

1025 N. Francis 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

Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised March 17, 1999

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

<sup>1</sup> Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		<sup>2</sup> OGRID Number 17891
<sup>3</sup> Property Code 26401	<sup>5</sup> Property Name LOST TANK "35" STATE	<sup>4</sup> API Number 30-15-33433
		<sup>6</sup> Well No. 13

<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
A	35	21S	31E		660'	NORTH	330'	EAST	LEA

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 LOST TANK DELAWARE (40299)					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3546'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 8350'	<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"	CONDUCTOR	40'	Redi-mix	SURFACE
17½"	13 3/8"	48	800'	800 Sx.	SURFACE
11"	8 5/8"	32	4150'	1500 Sx.	SURFACE
7 7/8"	5½"	17 & 15.5	8350'	1650 Sx.	SURFACE
R-III-P WITNESS CEMENTING OF ALL CASING STRINGS					

<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 and cement to surface with Redi-mix.
2. Drill 17½" hole to 800'. Run and set 800' of 13 3/8" 48# H-40 ST&C casing. Cement with 800 Sx. of Class "C" cement + 2% CaCl<sub>2</sub> + ¼% Floccle/Sx. Circulate cement to surface.
3. Drill 11" hole to 4150'. Run and set 4150' of 8 5/8" 32# J-55 ST&C casing. Cement with 1500 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 8350'. Run and set 8350' of 5½" casing as follows: 2350' of 5½" 17# J-55 LT&C, 5000' of 5½" 15.5# J-55 LT&C, 1000' of 5½" 17# J-55 LT&C casing. Cement in 3 stages, DV Tools at 6100' & 3700'. 1st stage 650 Sx. of Class "H" cement + additives, 2nd stage cement with 600 Sx. of Class "C" cement + additives, 3rd stage cement with 400 Sx. of Class "C" cement + additives, circulate cement 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: *Joe T. Janica*

Printed name: Joe T. Janica

Title: Agent

Date: 08/07/03

Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by: *John F. Brown*

Title: District Supervisor

Approval Date: JUN 12 2004

Expiration Date: JUN 12 2005

Conditions of Approval:

Attached ☐

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

RECEIVED State of New Mexico  
Energy Minerals and Natural Resources  
MAY 21 2004  
Oil Conservation Division  
OCD-ARTESIA 1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

### Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Pogo Producing Company Telephone: 432-685-8100 e-mail address: wrightc@pogoproducing.com  
Address: P. O. Box 10340, Midland, TX 79702-7340  
Facility or well name: Lost Tank 35 St. #13 API #: U/L or Qtr/Qtr NE/NE Sec 35 T 21 R 31  
County: Eddy Latitude 32 26 25.34N Longitude 103 44 26.24W AD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

Pit	Below-grade tank	
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Volume 8400 bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	( 0 points) 0
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	( 0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	( 0 points) 0
Ranking Score (Total Points)		0

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 05/19/04

Printed Name/Title Cathy Wright, Sr Oper Tech

Signature

*Cathy Wright*

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: 6-1-04

Date:

Printed Name/Title

Signature

*[Signature]*

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  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 40299	Pool Name LOST TANK - DELAWARE
Property Code 26401	Property Name LOST TANK "35" STATE	Well Number 13
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3546'

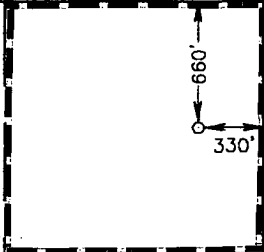
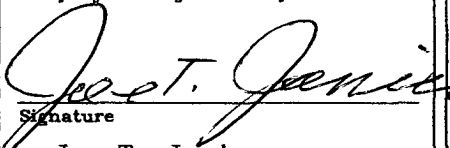
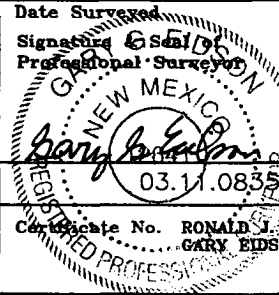
Surface Location

UL or lot No. A	Section 35	Township 21-S	Range 31-E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 330	East/West line EAST	County EDDY
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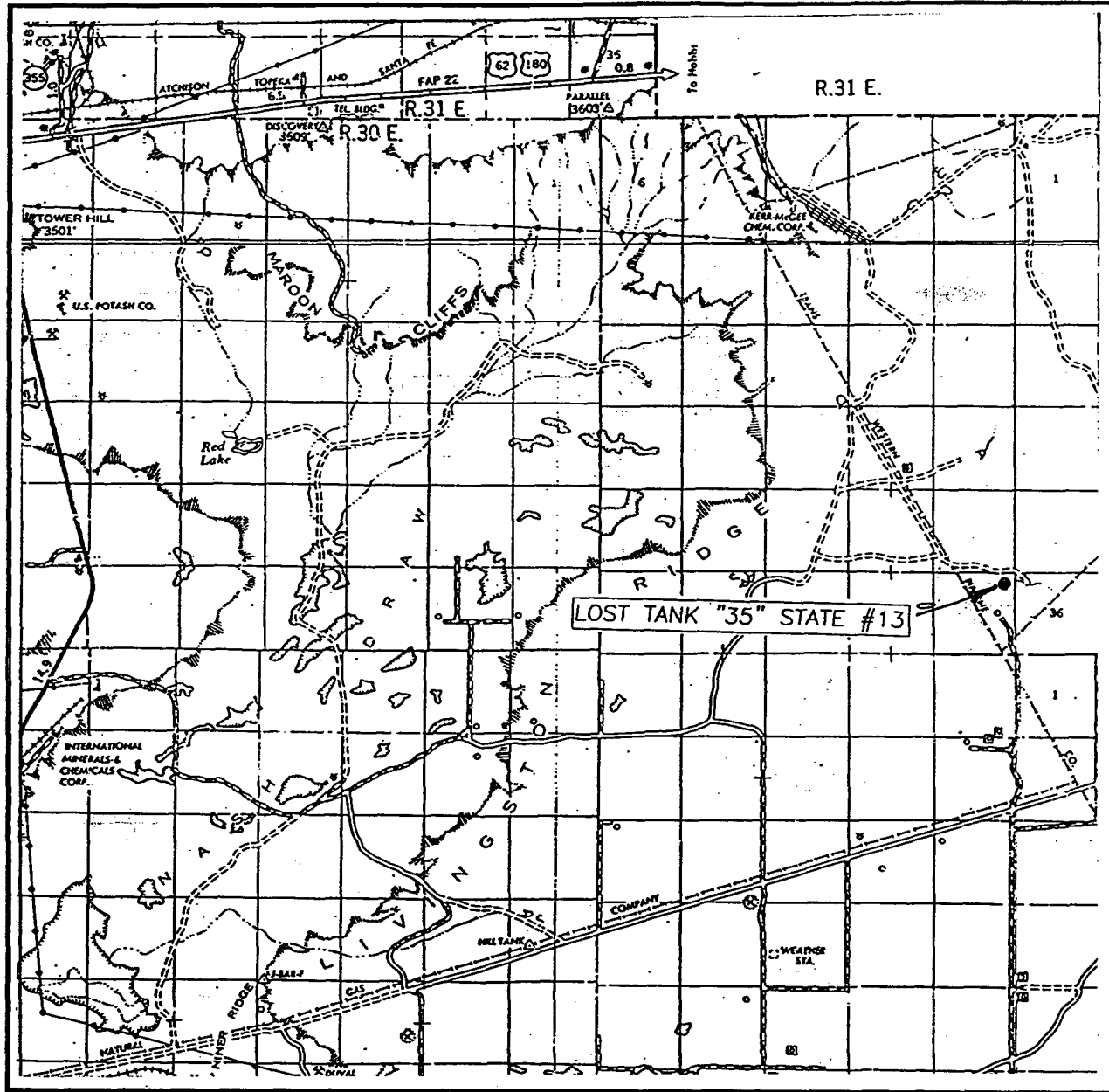
Bottom Hole Location If Different From Surface

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

					<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Joe T. Janica Printed Name Agent Title 08/07/03 Date	
					<b>SURVEYOR CERTIFICATION</b>  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.  AUGUST 5, 2003 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641	
<p>GEODETIC COORDINATES NAD 27 NME Y = 524428.8 X = 682855.4 LAT. 32°26'25.34"N LONG. 103°44'26.24"W</p>						

# VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FNL & 330' FEL

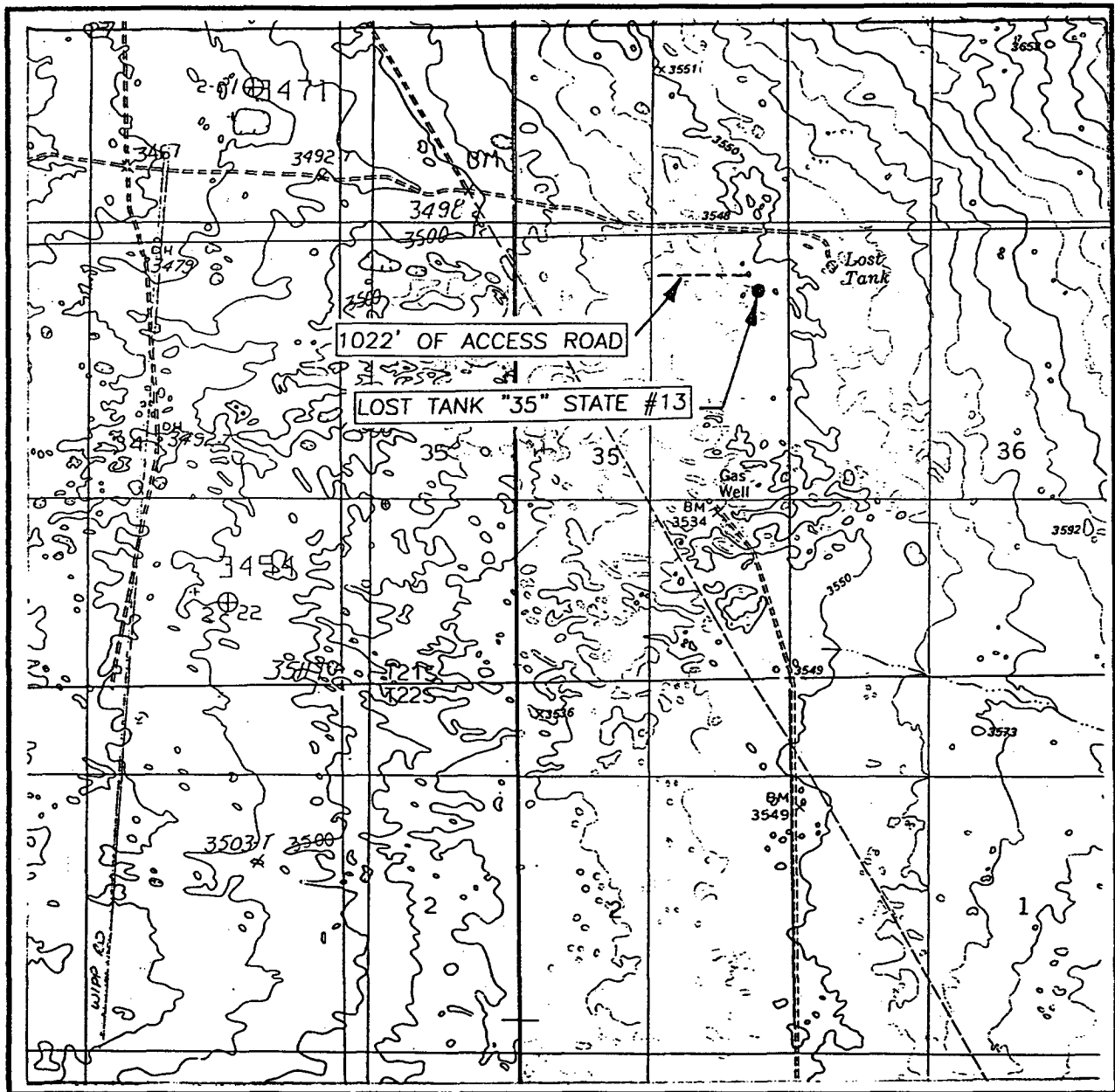
ELEVATION 3546'

OPERATOR POGO PRODUCING COMPANY

LEASE LOST TANK "35" STATE

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'  
THE DIVIDE, N.M.

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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FNL & 330' FEL

ELEVATION 3546'

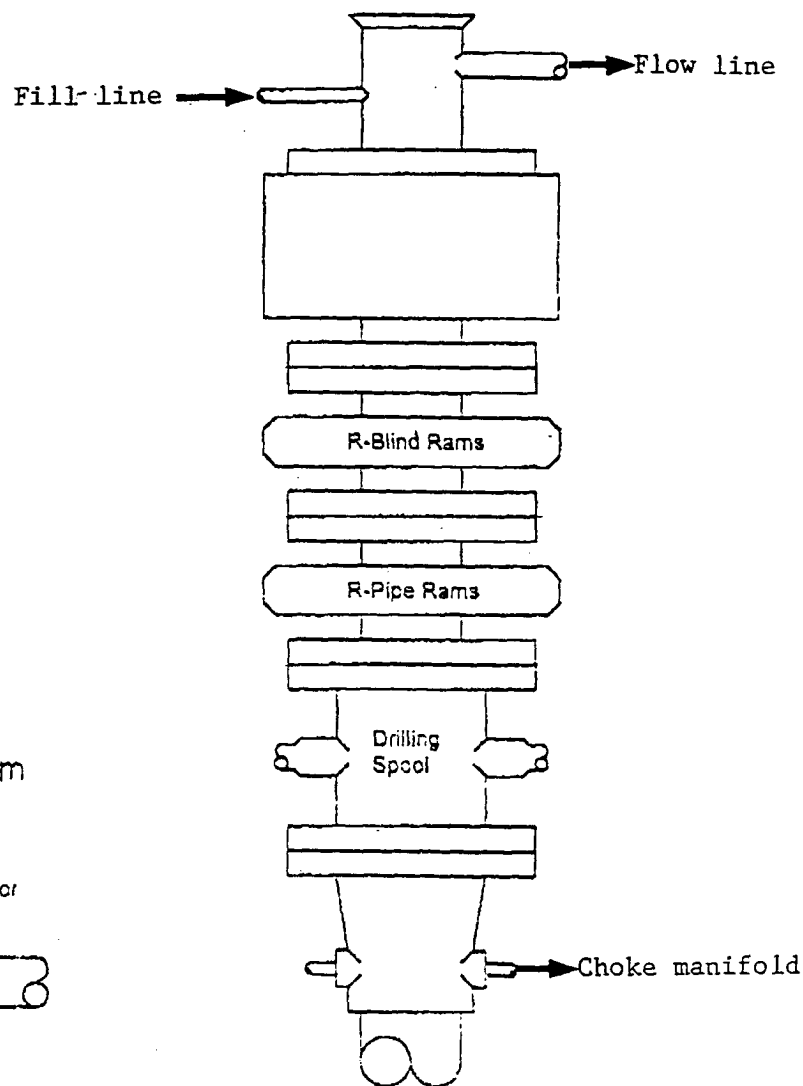
OPERATOR POGO PRODUCING COMPANY

LEASE LOST TANK "35" STATE

U.S.G.S. TOPOGRAPHIC MAP  
THE DIVIDE, N.M.

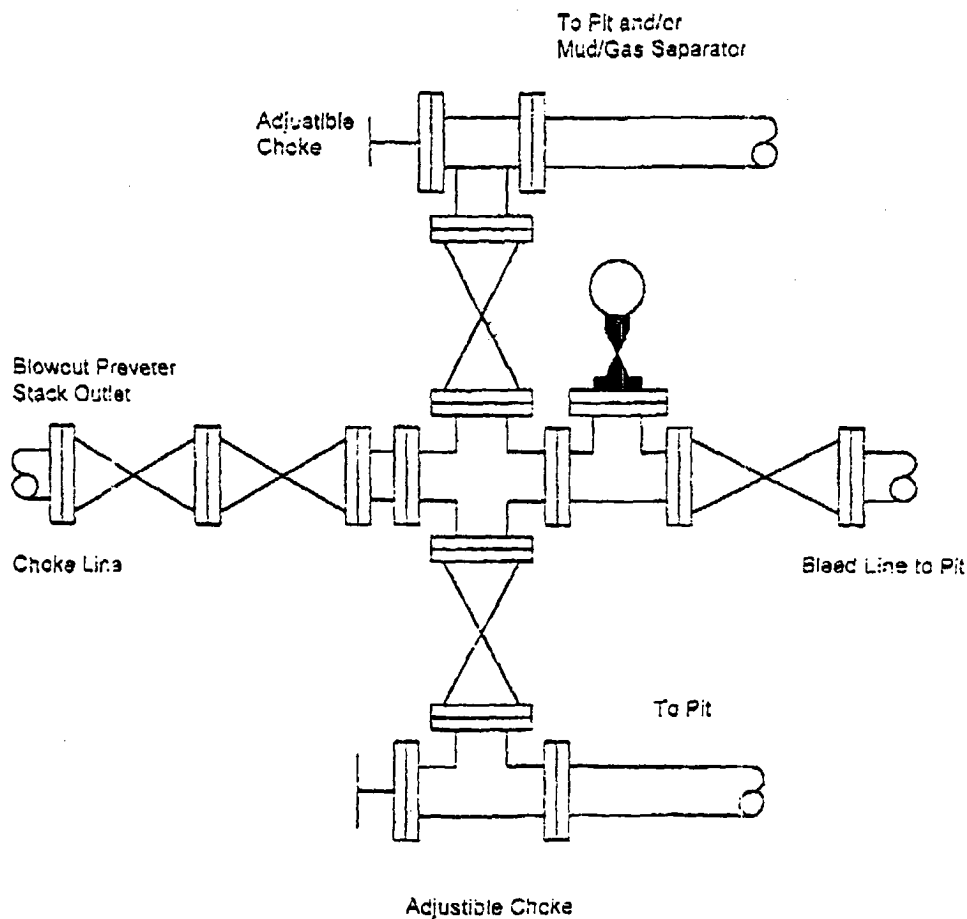
JOHN WEST SURVEYING  
HOBBS, NEW MEXICO  
(505) 393-3117

# BLOWOUT PREVENTER SYSTEM



Type 900 Series  
3000 psi WP

Choke Manifold Assembly for 3M WP System



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

May 25, 2004

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

**Re: Lost Tank "35" State No. 13 Well  
330' FNL and 330' FEL  
Section 35, T-21-S, R-31-E  
Eddy County, New Mexico**

**Dear Mr. McDaniel:**

**Intrepid Mining NM, LCC. offers no objection to the drilling of the Lost Tank "35"  
State No. 13 Well by POGO Producing Company.**

Sincerely,

*Thomas A. McGuire*  
**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 • 882**

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

**TOTAL P.04**



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

Joanna Prukop  
Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division



Bureau of Land Management  
620 East Greene St.  
Carlsbad, NM 88220-6292  
Attn: 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 #13  
**LOCATION:** SEC. 35, TOWNSHIP 21 SOUTH, RANGE 31 EAST,  
660' FNL & 330' FEL, Surface Location  
EDDY COUNTY, NM, NMPM

**PROPOSED DEPTH: 8350'.**

Dear Craig 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 <u>*</u>	No <u>    </u>
In Buffer Zone	Yes <u>    </u>	No <u>    </u>

Comments:

IN THE LMR OF MISSISSIPPI POTASH EAST MINE  
Craig Cranston  
Signature: \_\_\_\_\_ Date: 8-20-03





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division

New Mexico State Land Office  
P.O. Box 1148  
Santa Fe, N.M. 87504  
Attn: Larry Kehoe 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 #13  
**LOCATION:** SEC. 35, TOWNSHIP 21 SOUTH, RANGE 31 EAST,  
660' FNL & 330' FEL, Surface Location  
EDDY COUNTY, NM, NMPM

**PROPOSED DEPTH: 8350'.**

Dear Craig 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  
In Buffer Zone

Yes X  
Yes \_\_\_\_\_

No \_\_\_\_\_  
No \_\_\_\_\_

*Jm*  
8-18-03

Comments:

Signature: *Bryan G. Arrant*Date: 8/18/03

**POGO PRODUCING COMPANY**

June 1, 2004

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

RE: Lost Tank 35 State #13  
330' FNL & 330' 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