

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-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 ☐

RECEIVED

JUN 23 2006

OCU-ARTESIA

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: Sunrise 8 Federal #4 API #: 30-015-35081 U/L or Qtr/Qtr H Sec 8 T 24S R 31E

County: Eddy Latitude 32:14:00.76N Longitude 103:47:34.65W NAD: 1927 ☒ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Volume

16000 bbl

Below-grade tank

Volume: bbl Type of fluid:

Construction material:

Double-walled, with leak detection? Yes ☐ 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:

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: 06/21/06

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:

Date: JUN 28 2006

Printed Name/Title

Gerry Guye
Deputy Field Inspector
District II - Artesia

Signature Gerry Guye

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	
32:12:05	N	103:54:47	W
Lat2		Lon2	
32:14:00.76	N	103:47:34.65	W

Output

Course 1-2	Course 2-1	Distance
72.4068084	252.470836	6.394363018

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	

Water
Resources

National Water Information System:
Web Interface

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 = • 321205103544701

[Save file of selected sites to local disk for future upload](#)

USGS 321205103544701 24S.30E.19.42113

Available data for this site

Ground-water: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code

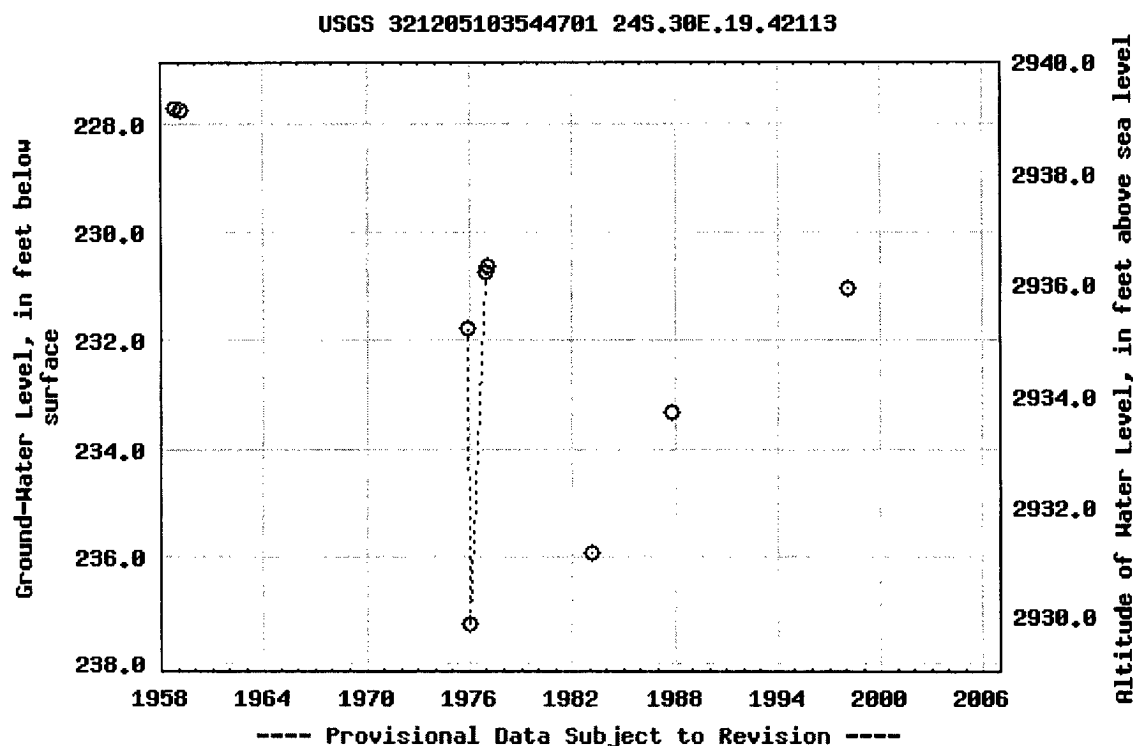
Latitude 32°12'05", Longitude 103°54'47" NAD27

Land-surface elevation 3,167.00 feet above sea level NGVD29

The depth of the well is 452 feet below land surface.

This well is completed in the RUSTLER FORMATION (312RSLR) local aquifer.

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.

[Download a presentation-quality graph](#)[Questions about data?](#)[Top](#)

Water
Resources

National Water Information System:
Web Interface

Data Category:

Site Information

Geographic Area:

New Mexico

GO

Site Map for New Mexico

USGS 321205103544701 24S.30E.19.42113

Available data for this site

Site map

GO

Eddy County, New Mexico

Hydrologic Unit Code

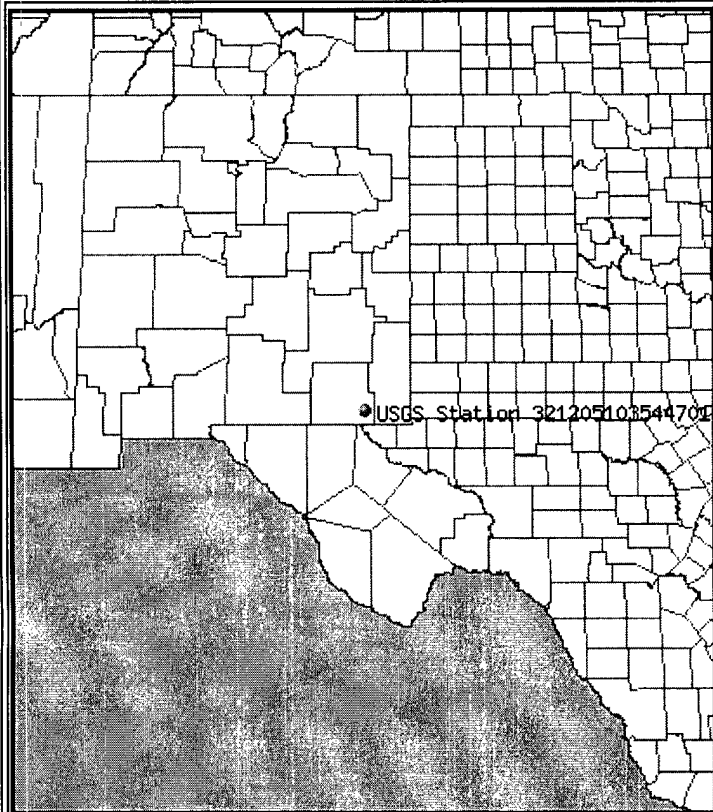
Latitude 32°12'05", Longitude 103°54'47" NAD27

Land-surface elevation 3,167.00 feet above sea level NGVD29

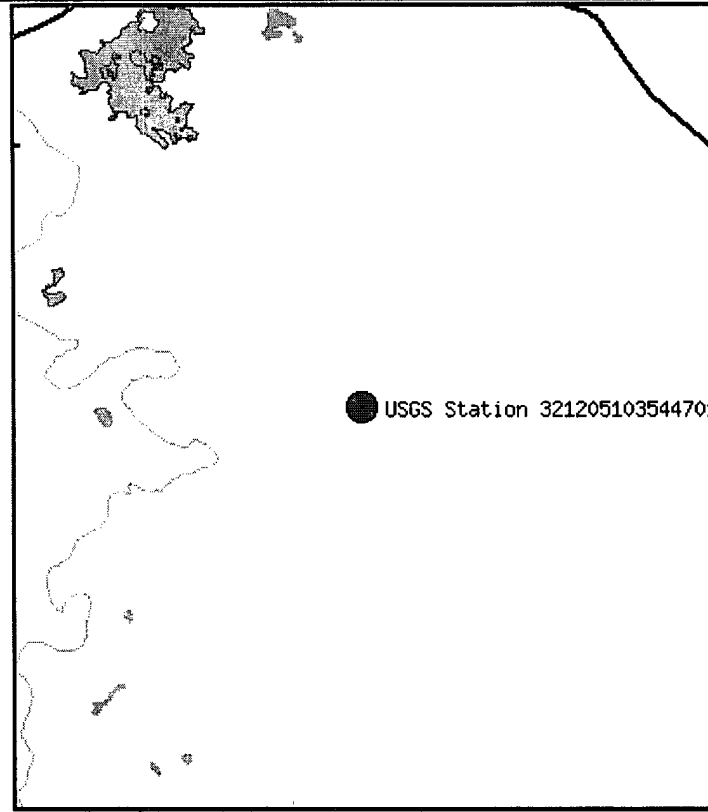
The depth of the well is 452 feet below land surface.

This well is completed in the RUSTLER FORMATION (312RSLR) 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?](#)[Feedback on this web site](#)

NWIS Site Inventory for New Mexico: Site Map

<http://waterdata.usgs.gov/nm/nwis/nwismap?>

Retrieved on 2006-06-21 15:39:37 EDT

Department of the Interior, U.S. Geological Survey

http://nwis.waterdata.usgs.gov/nm/nwis/nwismap/?site_no=321205103544701&[Top](#)[Explanation of terms](#)

6/21/2006