

Address:
1815 N. Francis Dr., Hobbs, NM 88240
County: H
1301 W. Grand Avenue, Artesia, NM 88216
County: H
1060 Rio Brazos Road, Aztec, NM 87410
County: H
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
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCDD 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 ☒

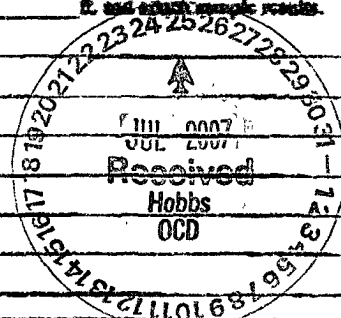
Operator: Siana Oil & Gas Co., LLC Telephone: 432-687-6600 e-mail address: bbrice@sianacoil.com
Address: P.O. Box 10303 Midland Texas 79705
Facility or well name: Newkumet Fm #1 API#: 30-08532937 U/L or Q/L: H Sec: 10 T: 23S R: 34E
County: Lea Latitude: 32°-19'-12.1" N Longitude: 103°-27'-55.9" W NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐
eleo. 3323

RM	Underground tank	
Final: Deletion <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/>	Volume: <u> </u> bbl Type of fluid: <u> </u>	
Workover <input type="checkbox"/> Emergency <input type="checkbox"/>	Construction material: <u> </u>	
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>	Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u> </u>	
Liner type: Synthetic <input type="checkbox"/> Thickness: <u>0</u> mil Clay <input type="checkbox"/>		
Pit Volume: <u>1522</u> bbl		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water) <u>280 Bgs</u>	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)	<u>0</u>
Wetland protection zone: (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)	<u>0</u>
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)	<u>0</u>
	Resulting Score (Total Points)	<u>0</u>

Submit a diagram showing: (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, test data and cost data. 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: See attached work plan



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 NMOCDD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Date: 6/29/07

Printed Name/Title: Richard D. Vandy MGR DRUG + PROD Signature: [Signature]

Your certification and NMOCDD 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: L. Johnson, ENVIRO ENGR

Signature: [Signature]

Date: 7-26-07



PHOENIX ENVIRONMENTAL LLC

P.O. Box 1856

2113 French Dr.

Hobbs, NM 88241-1856

Office 505-391-9685

Fax 505-391-9687

July 3, 2007

Sianna Oil & Gas Co. LLC.
P.O. Box 10303
Midland Tx. 79702

Attn: Mr. Richard Vannoy
Production Supervisor

**RE: Work Plan and Cost to Clean Up the Newkumet Fed # 1 Drill Pit
Located in U/L H Sec 10, T23S and R34E of Lea County, New Mexico**

Dear Mr. Vannoy:

Phoenix Environmental, LLC (Phoenix) would like to take this time to thank you and Sianna Operating, for the opportunity to provide our professional services. Please find attached our work plan for the above listed site.

If you have any questions and/or need more data in regards to projects please call at any time. My cell phone is 505-631-8323.

Sincerely,

Reynaldo Garza,
Sr. Project Manager
Phoenix Environmental LLC



Summary/Overview

The Newkumet Fed # 4 Drilling pit site should be completed and remediated in accordance with the standards of the NMOCD. It is our understanding that any potential contamination from the site was a result of leaching from the old existing drilling pit that was closed years ago.

The potential contaminates of concern are mid to high-level concentrations of drilling mud and cuttings that were left after drilling operations were completed and the old pit was closed.

The lands primary use is domestic pasture for ranching and the production of oil and gas.

The ground water depth data available for this area showed the depth to ground water to be in the 280' range BGS.

Pursuant to the standards of the NMOCD, the clean up level for this site will be at <5,000ppm of TPH, <50ppm for BTEX and Chlorides less than <250ppm.

The following scope of work was based on data from our site visit and the requirements of the NMOCD for site clean up.

Scope of Work for Entombment of Impacted Soils

NOTE: Phoenix, for the purpose of this work plan, will estimate that there is approximately 2,225cyds of impacted cuttings and caliche from the Drilling Pit at the site that needs to be addressed for site closure. This would involve the removal of the top three feet of impacted soils and re deep burying the impacted soils in place.

1. First Phoenix will call One-Call for line spot clearance before any excavation at the site is started.
2. Phoenix will mobilize to the site located in the Antelope Ridge area Southwest of Eunice, NM equipment and personnel necessary to start and complete the site remediation as required, getting the site back into compliance.



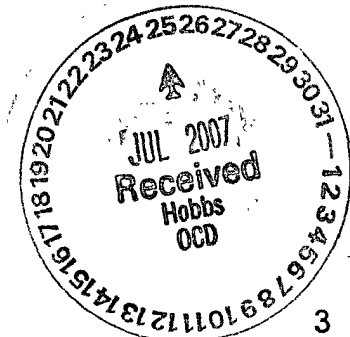
3. First the site will be cleared of brush and debris and a staging area set up for site control and safety.
4. Phoenix will excavate the tomb to hold the contents from the top three feet of the old Drilling Pit. While leaving the top of the impacted soils at a minimum of three feet below grade and lined with 12mil HDPE bottom. The size of the tomb will need to be 30x20x125 and will yield an estimated 2,778cyds of total material and will hold an estimated 2,333cyds of impacted soils.
5. Once the tomb area has been excavated it will be lined with 12mil HDPE bottom and sides. Impacted soils at the site will then be immobilized, transferred and placed in the lined tomb area until the top of the impacted soils are at a minimum of three feet below grade.
6. A 20mil sewn on top will be placed above the impacted soils before backfilling the tomb area.
7. Phoenix will field screen the site during the excavation and once the TPH and CL has dropped below clean up requirements final samples will be taken and sent to a third party lab for analysis.
8. Once all of the remediation criteria have been met for site closure and compliance, the site will be backfilled with clean material from the site. The site will be contoured with a slight crown to prevent the ponding of any rain water and reseeded.
9. Once all of the closure criteria have been met, a final closure report will be prepared by Phoenix. This report will include a summary of remediation operations, findings on-site and lab analysis, site maps and project photos.

If you have any questions and/or need more data in regards to this project please call 505-631-8323 at any time.

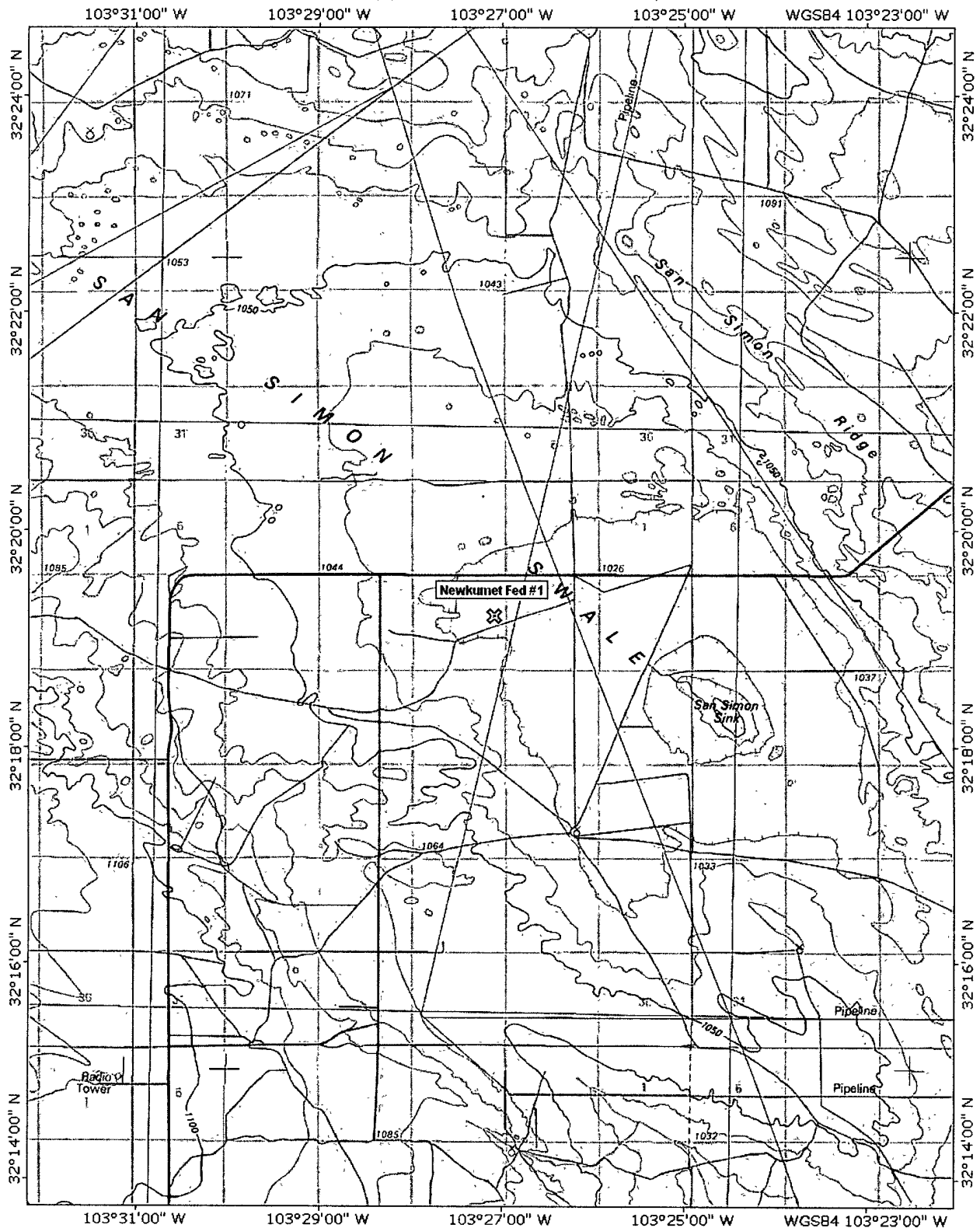
Sincerely,



Reynaldo Garza
Sr. Project Manager
Phoenix Environmental LLC



TOPO! map printed on 07/18/07 from "Untitled.tpo"

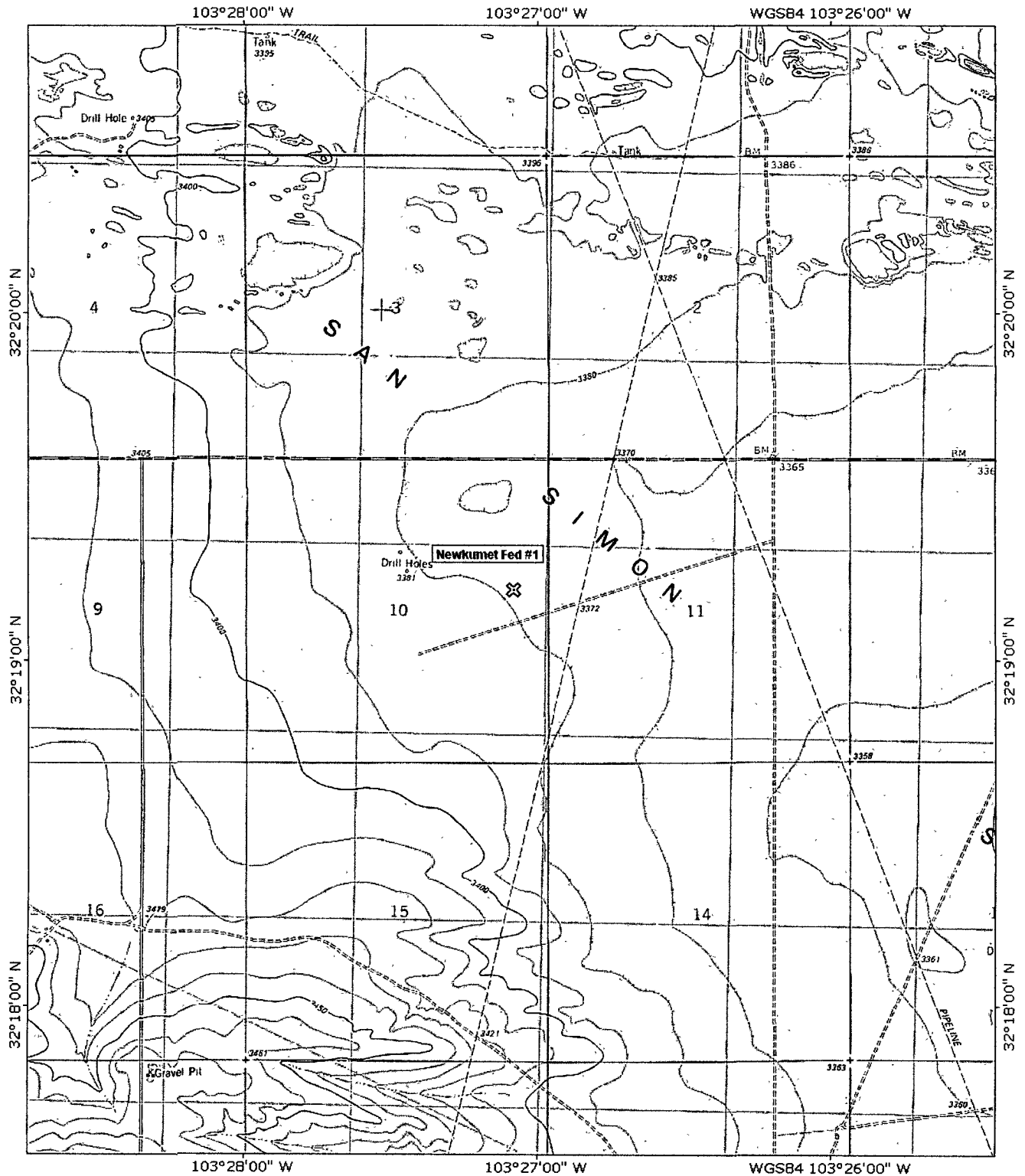


TN*MN
84°

00 05 10 15 20 25 30 35 miles
0 1 2 3 4 5 km
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



TOPOI map printed on 07/18/07 from "Untitled.tpo"



TN MN
84°

0 1000 FEET 0 500 1000 METERS
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