

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

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> API Number 30-025-36766
<sup>4</sup> Property Code 33989	<sup>5</sup> Property Name TRIPLE X "6" STATE	<sup>6</sup> Well No. 3

<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
F	6	24S	33E		1650'	NORTH	1650'	WEST	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

TRIPLE "X" DELAWARE (59920)

<sup>10</sup> Proposed Pool 2

## Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	6	24S	33E		1650'	NORTH	1650'	WEST	LEA

Depth to  
ground waterDistance from nearest  
fresh water wellDistance from nearest  
surface water<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  
3634'<sup>16</sup> Multiple  
NO<sup>17</sup> Proposed Depth  
5300'<sup>18</sup> Formation  
DELAWARE<sup>19</sup> Contractor  
CAPSTAR<sup>20</sup> Spud Date  
WHEN APPROVED<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Estimated TOC
25"	20"	NA	40'	5000H Sacks of Cement
12 1/4"	8 5/8"	24	850'	Red-mix 650 Sx.
7 7/8"	4 1/2"	11.6	5300'	1000 Sx. 500' From 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.

SEE ATTACHED SHEET

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Signature: *Joe T. Janica*

Printed name: Joe T. Janica

Title: Agent

E-mail Address:

Date: 07/16/04

Phone: 505-391-8503

## OIL CONSERVATION DIVISION

Approved by:

*Paul F. [Signature]*

PETROLEUM ENGINEER

Title:

Approval Date:

JUL 19 2004

Expiration Date:

Conditions of Approval:

Attached ☐

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 12 $\frac{1}{4}$ " hole to 850'. Run and set 850' of 8 5/8" 24# J-55 ST&C casing. Cement with 650 Sx. of Class "C" cement + 2% CaCl, +  $\frac{1}{4}$ # Flocele/Sx. Circulate cement to surface.
3. Drill 7 7/8" hole to 5300'. Run and set 5300' of 4 $\frac{1}{2}$ " 11.6# J-55 ST&C casing. Cement with 1000 Sx. of Class "C" cement + additives. Estimate top of cement 500' from surface.

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-36766</b>	Pool Code <b>59920</b>	Pool Name <b>TRIPLE "X" DELAWARE</b>
Property Code <b>33989</b>	Property Name <b>TRIPLE X "6" STATE</b>	Well Number <b>3</b>
OGRID No. <b>17891</b>	Operator Name <b>POGO PRODUCING COMPANY</b>	Elevation <b>3634'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	6	24-S	33-E		1650'	NORTH	1650'	WEST	LEA

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 <b>40</b>	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

LOT 4	LOT 3	LOT 2	LOT 1
38.21 AC	39.94 AC	39.90 AC	39.86 AC
LOT 5			
38.25 AC			
LOT 6			
38.27 AC			
LOT 7			
38.29 AC			

1650'

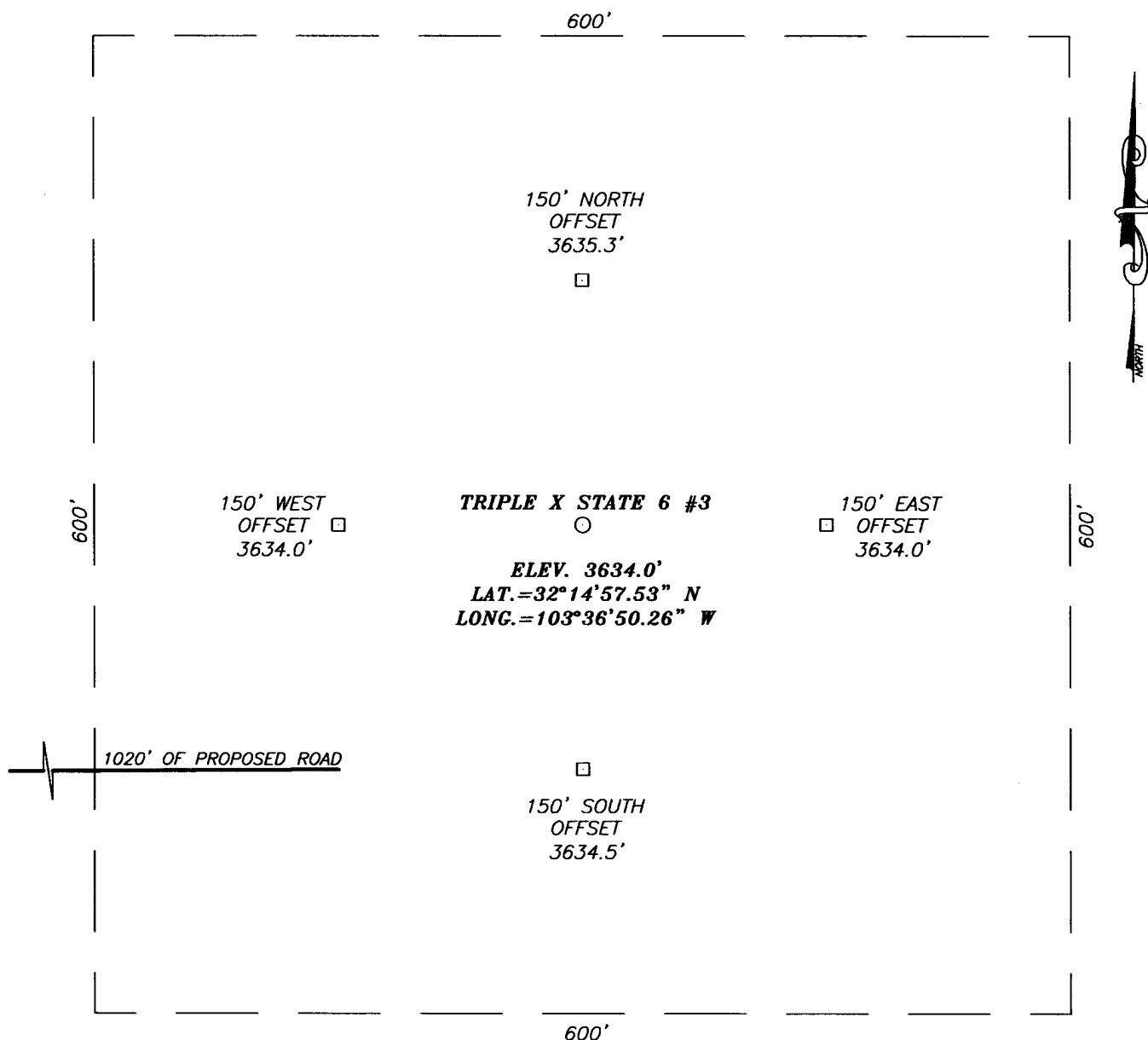
1650'

GEODETIC COORDINATES  
NAD 27 NME  
Y=455163.6 N  
X=722398.8 E  
LAT.=32°14'57.53" N  
LONG.=103°36'50.26" W

**OPERATOR CERTIFICATION**  
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 Joe T. Janica  
Agent  
Title  
Date 07/16/04

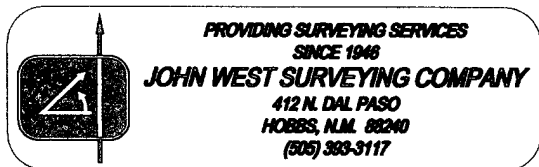
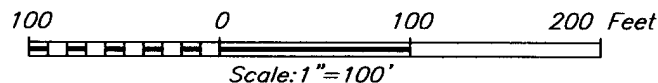
**SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  
JUNE 22, 2004  
Date Surveyed  
Signature & Seal of Professional Surveyor GARY E. EDSON  
Certificate No. 04.11.0778  
Certificate No. GARY E. EDSON 12641

**SECTION 6, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.,**  
 LEA COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

AT MILEPOST 27 ON ST. HWY. #128 GO NORTH THRU CATTLE GUARD AND GO NORTHWEST 2.9 MILES TO A TWO TRACK ROAD ALONG A FENCE LINE. GO NORTH ON THE TWO TRACK ROAD FOR APPROX. 0.2 MILES. THIS LOCATION IS 0.28 MILES EAST ALONG PROPOSED ROADS



**POGO PRODUCING COMPANY**

TRIPLE X STATE 6 #3 WELL  
 LOCATED 1650 FEET FROM THE NORTH LINE  
 AND 1650 FEET FROM THE WEST LINE OF SECTION 6,  
 TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.,  
 LEA COUNTY, NEW MEXICO.

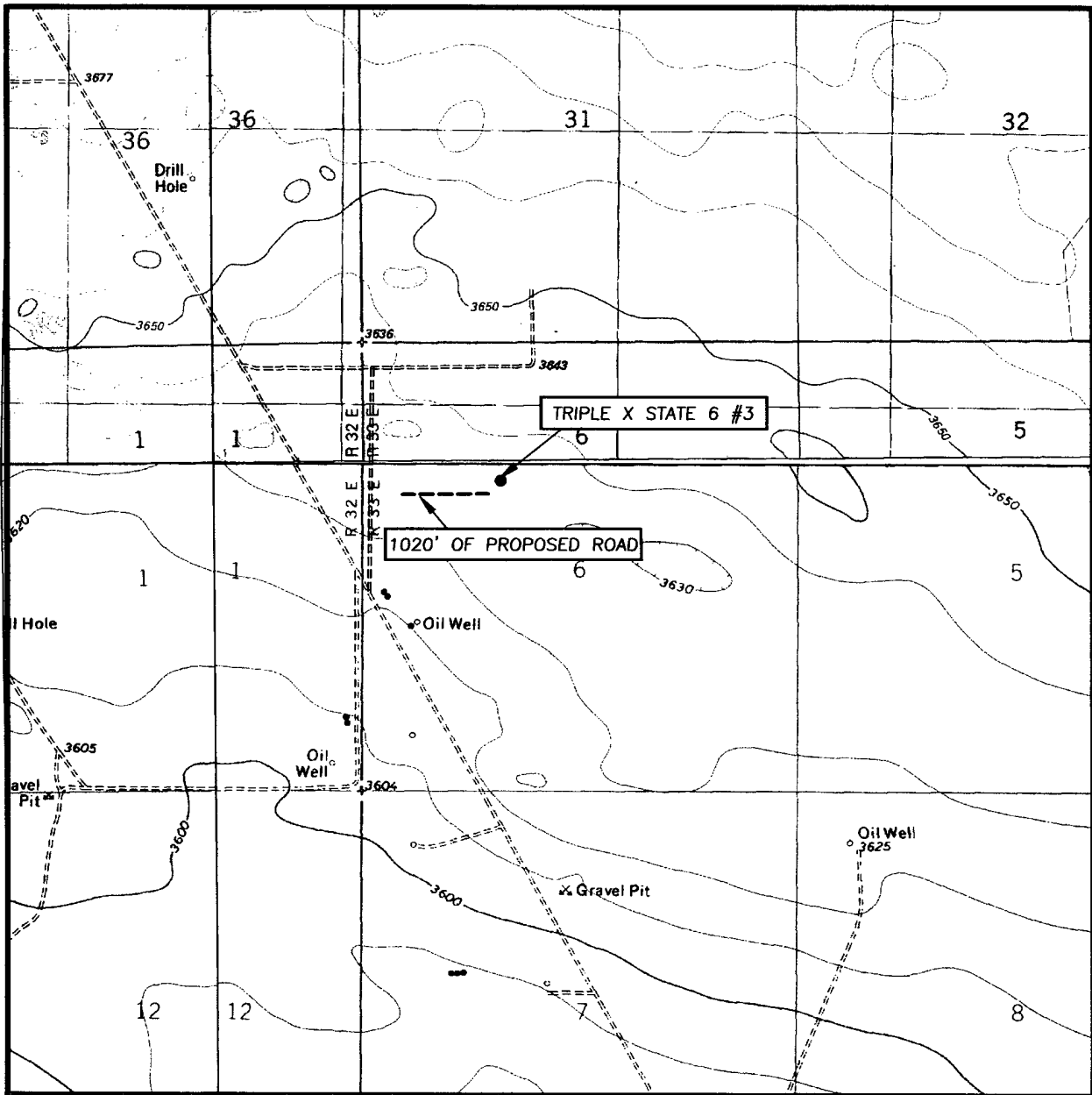
Survey Date: 06/22/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.0778	Dr By: J. RIVERO Rev 1:N/A
Date: 06/24/04	Disk: CD#10 04110778 Scale: 1"=100'

SEC. 6 TWP. 24-S RGE. 33-E  
SURVEY \_\_\_\_\_ N.M.P.M. \_\_\_\_\_  
COUNTY \_\_\_\_\_ LEA \_\_\_\_\_  
DESCRIPTION 1650' FNL & 1650' FWL  
ELEVATION \_\_\_\_\_ 3634' \_\_\_\_\_  
POGO \_\_\_\_\_  
OPERATOR \_\_\_\_\_ PRODUCING COMPANY \_\_\_\_\_  
LEASE \_\_\_\_\_ TRIPLE X STATE 6 \_\_\_\_\_



**PROVIDING SURVEYING SERVICES  
SINCE 1946  
JOHN WEST SURVEYING COMPANY  
412 N. DAL PASO  
HOBBS, N.M. 88240  
(505) 393-3117**

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
TIP TOP WELLS, N.M. - 10'

SEC. 6 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

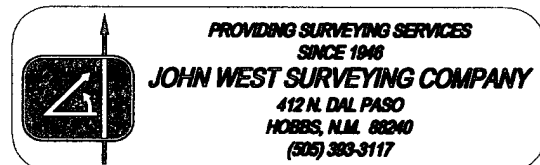
DESCRIPTION 1650' FNL & 1650' FWL

ELEVATION 3634'

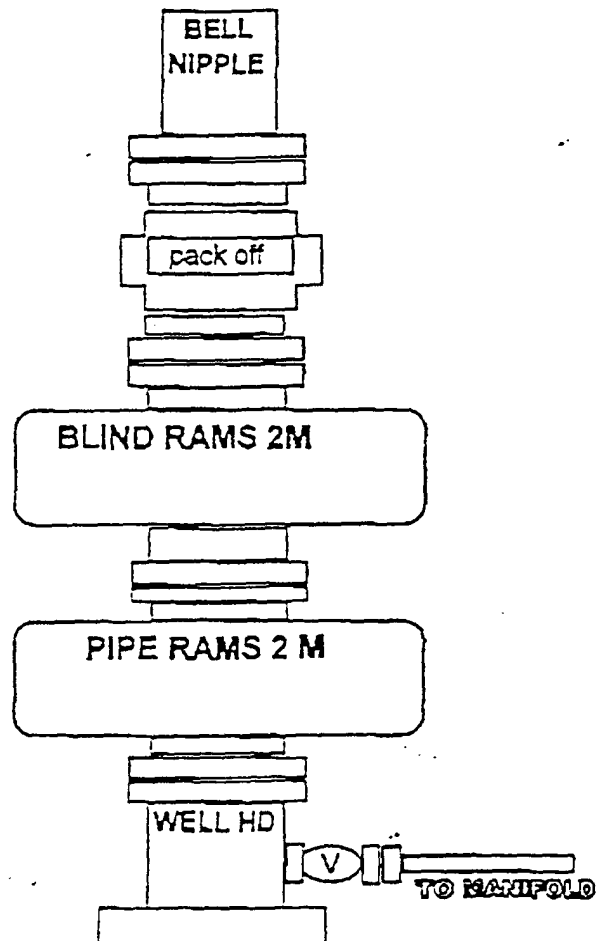
OPERATOR POGO PRODUCING COMPANY

LEASE TRIPLE X STATE 6

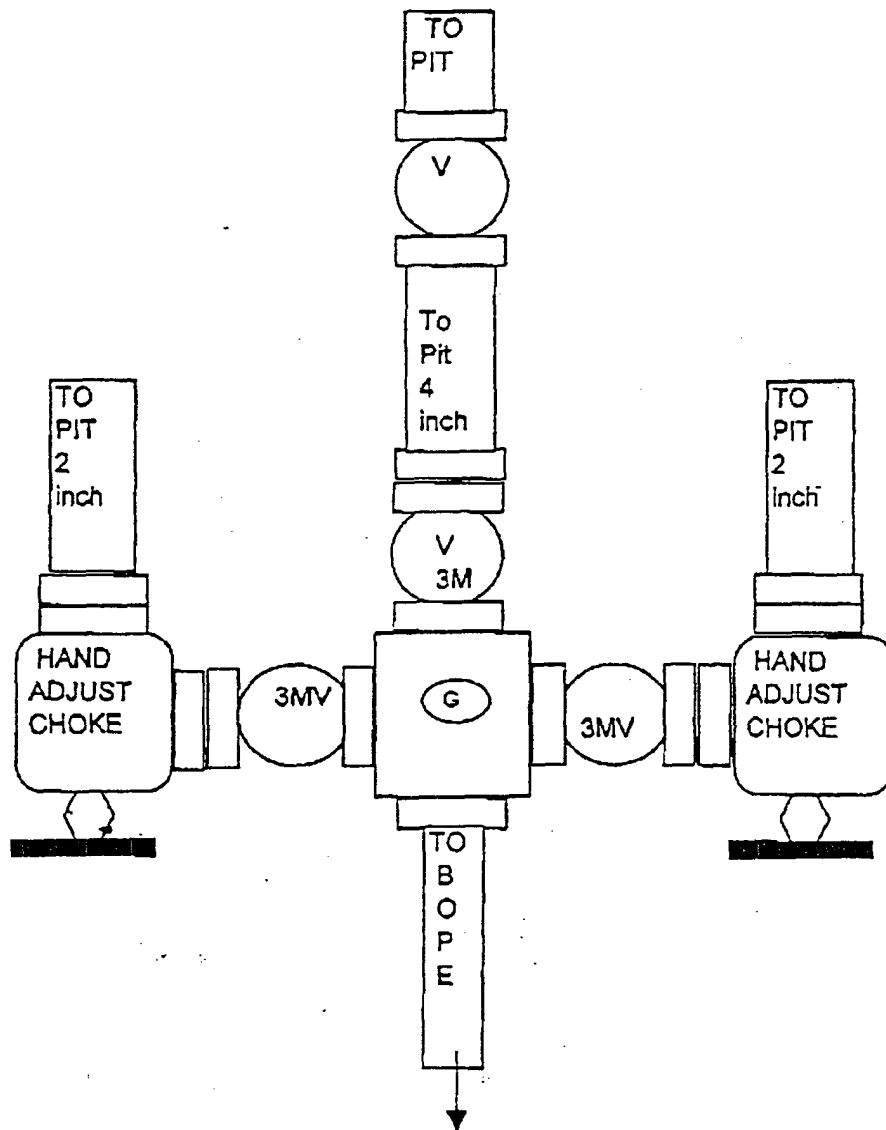
U.S.G.S. TOPOGRAPHIC MAP  
TIP TOP WELLS, N.M.



11" 2M



3000 PSI WP





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State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-1  
March 12, 20

For drilling and production facilities, submit 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: Triple X 6 State #3 API #: 30 025 36766 W/L or Qtr/Qtr F Sec 6 T 24 R 33  
County: Lea Latitude 32 14 57.53N Longitude 103 36 50.26W 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 checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Volume <u>16000</u> 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.) <u>Est depth 97'</u>	<table border="1"><tr><td>Less than 50 feet</td><td>(20 points)</td></tr><tr><td>50 feet or more, but less than 100 feet</td><td>(10 points) <u>10</u></td></tr><tr><td>100 feet or more</td><td>(0 points) <u>0</u></td></tr></table>	Less than 50 feet	(20 points)	50 feet or more, but less than 100 feet	(10 points) <u>10</u>	100 feet or more	(0 points) <u>0</u>
Less than 50 feet	(20 points)						
50 feet or more, but less than 100 feet	(10 points) <u>10</u>						
100 feet or more	(0 points) <u>0</u>						
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(10 points) <u>0</u></td></tr></table>	Yes	(20 points)	No	(10 points) <u>0</u>		
Yes	(20 points)						
No	(10 points) <u>0</u>						
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points)</td></tr><tr><td>1000 feet or more</td><td>(0 points) <u>0</u></td></tr></table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points)	1000 feet or more	(0 points) <u>0</u>
Less than 200 feet	(20 points)						
200 feet or more, but less than 1000 feet	(10 points)						
1000 feet or more	(0 points) <u>0</u>						
Ranking Score (Total Points) <u>8/10</u>							

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: 08/03/04  
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: 8/9/04  
Date: 8/9/04  
Printed Name/Title: CHRIS WILLIAMS - DIST. SUPV Signature: Chris Williams

Water Resources

Data Category:

Site Information

Geographic Area:

New Mexico

go

# Site Map for New Mexico

USGS 321611103321601 23S.33E.26.42100

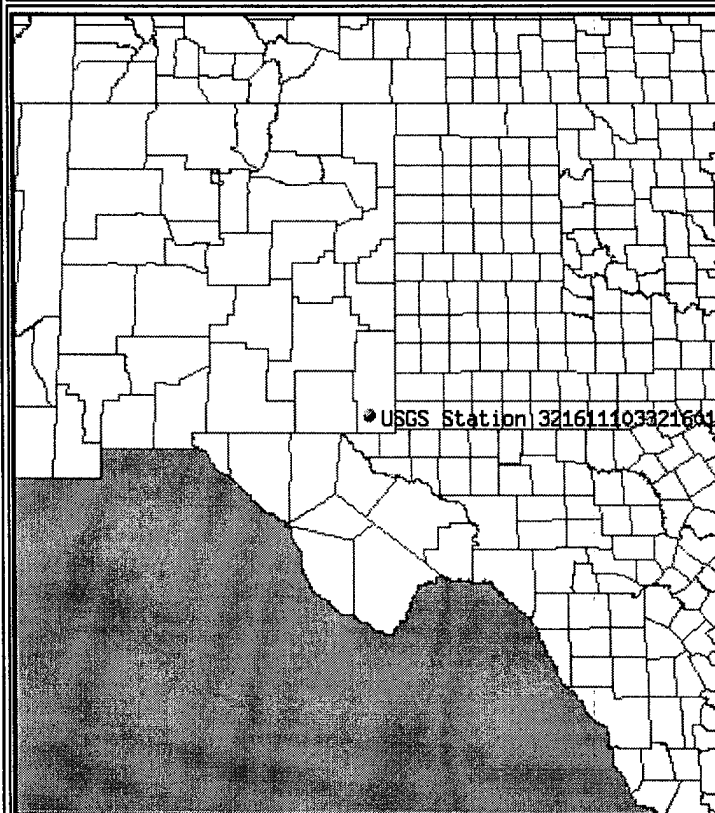
Available data for this site

Station site map

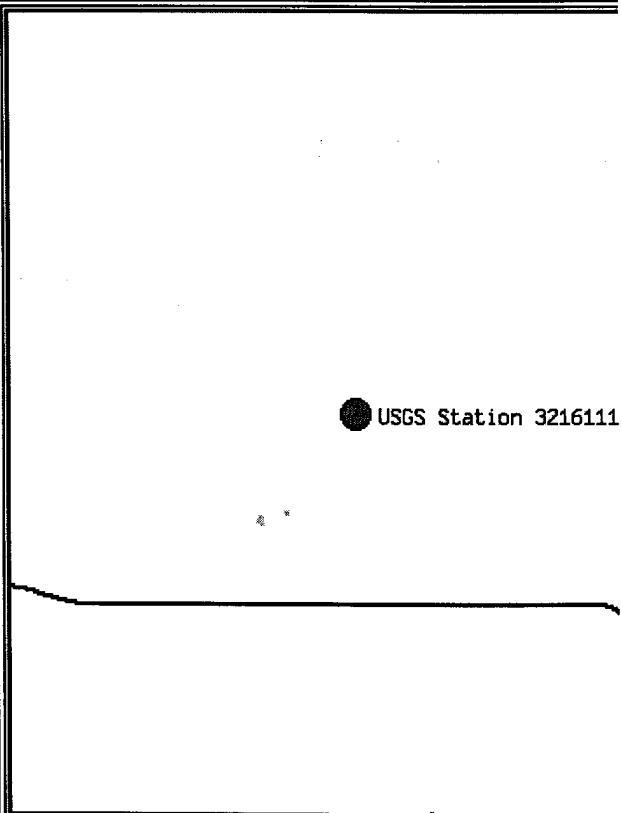
GO

Lea County, New Mexico  
Hydrologic Unit Code 13070007  
Latitude 32°16'11", Longitude 103°32'16" NAD27  
Gage datum 3,644.00 feet above sea level NGVD29

Location of the site in New Mexico.



Site map.



ZOOM IN 2X, 4X, 6X, 8X, or ZOOM OUT 2X, 4X, 6X, 8X.

Maps are generated by US Census Bureau TIGER Mapping Service.

Questions about data [New Mexico NWISWeb Data Inquiries](#)  
Feedback on this website [New Mexico NWISWeb Maintainer](#)  
NWIS Site Inventory for New Mexico: Site Map  
<http://waterdata.usgs.gov/nm/nwis/nwismap?>

[Top](#)  
[Explanation of terms](#)

Water Resources

Data Category:

Ground Water

Geographic Area:

New Mexico

go

# Ground-water levels for New Mexico

## Search Results -- 1 sites found

Search Criteria

site_no list = • 321611103321601
----------------------------------

Save file of selected sites to local disk for future upload

USGS 321611103321601 23S.33E.26.42100

Available data for this site

Ground-water: Levels

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

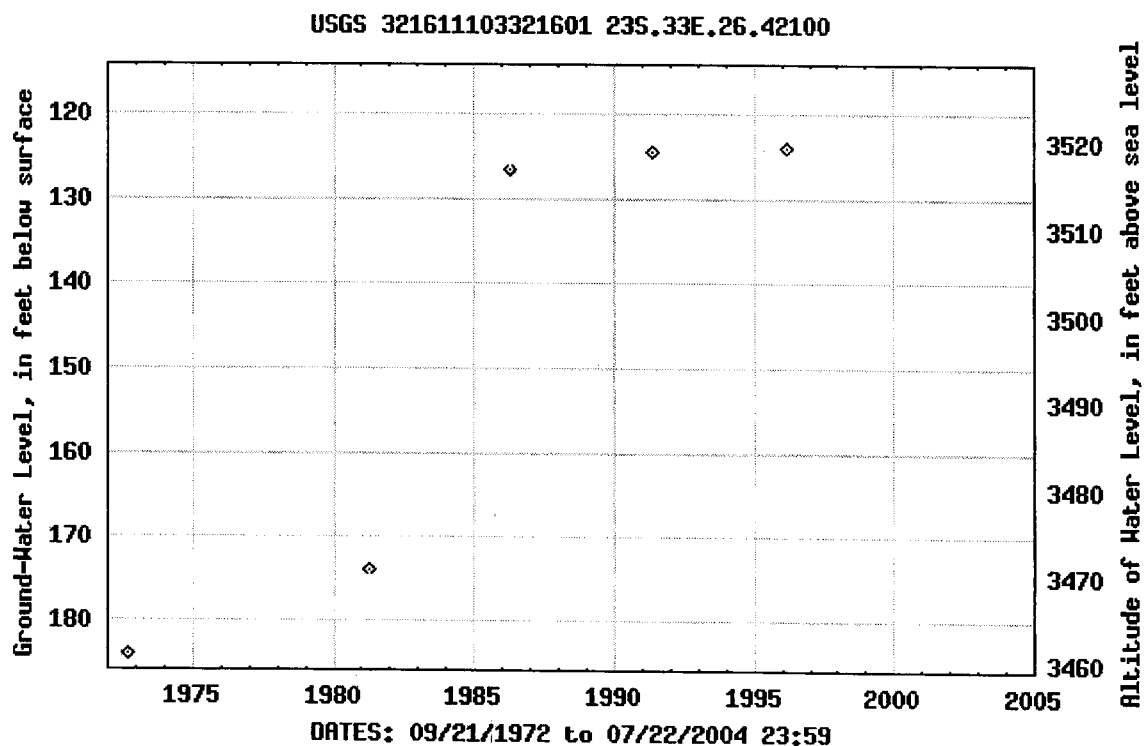
Latitude 32°16'11", Longitude 103°32'16" NAD27

Gage datum 3,644.00 feet above sea level NGVD29

The depth of the well is 190 feet below land surface.

This well is completed in CHINLE FORMATION (231CHNL)

### Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Breaks in the plot represent a gap of at least one calendar year between two consecutive points.

# Great Circle Calculator.

By Ed Williams

You need Javascript enabled if you want this page to do anything useful! For Netscape, it's under Options/Network Preferences/Languages.

## Compute true course and distance between points.

Enter lat/lon of points, select distance units and earth model and click "compute". Lat/lons may be entered in DD.DD, DD:MM.MM or DD:MM:SS.SS formats.

Note that if either point is very close to a pole, the course may be inaccurate, because of its extreme sensitivity to position and inevitable rounding error.

Input Data

Lat1		Lon1	
32:16:11	N	103:32:16	W
Lat2		Lon2	
32:14:57.53	N	103:36:50.26	W

Output

Course 1-2	Course 2-1	Distance
252.44299	72.402331	4.05473118

Distance Units:  Earth model:

## Compute lat/lon given radial and distance from a known point

Enter lat/lon of initial point, true course and distance. Select distance units and earth model and click "compute". Lat/lons may be entered in DD.DD, DD:MM.MM or DD:MM:SS.SS formats.

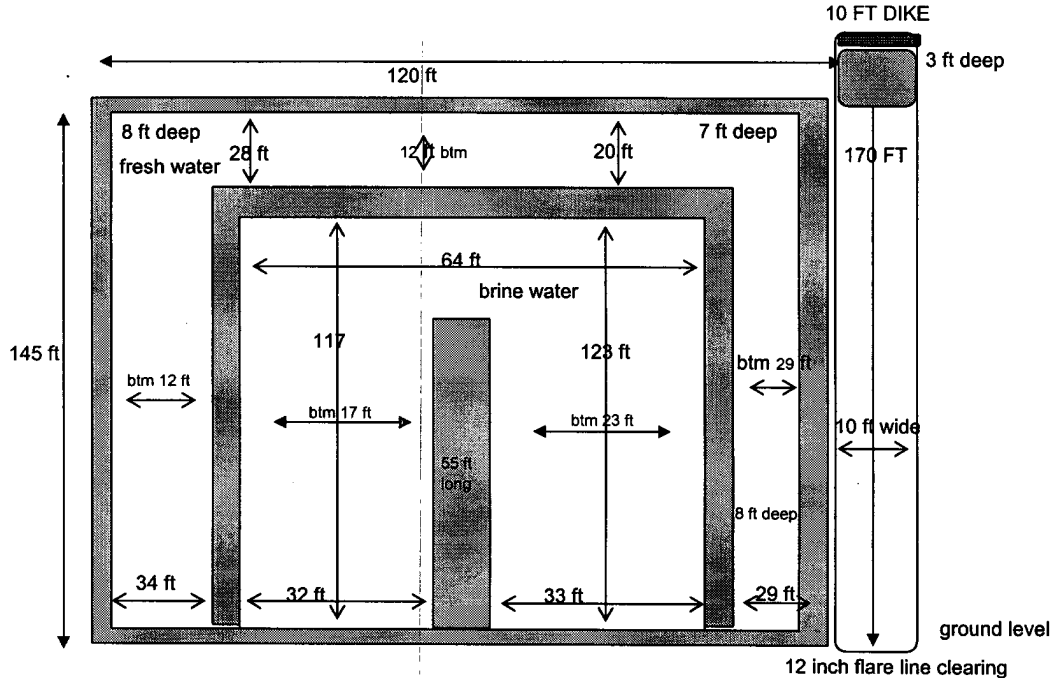
Note that the starting point cannot be a pole.

Input data

Lat1		Lon1	
0:00.00	N	0:00.00	W
Course 1-2		Distance 1-2	

# **POGO Producing Company** **Triple "X" 6 State #3** **Approximate Pit Dimensions**

1650' FNL & 1650' FWL Sec 6, T24S, R33E, Lea County, New Mexico  
 API # 30 025 36766



## **PIT NOTES:**

Pit will be lined with 12 mil Black plastic w/ UV protection.  
 Pit walls are 6 ft to 8 ft wide.  
 Pit is 8 ft deep below ground level plus 2 ft walls  
 Pit walls are 2 ft above ground level.  
 Caliches mined from pit used to make Well Pad.  
 Fresh Water volume to ground level =  $\pm$  7950 bbls  
 Brine Water volume to ground level =  $\pm$  7730 bbls  
 12 inch Flare line laid on gradual descending graded ROW away from rig to avoid fluid trapping  
 Fresh water well = (Nad 27) 32° 13' 12" N & 103° 39' 56" W "Published data"  
 Fresh water well = (Nad 27) 32° 16' 11" N & 103° 32' 16" W "Published data"  
 Fresh water well = (Nad 27) 32° 13' 48" N & 103° 34' 04" W "Published data"  
 This well produces from a depth greater than 50 ft.

Pit equals approx 16000 bbls