

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

Form C-144
June 1, 2004

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

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

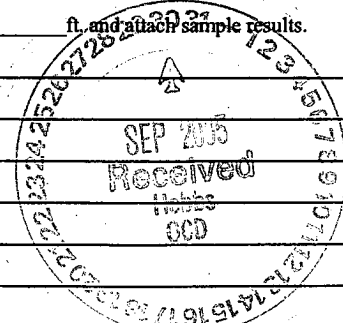
Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

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

Operator: <u>Pogo Producing Company</u> Telephone: <u>432-685-8100</u> e-mail address: <u>wrightc@pogoproducing.com</u>		
Address: <u>P. O. Box 10340, Midland, TX 79702-7340</u>		
Facility or well name: <u>Cotton Draw Unit #92</u> API #: <u>30-025-37521</u> U/L or Qtr/Qtr <u>A</u> Sec <u>16</u> T <u>25S</u> R <u>32E</u>		
County: <u>Lea</u> Latitude <u>32:08:14.33N</u> Longitude <u>103:40:23.59W</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit 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"/> Pit Volume <u>16000</u> bbl	Below-grade tank 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 X	(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 X	(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 X	(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: (check the onsite box if you are burying in place) 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.

Additional Comments:



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: 09/28/05

Printed Name/Title Cathy Wright, Sr. Eng 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:

Printed Name/Title

PETROLEUM ENGINEER

Signature

[Signature]

Date:

NOV 03 2005

Water Resources

Site Map for New Mexico

USGS 321005103402301 24S.32E.33.42241



Data Category:

Site Information

Geographic Area:

New Mexico

go

Available data for this site

site map

GO

Lea County, New Mexico

Hydrologic Unit Code 13070001

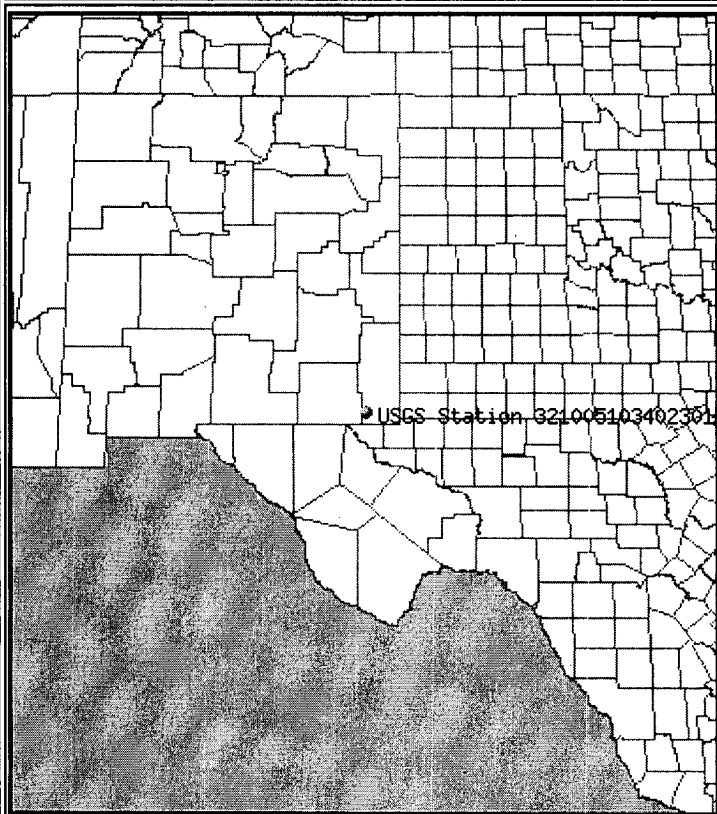
Latitude 32°10'05", Longitude 103°40'23" NAD27

Land-surface elevation 3,499.00 feet above sea level NGVD29

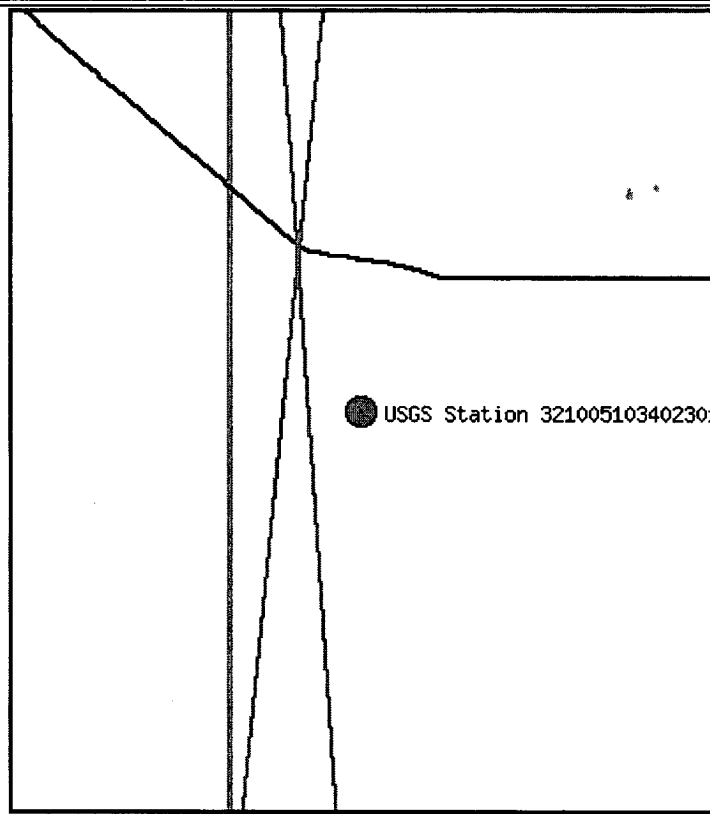
The depth of the well is 367 feet below land surface.

This well is completed in the CHINLE FORMATION (231CHNL) local aquifer.

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](#)

Retrieved on 2005-09-28 11:18:04 EDT
Department of the Interior, U.S. Geological Survey
USGS Water Resources of New Mexico

http://nwis.waterdata.usgs.gov/nm/nwis/nwismap/?site_no=321005103402301

9/28/2005

Water Resources

Data Category:

Ground Water

Geographic Area:

New Mexico

go

Ground-water levels for New Mexico

Search Results -- 1 sites found

Search Criteria

[Save file of selected sites to local disk for future upload](#)
USGS 321005103402301 24S.32E.33.42241

Available data for this site

Ground-water: Levels

GO

Lea County, New Mexico

Hydrologic Unit Code 13070001

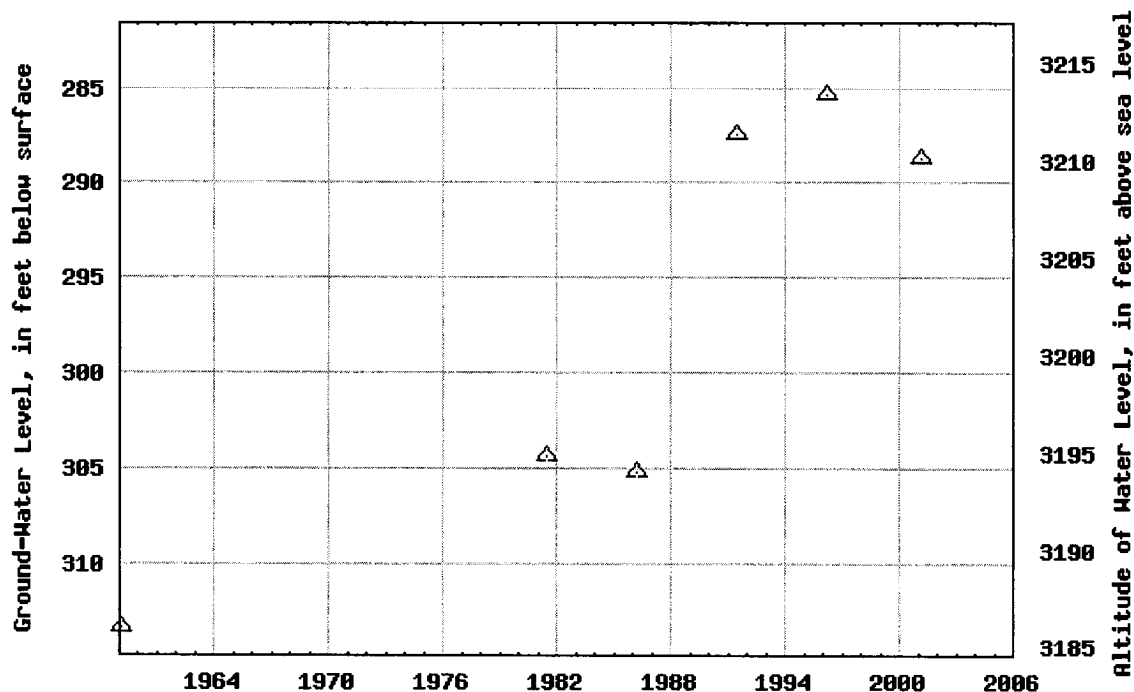
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Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)
USGS 321005103402301 24S.32E.33.42241


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

[Download a presentation-quality graph](#)

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	
32:10:05	N	103:40:23	W
Lat2		Lon2	
32:08:14.33	N	103:40:23.59	W

Output

Course 1-2	Course 2-1	Distance
180.258644	0.25855698	1.84451878

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.

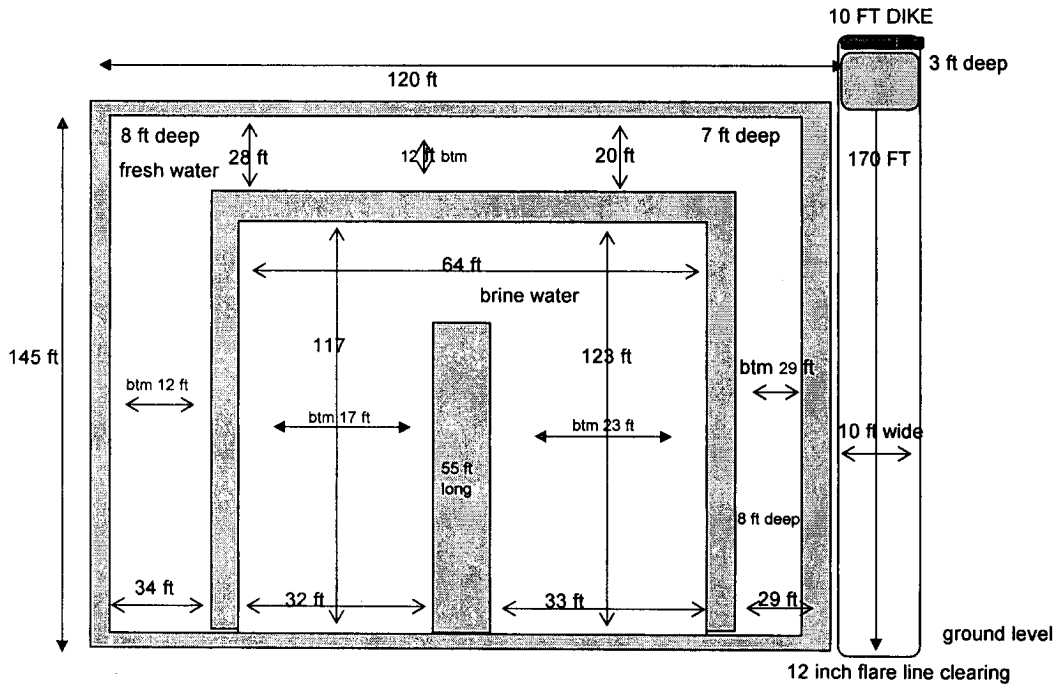
Input data

Lat1		Lon1	
0:00.00	N	0:00.00	W
Course 1-2		Distance 1-2	
360		0.0	



POGO Producing Company
Cotton Draw Unit #92
Approximate Pit Dimensions

A/16/25S/32E, Lea County, New Mexico



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° 10' 05" N & 103° 40' 23" W "Published data"
This well produces from a depth greater than 100 ft.

Pit equals approx 16000 bbls

