

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

Form C-101
March 4, 2004

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

¹ Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		² OGRID Number 17891
³ Property Code 33989	⁴ Property Name TRIPLE X "6" STATE	⁵ API Number 30 - 025-36768 ⁶ Well No. 5

⁷ Surface Location

UL or lot no. LOT 5	Section 6	Township 24S	Range 33E	Lot Idn	Feet from the 1650'	North/South line NORTH	Feet from the 330'	East/West line WEST	County LEA
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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
⁹ Proposed Pool 1 TRIPLE "X" DELAWARE (59920)						¹⁰ Proposed Pool 2			

Drilling Pit Location and Other Information

UL or lot no. LOT 5	Section 6	Township 24S	Range 33E	Lot Idn	Feet from the 1650'	North/South line NORTH	Feet from the 330'	East/West line WEST	County LEA
Depth to ground water				Distance from nearest fresh water well		Distance from nearest surface water			
¹¹ Work Type Code N		¹² Well Type Code O		¹³ Cable/Rotary ROTARY		¹⁴ Lease Type Code S		¹⁵ Ground Level Elevation 3634'	
¹⁶ Multiple NO		¹⁷ Proposed Depth 5300'		¹⁸ Formation DELAWARE		¹⁹ Contractor CAPSTAR		²⁰ Spud Date WHEN APPROVED	

²¹ Proposed Casing and Cement Program

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

²² 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

²³ 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 NMOCD 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:

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.

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DISTRICT IV
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State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <u>30-025-36768</u>	Pool Code 59920	Pool Name TRIPLE "X" DELAWARE
Property Code 33989	Property Name TRIPLE X "6" STATE	Well Number 5
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3634'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
5	6	24-S	33-E		1650'	NORTH	330'	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 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

LOT 4	LOT 3	LOT 2	LOT 1
38.21 AC	39.94 AC	39.90 AC	39.86 AC
LOT 5	GEODETIC COORDINATES NAD 27 NME Y=455157.2 N X=721079.2 E LAT.=32°14'57.55" N LONG.=103°37'05.62" W		
38.25 AC			
LOT 6			
38.27 AC			
LOT 7			
38.29 AC			

OPERATOR CERTIFICATION

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

Joe T. Janica
Signature
Joe T. Janica
Printed Name
Agent
Title
07/16/04
Date

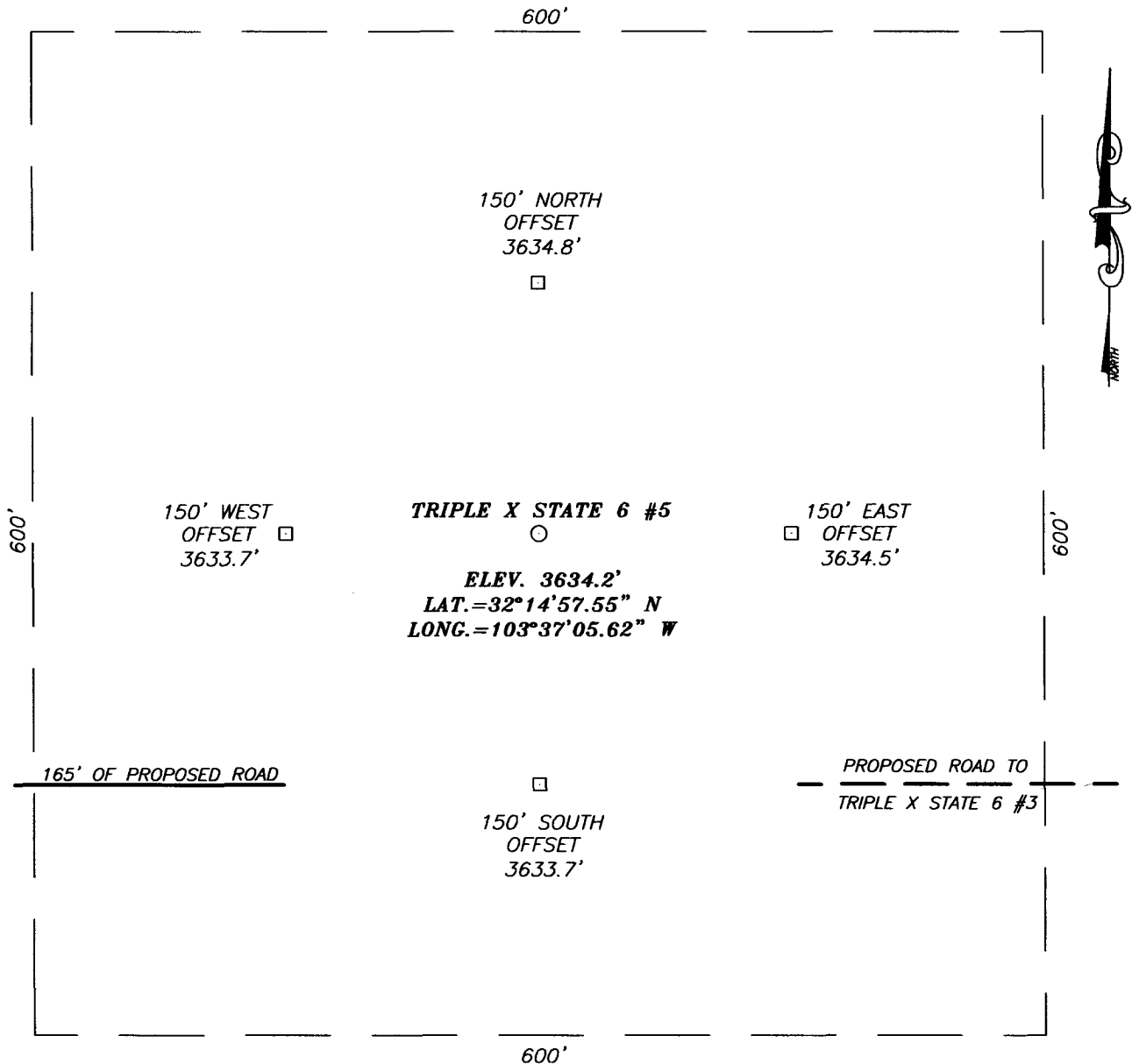
SURVEYOR CERTIFICATION

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

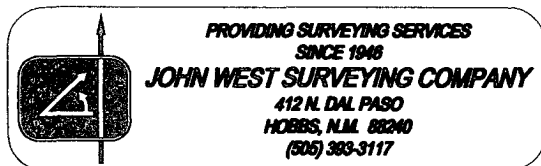
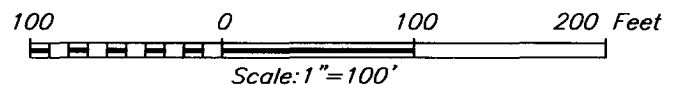
Date Surveyed
Signature & Seal of Professional Surveyor
GARY EIDSON
04.11.0780
Certificate No. GARY EIDSON 12641

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 330' EAST.



POGO PRODUCING COMPANY

TRIPLE X STATE 6 #5 WELL
 LOCATED 1650 FEET FROM THE NORTH LINE
 AND 330 FEET FROM THE WEST LINE OF SECTION 6,
 TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

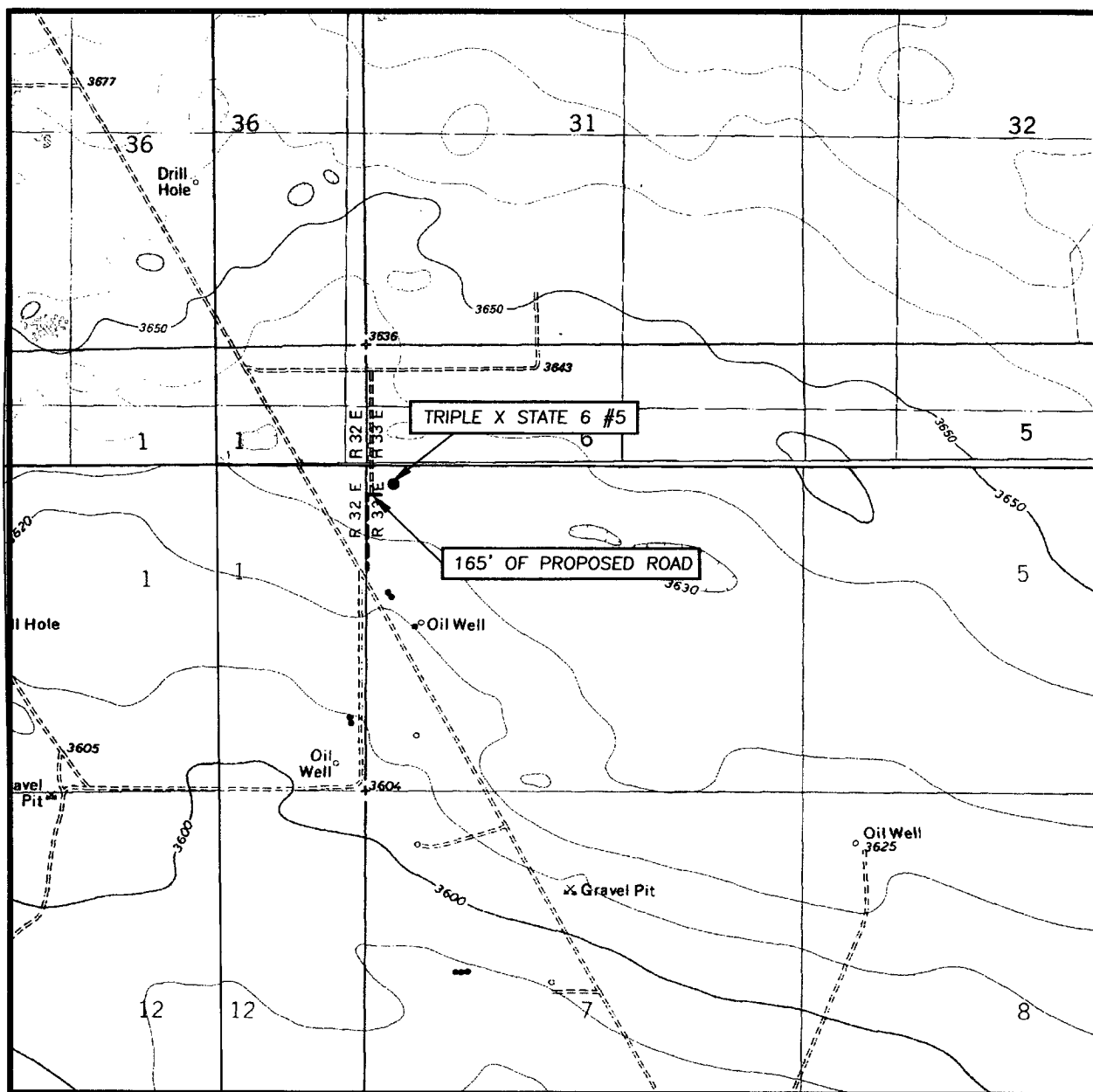
Survey Date: 06/22/04		Sheet 1 of 1 Sheets:	
W.O. Number: 04.11.0780		Dr By: J. RIVERO	Rev -1:N/A
Date: 06/24/04	Disk: CD#10	04110780	Scale: 1"=100'

SEC. 6 TWP. 24-S RGE. 33-E
SURVEY _____ N.M.P.M. _____
COUNTY _____ LEA _____
DESCRIPTION 1650' FNL & 330' 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:
BELL LAKE, N.M. - 10'

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

SURVEY N.M.P.M.

COUNTY LEA

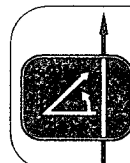
DESCRIPTION 1650' FNL & 330' FWL

ELEVATION 3634'

OPERATOR PRODUCING COMPANY

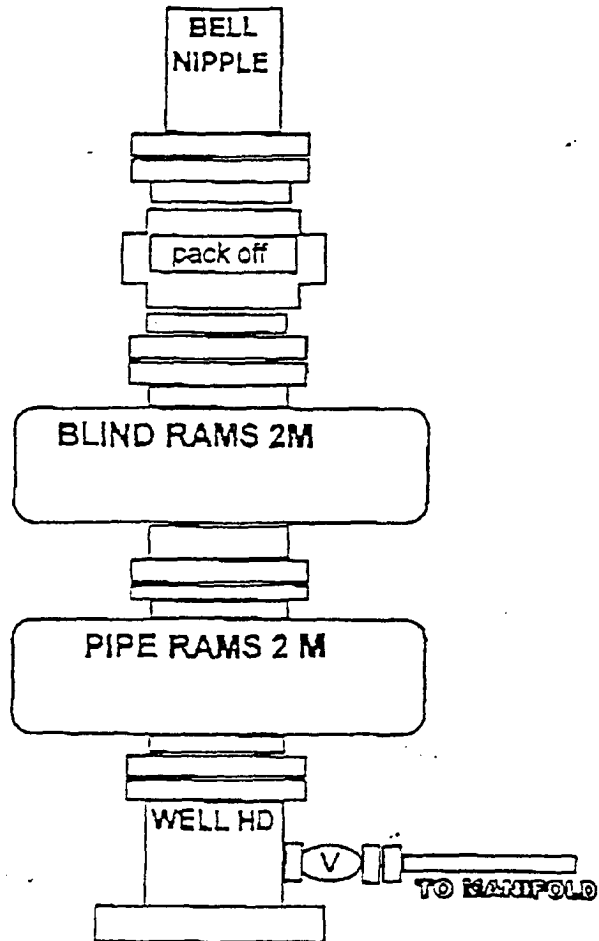
LEASE TRIPLE X STATE 6

U.S.G.S. TOPOGRAPHIC MAP
BELL LAKE, N.M.

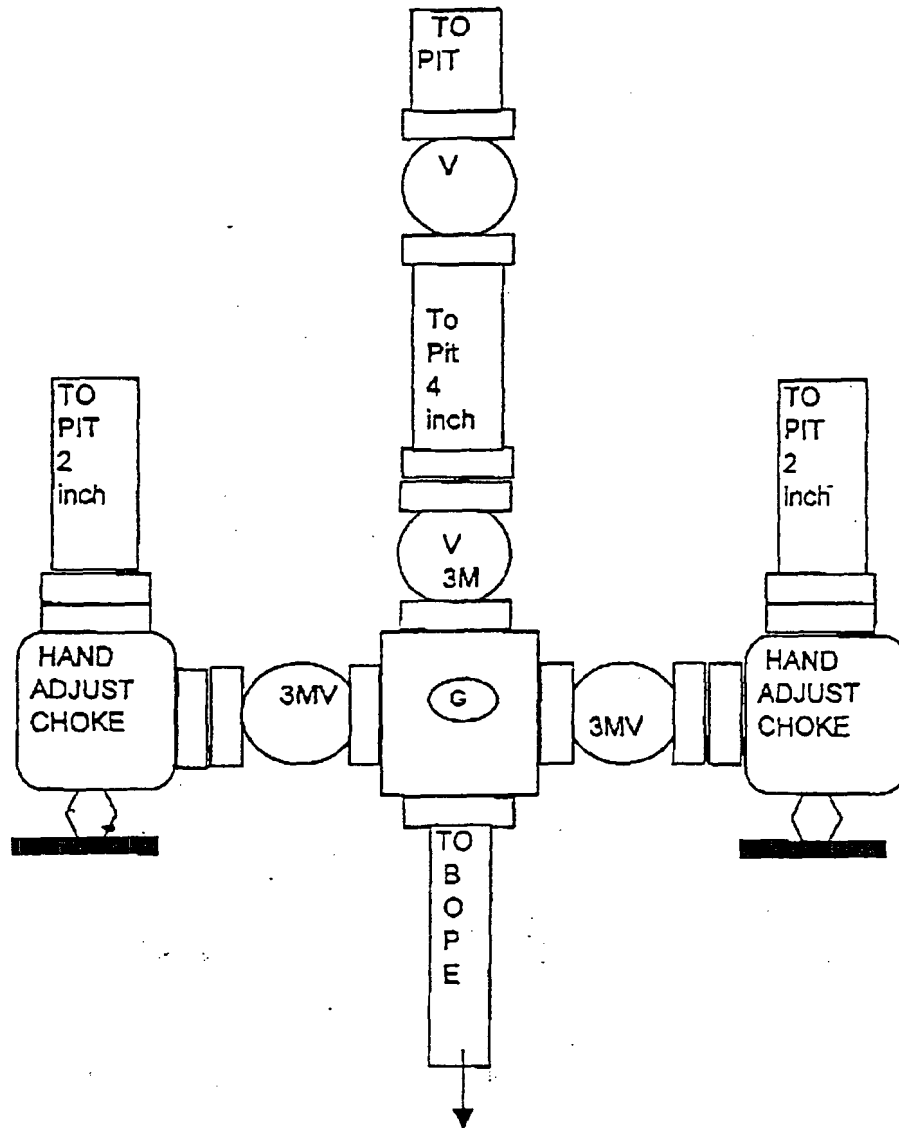


PROVIDING SURVEYING SERVICES
SINCE 1948
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 383-3117

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 #5 API #: 30 025 36768 U/L or Qtr/Qtr E Sec 6 T 24 R 33
County: Lea Latitude 32 14 57.55N Longitude 103 37 05.62W NAD: 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 <i>Est depth 97'</i>	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 <input checked="" type="checkbox"/> (0 points) <i>8/10</i>
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)
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)
	Ranking Score (Total Points) <i>01</i>

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:

Date: 8/9/04
Printed Name/Title CHRIS WILLIAMS - DIST SUPER Signature Chris Williams



Water Resources

Data Category:

Site Information

Geographic Area:

New Mexico

Site Map for New Mexico

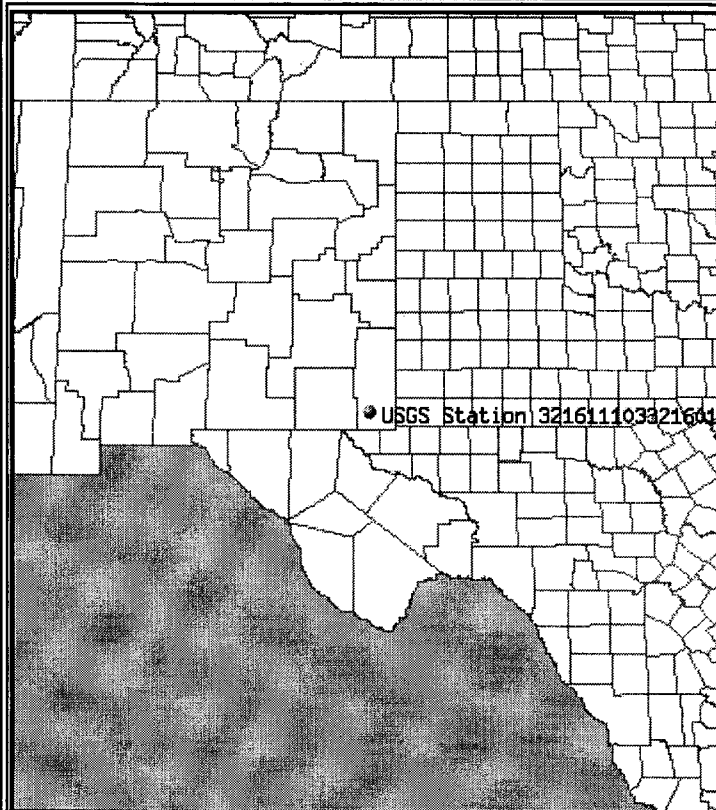
USGS 321611103321601 23S.33E.26.42100

Available data for this site

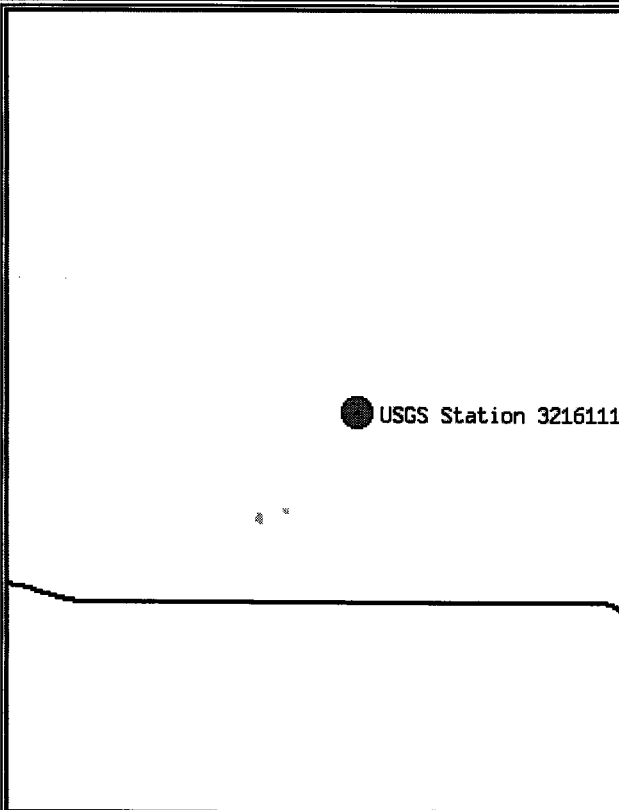
Station site map

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, 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
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[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

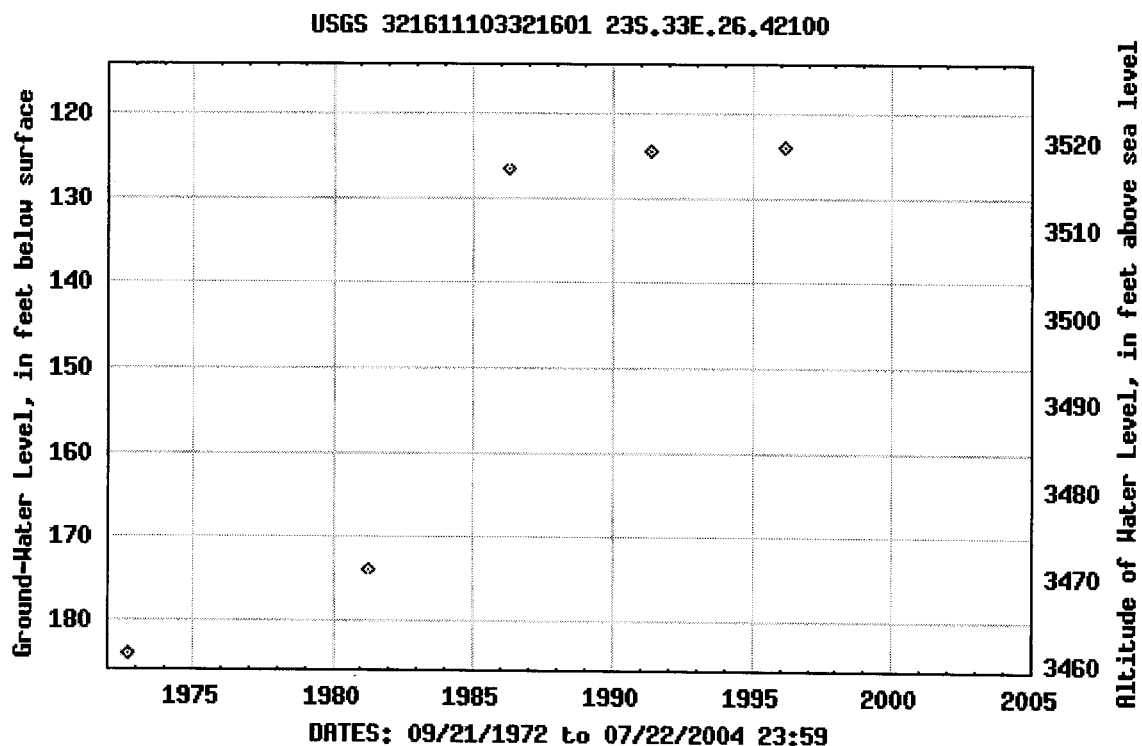
Latitude 32°16'11", Longitude 103°32'16" NAD27

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	
32:14:57.55	N	103:37:05.62	W

Output

Course 1-2	Course 2-1	Distance
253.32742	73.284482	4.26151281

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.

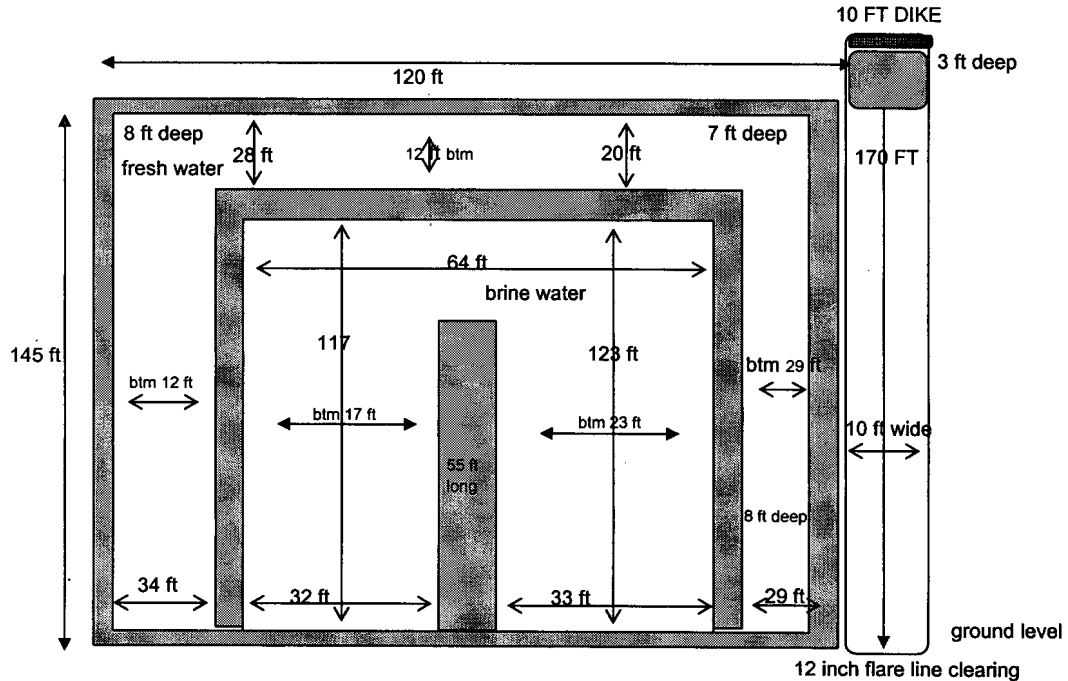
Note that the starting point cannot be a pole.

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 #5** **Approximate Pit Dimensions**

1650' FNL & 330' FWL, Sec 6, T24S, R33E, Lea County, New Mexico
 API # 30 025 36768



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