-7/31/98 - 8/20/98 - MS - NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS Application Acronyms: [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Orilling] [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] TYPE OF APPLICATION - Check Those Which Apply for [A] [1] Logation - Spacing Unit - Directional Drilling ☐ NSP CIG C Check One Only for [B] or [C] CONSERVATION DIVISION Commingling - Storage - Measurement [B] DHC ☐ CTB Q PLC O PC OLS [C]Injection - Disposal - Pressure Increase - Enhanced Oil Recovery ☐ PMX □ WFX □ SWD ☐ IPI ☐ EOR PPR NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [2] 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 INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding [3] I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

JAMES BRUCE
P.O. BOX 1056
SANTA FE, NM 87504

Print or Type Name

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

Title

Date

## JAMES BRUCE ATTORNEY AT LAW

POST OFFICE BOX 1056 SANTA FE, NEW MEXICO 87504

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

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

July 31, 1998

### Hand Delivered

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

Dear Mr. Stogner:

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

No 415-2

Lost Tank "3" Fed. Well No. 4 1330 feet FNL & 330 feet FWL SW¼NW¼ (Unit E) §3

Lost Tank "4" Fed. Well No. 7 1330 feet FNL & 660 feet FEL SE¼NE¼ (Unit H) §4

All in Township 22 South, Range 31 East, NMPM, Eddy County, New Mexico.

The wells will be drilled to test the Delaware formation (West Lost Tank-Delaware Pool). The pool is governed by statewide rules, with 40 acre spacing and wells to be located no closer than 330 feet to a quarter-quarter section line.

The subject acreage is in the oil-potash area of southeast New Mexico, and the proposed locations are non-standard due to potash reasons.

The original location for the Lost Tank "3" Fed. Well No. 4 was orthodox, 1650 feet FNL and 660 feet FWL. **Exhibit A**. However, the Bureau of Land Management ("BLM") denied that location based on potash concerns. **Exhibit B**. Negotiations with the BLM resulted in an alternate location described above. Copies of the APD (Form 3160-3) and Form C-102 submitted to the BLM for the unorthodox

location are attached as Exhibit C.

The original location for the Lost Tank "4" Fed. Well No. 7 was also orthodox, 1650 feet FNL and 430 feet FEL. **Exhibit D**. The BLM denied that location due to potash concerns. **Exhibit E**. Discussions with the BLM resulted in the proposed unorthodox location described above. Copies of the APD and Form C-102 submitted to the BLM for this location are attached hereto as Exhibit F.

Submitted as Exhibit G is a land plat of the subject area. All of Section 3 and all of Section 4 except the NW½NW½ is comprised of federal lease NM 0417696, which is owned 50-50 by Pogo and Phillips Petroleum Company. Pogo operates the lease. In addition, royalty and overriding royalty ownership is common throughout the lease. Thus, no interest owner is adversely affected by the unorthodox locations, and notice is not required to be given to anyone.

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

Very truly yours,

#ames Bruce

Attorney for Pogo Producing Company

Form 3140-3

(July 1992)

1

#536 P.09/18 Ø8:10

OPERATOR'S COPY

SUBMIT IN TRIPLICATES

FORM APPROVED ONE NO. 1004-0136 Expires: Fobreary 28, 1905

RECENTED! OF UNITED STATES

		NM-0417696	AND SERIAL NO.						
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	10340		, TX 79702					16 FIELD AND FOOL, O	
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 9-7/8"	J-55	7-5/8"	26.4	4000'	1000 8	X	††	11
 6-3/4"	J-55	4-1/2"	11.6	81501	1500 s	x ''	12	!!

BROBBERD CASTAC AND CEMENTING PROGRAM

- 1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe. Cement to surface with Redi-Mix.
- 2. Drill 14-3/4" hole to 550'. Run & set 550' of 10-3/4" H-40 32.7# ST&C casing. Cement with 250 sx of 35/65 Class "C" POZ light + 2% CaCl, tail in with 150 sx Class "C" + 2% CaCl. Circulate cement to surface.
- 3. Drill 9-7/8" hole to 4000'. Run & set 4000' of 7-5/8" J-55 26.4 ST&C casing. Cement with 800 sx 35/65 Class "C" POZ + 5# Salt/sx. Tail in with 200 sx Class "C" + 2% CaCl. Circulate cement to surface.
- Drill 6-3/4" hole to 8150'. Run & set 8150' of 4%" J-55 11.6# ST&C dasing. Cement in three stages: 1st stage: 500 sx Class "H" + 5% Micro Bond. 2nd stage: 400 sx Class "C" 12# Gilsonite/sx. 3rd stage: 500 sx Class "C" Halco light, tail in with 100 sx Class "C" neat. Circulate cement to surface.

IN ABOVE SPACE DESCRIBE PROPOSED PROORAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give process due to subsurface longitums and measured and our vertical depths. Give blowout preventer program, if any. DATE 07/29/97 AGENT curac 200.020 (This spure for Pederal or Scale office ume! Application approval data not warrant or early that the applicant holds legal or equitable title to those rights in the tubilect lease which would entrie the applicant to conduct open CONDITIONS OF APPROVAL IP JUTY: EXHIBIT APPROVED BY .. "See Instructions On Reverse Side Title 18 U.S.C. Section 1901, makes it a crime for any person knowingly and willfully to make to

United States and faise, fictitious or insubulent statements of representations as to any metter with

State of New Mexico

Berry, Marris and danced Bassares Separate

Form C-102 Revised February 16, 1864 Subself to Appropriate Stateset Office

State Loans - 4 Copies Fon Loans - 3 Capies

DISTRICT II F.O. Brown Mb. artesis, No. ameri-0110

F.O. Dec 1886, Mabos, NM 68041-1989

DISTRICT III 1000 Rio Brasce Rd., Astec. NX 87410 OIL CONSERVATION DIVISION

F.Q. Box 2088 Santa Fe. New Mexico 87504-2088

C AMENDED REPORT

DISTRICT IV

DISTRICT I

P.O. Box 2006. Santa Fe, NE 07804-2008

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Paol Godo	Pool Name
ĺ	96582 TRIPLE "F" DELA	WARE
Property Code	Property Name	Well Number
20943	LOST TANK "3" FEDERAL	4
OGRED No.	Operator Name	Breties
17891	POGO PRODUCING COMPANY	3470

Surface Location

UL or let No.	Section	Township	Rease	Lot idea	Post from the	Nerth/South line	Foct from the	East/Vest line	County
ε	3	22 5	31 E		1650	NORTH	<b>66</b> 0	WEST	EDDY
L		L			i			<u> </u>	<u> </u>

Rottom Hole Location If Different From Surface

VL or lot No.	Section	Township	ip Bango Lut		Feet Brems the	North/South line	fact from the	Sast/West Une	County					
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40														

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

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	59.65 AC.	 	LOT Z 39.92 AC.	 	OPERATOR CERTIFICATION  [ hereby certify the the information contestend herein is true and contestent to the test of my immulation and balls.]
	3475.4° 3478.3° 3471.6° 3471.6°				Joe T. Janica  Prieted Name Agent  07/29/97  Dete  SURVEYOR CERTIFICATION
					I haveby cortify that the well isostion shown on this plat was platted from field notes of wire sources and appear of what the same is true and correct to the best of my bestef.  APRIL 9, 1997  Date Supposition of Stations
					Step 10 Step 10 2 4/6.97  Step 10 10 Step 10 2 4/6.97  Step 10 10 Step 10 10 10 10 10 10 10 10 10 10 10 10 10



## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

New Mexico State Office 1474 Rodeu Road P. O. Box 27115 Santa Fe, New Mexico 87502-0115 MAR 19 1998

MIDLAND

TO REPLY PROPER TO: 3160(06200)
NM-0417696

MAR 6 1998

CERTIFIED-RETURN RECEIPT REQUESTED P 382 821 519

Pogo Producing Company Attention: Richard Wright P. O. Box 10340 Midland, TX 79702

RE: Lost Tank "3" Federal #4

NM-0417696

1650' FNL & 660' FWL, Sec. 3, T225, R31E

Eddy County, New Mexico

#### Dear Mr. Wright:

Your proposed oil and gas well is located in the Secretary of the Interior's Potash Area as described by 1986 Secretarial Order. In accordance with the order, we have designated areas within the Potash Area as a Potash Enclave. The enclave contains measured pointsium mineral resources of sufficient quality and quantity to be technologically and economically minable using standard mining practices.

Regrettably, your proposed well must be denied. Drilling at the proposed location would likely interfere with future potash mining and result in undue waste of known enclave reserves. In the future, it could also prove hazardous to the health and safety of potash miners.

Your copies of the application are being returned. Any party adversely affected by this decision may appeal to the Interior Board of Land Appeals in accordance with 43 CFR 3165.4 and Form 1842-1 (enclosed).

Please contact our Carisbad Resource Area Office Solid Minerals Staff at (505) 887-6544 should you have questions regarding alternative locations or need other assistance on manters involving potash mining.

Sincerely,

Joseph Gilbert J. Lucero
Acting State Director

2 Enclosures



Ø8 : Ø8 #536 P.04/18

Form 3150-3 (July 1992)

SUBMIT IN TRIPLICATE. (Otaer lastructions on reverse star)

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

## UNITED STATES DEPARTMENT OF THE INTERIOR

S. LBASS PECIUNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT NM-0417696

APPLICATION FOR	APPLICATION FOR PERMIT TO DRILL OR DEEPEN										
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OTHER CONTRACTOR		SINCLE WILL	7768	S. FARM OR LEASE NAME OF THE							
S. HANS OF OPERATOR	LOST TANK "3" FEDERAL #										
POGO PRODUCING CO	S. AR WELL HO.										
J. Apostes And Touthwall Mg.											
P.O. Box 10340 MIDLAND,	TC 79702 1	Phone (915) 682-682:	2	10. PIELO AND POOL, 0	& VILDEAR						
a. Location or wall (Report location clearly , At surface	and in appointmant w	rich 687 Buste requirements.")		LOST TANK DELAWARE WEST							
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At proposed prod. sobe. Same				SEC 3 T225 R	31E						
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3474 GR.

AS SOON AS APPROVED

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9-7/8"	J-55 7-5/8"	26.4	4000'	1000 sx " " "
6-3/4"	J-55 4-1/2"	11.6	8150'	1500 sx " " " "

- Drill 25" hole to 40'. Set 40' of 20" conductor pipe. Cement to surface with Redi-Mix.
- Drill 14-3/4" hole to 550'. Rum 5 set 550' of 10-3/4" H-40 32.7# ST&C casing. Cement with 250 sx of 35/65 Class "C" PCZ light  $\pm$  2% CaCl, tail in with 150 sx Class "C"  $\pm$ 2% CaCl. Circulate cement to surface.
- Drill 9-7/8" hole to 4000'. Run & set 4000' of 7-3/8" J-33 26.4 ST&C casing. Cement with 800 sx 35/65 Class "C" POZ  $\pm$  5# Salt/sx. Tail in with 200 sx Class "C"  $\pm$  2% CaCl. Circulate cement to surface.
- Drill 6-3/4" hole to 8150'. Run & ser 8150' of 44" J-55 11.6# ST&C casing. Cement in three stages: 1st stage: 500 sx Class "H" + 5% Micro Bond. 2nd stage: 400 sx Class "C" 12# Gilsonita/sx. 3rd stage: 500 sx Class "C" Halco light, tail in with 100 sx Class "C" neat. Circulate cement to surface.

N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to despite, give tests on present productive zone and proposed new partners discussionally, gipo-proposed case on subsection locations and measured and the vertical destina. Give blooding preventer program, if any cure zone and proposed new productive zone. If proposal is to drill or 06/25/98 AGENT SIGNER er tor Federal or Smitwomer um PERSON NO.

Application approval does not warrant or partly that the applicant heigh as equipment of the boson rights in the subject laws winds would entitle the applicant to conduct operations to

COMOTTONS OF APPROVAL, IF ANY:

APPROVED BY

\*See Instructions On Reverse Side

. ...E.

tile 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to mited States any false of improved to fraudifient statements or representations as to any matter will

**EXHIBIT** 

DISTRICT ! P.A. Box 1000, Bubba, 10x 00005-1000

7.0. Spenier 35. Artesta, 101 M011-0719

1989 Ele Spines Ed., Aston. No. 87410

DESTRUCT IV

FROM : POGO-PRODUCING

State of New Mexico

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Porce C-LOE Submit to Appropriate Suspent College

State louse - 4 Copies Per lamon - 3 Copies

DISTRICT III

DISTRICT II

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe. New Mexico 87504-2088

C AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Namber	Pool Solo 9655 z	Pon Name	
	96582	LOST TANK DELAWARE WEST	
20943	•	Pty Name	Yell Repober
	LOST TANK	3 FEDERAL	4
CENTO No.	•	ler Name	Ecratics
17891	POGC PRODU	CING COMPANY	3474

#### Surface Location

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## NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-STANDARD	unit has been approved by	THE DIVISION
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331.73	(6 5 30 C		Jue T. Janica  Printed Name Agent  Title  06/25/98  Date  SURVEYOR CERTIFICATION
	320		I haveby worthly that the well intestion shows on this pick was picted from flock votes of writing occupant mean by me or under my outperstown and that the many is from and nervous to the best of my bottom.  JUNE 15, 1998
			Date Surement of the property

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6-3/4"

9-7/8"

H - 40

J-55

J-55

10-3/4"

7-5/8"

4-1/2"

## N. M. Oil Cons. Division

BANKLEN CHURCHE.

FORM APPROVED OMB NO. 1004-0136

Form 3160-3 (July 1992)

ARTESIA NEL ENTENTA VE D UNITED STATES

DEPARTMENT OF THE INTERIOR				• • • •									
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Expires: February 28, 1995

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la. TTPE OF WORK	ORILL 🖾	DEEPEN	١.	N	MIDUAN	T. UNIT AGREEMENT NAME					
OIL X	WELL OF	f21	SINGLE TO	MULTIPE		S. FARM OR LEASE HAVE WE	EL NO.				
2. NAME OF GPERATOR						LOST TANK "4					
POGO PRODU	CING CO	(RICHARD WE	RICHT			9. AP WELLING.	COLONI				
3. ADDRESS AND TELEPHONE	NO.					_	• .				
P.O. Box I	0340 MIDLAN	), T <sub>X</sub> 79702	Phone (915)	82-6822		10. FIRLD AND POOL C	B WILDEAT				
4. LOCATION OF WELL	LOST TANK DE	LAWARE WES									
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		N NEVERS LOAN OF SA		APR 22	31	12. COUNTY OR PARISH	13. STATE				
APPROXIMATEL	Y 30 MILES E	ST OF CARLSBA	D, N.M.	W.V.	ł	EDDY CO	N.M.				
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21. ELEVATIONE (Show w	bether DP. RT. CR.					22. APPROX. DATE WO	LE WILL START				
		3463' GR.				AS SOON AS A	PPROVED				
88.		PROPOSED CA	SING AND CEMENTIN	g program							
SIZE OF ROLE	GRAPE SEE OF CASE	WEIGHT PER	POOT SETTING	DEPTH		QUANTITY OF CEMEN	T				
25"	20" Conduct	OT NA		40'	trame.	to surface w/	Sedi -Mix				

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe. Cement to surface with Redi-Mix.

550

40001

81501

400 sx

1000 sx

1500 sx

32.7

26.4

11.6

- 2. Drill 14-3/4" hole to 550'. Run & set 550' of 10-3/4" H-40 32.7# ST&C casing. Cement with 250 sx of 35/65 Class "C" POZ light + 2% CaCl, tail in with 150 sx Class "C" + 2% CaCl. Circulate cement to surface.
- 3. Drill 9-7/8" hole to 4000'. Run & set 4000' of 7-5/8" J-55 26,4 ST&C casing. Cement with 800 sx 35/65 Class "C" POZ + 5# Salt/sx. Tail in with 200 sx Class "C" + 2% CaCl. Circulate cement to surface.
- 4. Drill 6-3/4" hole to 8150'. Run & set 8150' of 45" J-55 11.6# ST&C casing. Cement in three stages: 1st stage: 500 sx Class "H" + 5% Micro Bond. 2nd stage: 400 sx Class "C" 12# Gilsonite/sx. 3rd stage: 500 sx Class "C" Halco light, tail in with 100 sx Class "C" neat. Circulate cement to surface.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to descrip give data on present productive zone and proposed new productive zone. If proposal is to drill of

deepen directionally, give pertinent data on subsurface locations and	measured and true vertical deprime. Give blowout preventer p	rogram, if any.
SIGNED TOMES	AGENT AGENT	DATE 04/21/97
(This space for Federal of Space office use)		
PERMIT NO.	APPROVAL DATE	
Application approval does not warrant or settify that the applicant	holds legal or equitable title to those rights in the subject least a	rhich would entitle the applicant to conduct operations thereof
CONDITIONS OF APPROVAL IF ANY:		
		EXHIBIT
APPROVED BY		

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to

DISTRICT I P.O. Box 1980, Bobbs, Mc 88941-1980 State of New Mexico

heavy, Miserals and Netural Resources Reportment

Form C-102
Revised Pebruary 10, 1994
Submit to Appropriate District Differ
State Laws - 4 Conten

DISTRICT II F.G. Drawer MR. Astunia, NGS 88821-6710

OIL CONSERVATION DIVISION

State Louise - 4 Copies
Fee Louise - 3 Capies

DISTRICT III 1000 Bio Brasce B4. Astec, NM 87410

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

C AMENDED REPORT

DISTRICT IV P.O. Ber HOSS, Santa Fe, NM 87604-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	TRIPLE "P" DELA	WARE
Property Cede	Property Name	Well Number
17955	LOST TANK "4" FEDERAL	7
OGRID No	Operator Name	Seration.
17891	POGO PRODUCING COMPANY	3463

Surface Location

UL or lot No.	Section	Township	Renge	Lot Ida	Feet from the	North/South line	Foot from the	East/West line	County
Н	4	22 S	31 E		1650	NORTH	430	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section. Tow	mehip !	Range Lot I	dn Fost	from the	North/South line	Feet from the	Bost/West Mac	County
Dedicated Agres	Joint or infi	11 Congen	Aidation Code	Order No.					
40									ļ

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

	(	or a non-stal	ndard unit has be	EN APPROVED BY TH	E DIVISION
LOT 4 39.9	<del></del>		LOT 2 39.75 AC.		OPERATOR CERTIFICATION  I haveby cartify the the information contained herein is rous and complete to the test of my immediate and tests.  Singulature  Joe T. Janica  Printed Name  Agent  Title  04/21/97  Date  SURVEYOR CERTIFICATION  I haveby cartify that the well location shown on this plad was plotted from fleid notes of securil reverse and that the same is that my supervisors and that the same is that one careet to the best of my boilet.
					APRIL 9, 1997  Data Surviva E/O JUP  Standard MARTING 4-16-97  TW.D. Name 97-12-0645  Certification of Company west, 678  Company west, 678  C. EIDSON, 3239  C. EIDSON, 12941



IN REPLY REFER TO: 3160(06200)

NM-0417696

## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

New Mexico State Office 1474 Rodeo Road P. O. Box 27115 Sapta Fe, New Mexico 87502-0115

RECEIVED

MAY - 6 1998

APR 3 0 1998

CERTIFIED—RETURN RECEIPT REQUESTED P 144 849 400

MIDLAND

Pogo Producing Company Amention: Richard Wright P. O. Box 10340 Midland, TX 79702

RE: Lost Tank "4" Federal #7

NM-0417696

1650' FNL & 430' FEL, Sec. 4, T22S, R31E

Eddy County, New Mexico

## Dear Mr. Wright;

Your proposed oil and gas well is located in the Secretary of the Interior's Potash Area as described by 1986 Secretarial Order. In accordance with the order, we have designated areas within the Potash Area as a Potash Enclave. The enclave contains measured potassium mineral resources of sufficient quality and quantity to be technologically and economically minable using standard mining practices.

Regrettably, your proposed well must be denied. Drilling at the proposed location would likely interfere with future potash mining and result in undue waste of known enclave reserves. In the future, it could also prove hazardous to the health and safety of potash miners.

Your copies of the application are being returned. Any party adversely affected by this decision may appeal to the Interior Board of Land Appeals in accordance with 43 CFR 3165.4 and Form 1842-1 (enclosed).

Please contact our Carlsbad Resource Area Office Solid Minerals Staff at (505) 887-6544 should you have questions regarding afternative locations or need other assistance on matters involving potash mining.

Sincerely,

M. J. Chávez State Director

2 Enclosures

EXHIBIT

Samuel

Exhibit

1998,07-24 (Other Instructions on

08:09 #536 P.0E/18 PUKM APPROVED OMB NO. 1004-0136

(July 1992)	UNI	TED STATES	rev	instructions on erre side;	OMB NO. 1004-0136 Expires: February 28, 1995			
	DEPARTMEN	T OF THE IN	ITERIOR		5. LEASE DESIG	ATTOM AND SERIAL NO.		
	BUREAU OF	E LAND MANAGE	EMENT		NM-041/6	95		
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ort T	SAN OTHER		SINGES TO BE	CLTIPLE	8. FAM 24 LEASE N	ME WELL		
THE OP OPERATOR			20.93		LOST TANK	"4" FEDERAL #		
POGO PRODO	CING CO (	RICHARD WRIGH	II)	9. AF WELL HE.				
J. ADDRESS AND TELEPHONE	AG,							
P.O. Box 1			ne (915) 682-68			DOL OR WILDCAT		
4. GOCATION OF WELL	(Report location cientity and	In accordance with	107 State requirements."	)	LOST TANK	C DELAWARE WES		
	& 660' FEL SEC. 4	T775-D31F	EDDY CO. NM	11. SSC., T., S., M., OB BUE. AND SUBVEY OB ALEA				
At proposed prod.		1250-1011	DDD1 GO. LLL					
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4, DINTLUCE IN MILE	S THE DIFFICION NEW HAT	SEST TOWN OR POST S	FFICE.		12. COUNTY OF P	ARISE 13. STATE		
APPROXIMATEL	Y 30 MILES EAST (	OF CARLSBAD,	N.M.		EDDA CO	N.M.		
LOCATION TO NEAR LOCATION TO NEAR PROPERTY OR LEAS (Also to mearest of	Est	6601	8. NO. OF AURES IN 1848 320		F ACRES ASSIGNED			
S. DISTABLE FROM CO	OFOSED LOCATION*	875'	9. PRINTOSES DEFIN 8150 T	1		OTARY		
	voother SP, RV. (IR, etc.)	3461' GR.				S APPROVED		
<b>::.</b>		PROPOSED CASING	AND CEMENTING PROC	ZRAM				
SIZE OF ROLE	GRADE, SEE OF CASHE	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF C	7 N.3 N.37		
25"	20" Conductor	NA	40'	Cement	to surface	w/Redi-Mix		
14-3/4"	변-40 10-3/4"	32.7	550'	400 ST	Circulate to surface			
9-7/8"	J-55 7-5/8"	26.4	4000'	1000 s	T 17	77 17		
6-3/4"	J-55 4-1/2"	11.6	8150'	1500 s:	x "	11 17		
	ole to 40'. Set 4	· · · · · · · · · · · · · · · · · · ·				h Redi-Mix.		

- 2. Drill 14-3/4" hole to 550'. Run & set 550' of 10-3/4" H-40 32.7# ST&C casing. Cament with 250 sx of 35/65 Class "C" POZ light  $\div$  2% CaCl, tail in with 150 sx Class "C" +2% CaCl. Circulate cement to surface.
- 3. Drill 9-7/8" hole to 4000'. Rum & set 4000' of 7-5/8" J-55 26,4 STSC casing. Cement with 800 sm 35/65 Class "C" POZ  $\pm$  5# Salt/sm. Tail in with 200 sm Class "C"  $\pm$  2% CaCl. Circulate cement to surface.
- 4. Drill 6-3/4" hole to 8150'. Run & set 8150' of 4%" J-55 11.6# ST&C casing. Cement in three stages: 1st stage: 500 sx Class "H" + 5% Micro Bond. 2nd stage: 400 sx Class "C" 12# Gilsonite/sx. 3rd stage: 500 sx Class "C" Halco Light, tail in with 100 sx Class "O" nest. Circulate coment to surface

Paules HELL AGENT	06/25/98
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APPRIVAL DATE	The state of the s
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	EXHIBIT
	<b>177.1</b>

DISTRICT I

State of New Mexico

915 6858150

Form C-102 Seviced February 10, 1994 Submit to Appropriate District Office

DISTRICT II

OIL CONSERVATION DIVISION P.O. Box 2088

DISTRICT III 1000 Bio Branco Rd., Aston, NW 67410

Santa Fe, New Mexico 87504-2088

C AMENDED REPORT

DISTRICT IV F.O. Bog Steel, Santa Pa, 108 87604-2060

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Peal Code	Pool Name	
	96582	LOST TANK DELAWARE WEST	· ·
Property Code	•	ofty Sage	Vell Number
20943	LOST TANK	"4" FEDERAL	7
OCEID No.	- Open	ter Neme	Somton
17891 :	POGO PRODU	JCING COMPANY	3461

#### Surface Location

TL or let No.	Sertion	Township	Rongo	Lot Idea	Foot frame the	North/South Hae	Foot from the	East/Vest line	County	l
Н	4	22 S	31 E		1330	NORTH	560	EAST	EDDY	

### Bottom Hole Location if Different From Surface

UL or lot No.	Section Town	rankip Rango	Lot idn	Foot from the	Westh/South line	Foot frame the	Bast/Vest line	County
Dedicated Acres	Joint or infi	III Consolidation	Codo Or	der No.				
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## NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-STAN	DARD UNIT HAS BE	EN APPROVED BY TE	ie division
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	_	1650 1330 1310 130 130 130		SURVEYOR CERTIFICATION  I haveby certify that the real intention shown on the plat was plotted from field radius of actual servery made by as or water my repervision and that the same to true and correct to the best of my belief.  JUNE 15, 1998  Date Surveyabilities  Shall of the best of my belief.  JUP  Slapedia Surveyabilities  JUP  Slapedia Surveyabilities  JUP  Slapedia Surveyabilities  AGO. Norm 98-11-0908  Certificate No. Romaio Jeoson. 1236  Certificate No. Romaio Jeoson. 1206  State of EDSON. 12061

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Description: NW4 Sec. 4 (R-10787, 4-9-97)  Ext: NW4 Sec.3, NG4 Sec. 4 (R-10951,2-4-98)							
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CMD : OG5SECT

## ONGARÓ INQUIRE LAND BY SECTION

08/30/98 12:28:25 OGOIV -EMDW

PAGE NO: 1

Sec : 03 Twp : 22S Rng : 31E Section Type : NORMAL

4 39.65	; 3 ; 39.78 ;	; 2 ; 39.92 ;	1 40.05
Federal owned R A	Federal owned   R   A	Federal owned	: Federal owned : R
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned R	   Federal owned   R   A	Federal owned R	Federal owned R
PF01 HELP PF02 PF07 BKWD PF08 FW	PF03 EXIT D PF09 PRINT	PF04 GoTo PF05 PF10 SDIV PF11	PF06 PF12