

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

## Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101

Revised March 17, 1999

RECEIVED Submit to appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

SEP 22 2004

OCD-ARTESIA ☐ AMENDED REPORT**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Pogo Producing Company P. O. Box 10340 Midland, TX 79702-7340		<sup>2</sup> OGRID Number 017891
		<sup>3</sup> API Number 30 - 015-32511
<sup>3</sup> Property Code 26401	<sup>5</sup> Property Name Lost Tank 35 State	<sup>6</sup> Well No. 9

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	35	21S	31E		1980'	North	600'	East	Eddy

<sup>8</sup> Proposed Bottom Hole Location If Different From

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line
<sup>9</sup> Proposed Pool 1 Lost Tank Delaware (40299)						NOTIFY OCD TO WITNESS ALL CASING STRINGS

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3541'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 8500'	<sup>18</sup> Formation Delaware	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date When approved

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	NA	40'	Redi-mix	Surface
17-1/2"	13-3/8"	48	850'	800 sks	Surface
11"	8-5/8"	32	4200'	1500 sks	Surface
7-7/8"	5-1/2"	17 & 15.5	8500'	1650 sks	Surface

<sup>22</sup> 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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe & cmt to surface w/ Redi-mix.
2. Drill 17-1/2" hole to 850'. Run & set 850' 13-3/8" 48# H-40 csg. Cmt w/ 800 sks CI "C" cmt + additives, circulate cmt to surface.
3. Drill 11" hole to 4200'. Run & set 4200' 8-5/8" 32# J-55 csg. Cmt w/ 1500 sks CI "C" cmt + additives, circulate cmt to surface.
4. Drill 7-7/8" hole to 8500'. Run & set 8500' 5-1/2" csg as follows: 2500' 17# J-55 LT&C, 5000' 15.5# J-55 LT&C, 1000' 17# J-55 LT&C. Cmt in 3 stages, DV tools @ 6100' & 3700'. Cmt 1<sup>st</sup> stage w/ 650 sks CI "H" + add, 2<sup>nd</sup> stage w/ 600 sks CI "C" + add, 3<sup>rd</sup> stage w/ 400 sks CI "C" + add. Circ cmt to surface.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Cathy Wright*

Printed name: Cathy Wright

Title: Sr. Engineering Tech

Date: 09/16/04

Phone: 432-685-8100

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

NOV 01 2004

Expiration Date:

NOV 01 2005

Conditions of Approval:

Attached ☐

R-III-P

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

SEP 20 2004

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

MIDLAND

☐ AMENDED REPORT

API Number 30-015-32511	Pool Code 40299	Pool Name Lost Tank Delaware
Property Code 26401	Property Name LOST TANK 35 STATE	Well Number 9
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 3541'

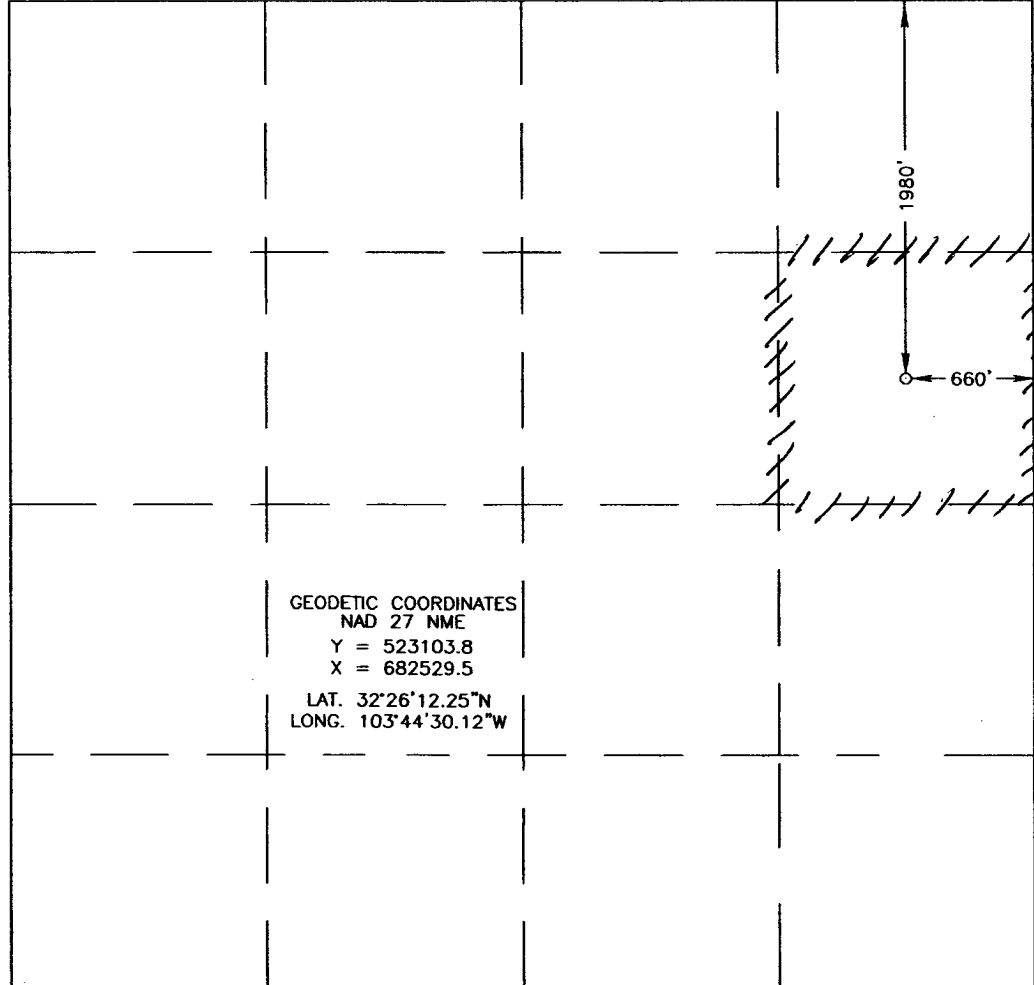
Surface Location

UL or lot No. H	Section 35	Township 21-S	Range 31-E	Lot Idn	Feet from the 1980'	North/South line NORTH	Feet from the 660'	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

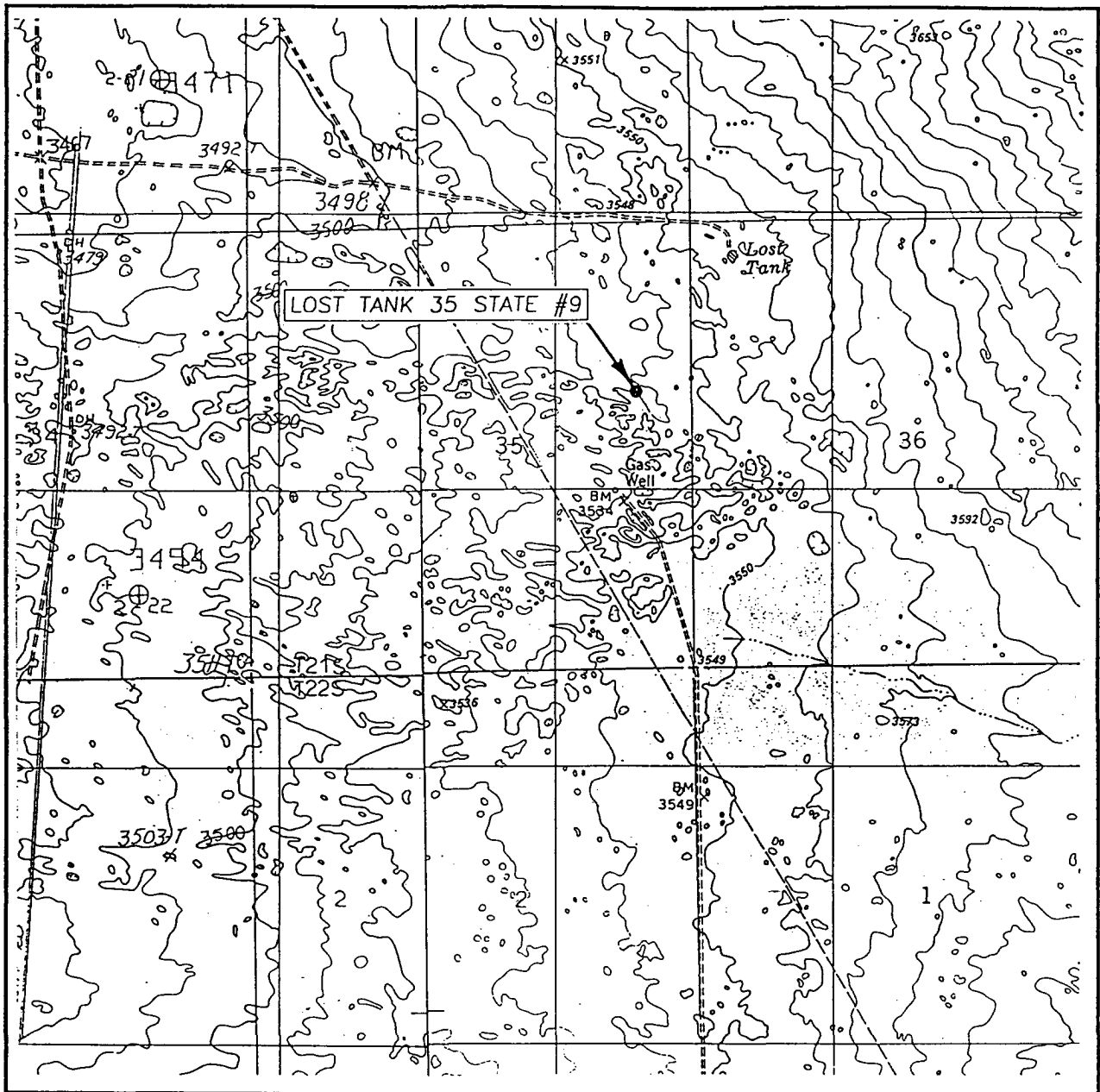
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

 <p>GEODETIC COORDINATES NAD 27 NME Y = 523103.8 X = 682529.5 LAT. 32°26'12.25"N LONG. 103°44'30.12"W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cathy Wright</i> Signature Cathy Wright Printed Name Sr. Eng. Tech Title 09/21/04 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>OCTOBER 30, 2002 Date Surveyed JR REV: 9/16/04 Signature &amp; Seal of Professional Surveyor <i>Gary E. Eidson</i> 02.11.0814 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>
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JOHN WEST SURVEYING  
HOBBS, NEW MEXICO  
(505) 393-3117

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

SEC. 35 TWP. 21-S RGE. 31-E

THE DIVIDE, N.M.  
LIVINGSTON RIDGE, N.M.

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 660' FEL

ELEVATION 3541'

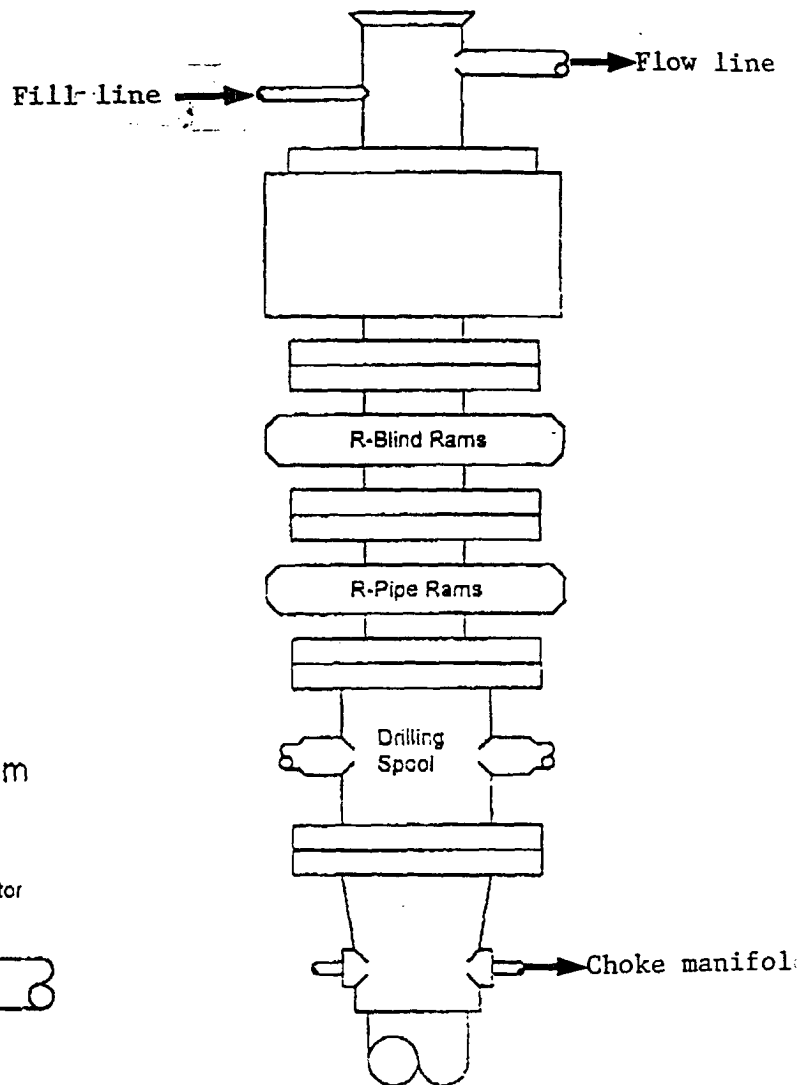
OPERATOR POGO PRODUCING COMPANY

LEASE LOST TANK 35 STATE

U.S.G.S. TOPOGRAPHIC MAP  
THE DIVIDE & LIVINGSTON RIDGE, N.M.

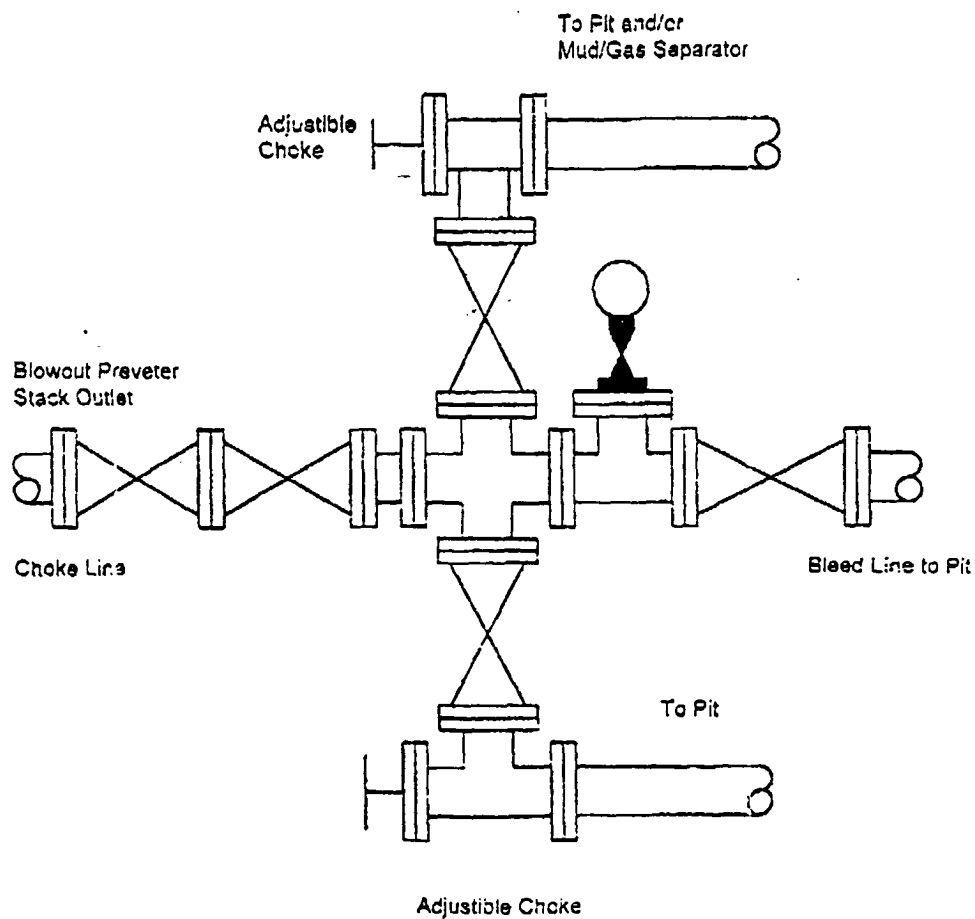
JOHN WEST SURVEYING  
HOBBS, NEW MEXICO  
(505) 393-3117

# BLOWOUT PREVENTER SYSTEM



Type 900 Series  
3000 psi WP

## Choke Manifold Assembly for 3M WP System





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

October 13, 2004

New Mexico State Land Office

Oil, Gas and Minerals Division

310 Old Santa Fe Trail

P.O. Box 1148

Santa Fe, NM 87504-1148

Attn: Mr. Joe Mraz or To Whom It May Concern

**RECEIVED**

OCT 18 2004

**ARTESIA**

**RE: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA**

**OPERATOR:** Pogo Producing Company

**LEASE NAME:** Lost Tank '35' State #9

**LOCATION:** SEC. 35, TOWNSHIP 21 SOUTH, RANGE 31 EAST,  
1980' FNL & 600' FEL  
EDDY COUNTY, NM, NMPM

**PROPOSED DEPTH: 8500'**

Dear Joe Mraz or To Whom It May Concern,

The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuit to the provisions of Oil Conservation Division Order R-111-P, please advise this office whether or not this application is within an established Life-of Mine Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by this order.

Thank you for your assistance.

Sincerely,

**Bryan G. Arrant**

**PES, District II Artesia NMOCD**

In LMR

Yes ☒

No ☐

In Buffer Zone

Yes ☐

No ☐

*JRM*  
10-14-04

**Comments:**

**Signature:**

**Date:**

10/14/04



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

October 13, 2004  
Bureau of Land Management  
620 East Greene St.  
Carlsbad, NM 88220-6292  
Attn: Mr. Craig Cranston or To Whom It May Concern

**RE: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA**

**OPERATOR:** Pogo Producing Company  
**LEASE NAME:** Lost Tank '35' State #9  
**LOCATION:** SEC. 35, TOWNSHIP 21 SOUTH, RANGE 31 EAST,  
1980' FNL & 600' FEL  
EDDY COUNTY, NM, NMPPM

**RECEIVED**

NOV 02 2004

**ARTESIA**

**PROPOSED DEPTH: 8500'**

Dear Mr. Cranston or To Whom It May Concern,

The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuit to the provisions of Oil Conservation Division Order R-111-P, please advise this office whether or not this application is within an established Life-of-Mine Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by this order.

Thank you for your assistance.

Sincerely,

**Bryan G. Arrant**

**PES, District II Artesia NMOCD**

<b>In LMR</b>	Yes <u>X</u>	No <u>    </u>
<b>In Buffer Zone</b>	Yes <u>    </u>	No <u>    </u>

**Comments:**

Within 1 mile of Open Mine workings (5,075 ft)  
Craig C. Cranston (BLM) **Date:** 11-01-04

**INTREPID MINING - NM, LLC  
CARLSBAD, NEW MEXICO**

October 31, 2004

POGO PRODUING COMPANY  
P.O. Box 10340  
Midland, TX 79702-7340  
Attention: Mr. R. Scott McDaniel

Re: Lost Tank "35" State No. 9 Well  
1,980' FNL and 660' TTL  
Section 35, T-21-S, R-31-E  
Eddy County, New Mexico

Dear Mr. McDaniel:

Intrepid Mining NM, LLC. offers no objection to the drilling of the Lost Tank "35"  
State No. 9 Well by POGO Producing Company.

Sincerely,



Thomas A. McGuire  
Senior Mine Engineer

cc: Attention: Mr. Jeff Albers  
New Mexico State Land Office  
Oil, Gas and Minerals Division  
P.O. Box 1148  
Santa Fe, NM 87504-1148

Attention: Tim Gum  
Oil Conservation Division  
1301 W. Grand Avenue  
Artesia, NM 88210

P.O. BOX 101 • 35 MILES EAST HIGHWAY 62-180 • CARLSBAD, NEW MEXICO • 88220

PHONE: (505) 234-3814 • FAX: (505) 887-0929





**POGO PRODUCING COMPANY**

November 1, 2004

Oil Conservation Division  
Attn: Mr. Brian Arrant  
1301 W. Grand Ave.  
Artesia, NM 88210

RE: Lost Tank 35 Federal #9  
1980' FNL & 660' FEL  
Section 35, T21S, R31E  
Eddy County, NM  
H2S Contingency Plan

Mr. Arrant:

Pogo Producing Company has done extensive drilling in the Lost Tank Delaware field. Pogo has yet to find H2S bearing formations. As a matter of precaution H2S monitoring equipment is on location while drilling the evaporite section.

Sincerely,

POGO PRODUCING COMPANY

Richard L. Wright  
Division Operations Manager