24 (R-8228, S-19-86) Ext. Sec. 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36



Description: H/L Sec 7 (R-112, 11-20-51)
Ext. Sec. 18 (R-197) Ext. Sec. 8 (R-10564-96)

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

06/10/96 09:09:11
OGOMES -EME9
PAGE NO: 2

Sec : 14 Twp : 24S Rng : 28E Section Type : NORMAL

L 40.00 Fee owned	K 40.00 Fee owned	J 40.00 Fee owned A	I 40.00 Fee owned
M 40.00 Fee owned	N 40.00 Fee owned	O 40.00 Fee owned	P 40.00 Fee owned A

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12