

strict I  
125 N. French Dr., Hobbs, NM 88240  
strict II  
1001 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>Arch Petroleum Inc.</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>Resler B #2</u>	API #: <u>30-025-36571</u> U/L or Qtr/Qtr <u>O</u> Sec <u>20</u> T <u>23S</u> R <u>37E</u>
County: <u>Lea</u>	Latitude <u>32:17:07N</u> Longitude <u>103:10.56.6W</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"/>	
<b>Pit</b> 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>6</u> mil Clay <input type="checkbox"/> Pit Volume <u>6000</u> bbl	<b>Below-grade tank</b> 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) 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 <input checked="" type="checkbox"/> (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 <input checked="" type="checkbox"/> (0 points) 0
Ranking Score (Total Points) <u>0</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: (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: Constructed before 4/15/04

Resubmitted to include the following: All suspected chloride impacted spots below the liner will be delineated to acceptable MCL limits. On 8/1/05 three sample points @ 8' bgl were 1844 ppm, 2472 ppm & 1880 ppm respectively. All chloride testing was done with a Hach Field Test kit. On 8/3/05 additional samples @ 11' were 820 ppm & 964 ppm. Samples take from point 2 on 08/05 and 08/08 were further delineated to 14' and 17' bgl. Ch concentration was 1296 ppm & 284 ppm respectively Arch will excavate a 10' diameter hole at sample point #2 starting @ 8' bgl to a depth of 15' bgl, backfill w/ clean soil to starting depth, cap with a 20 ml liner and backfill to grade with lean soil.

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: 08/19/05

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:

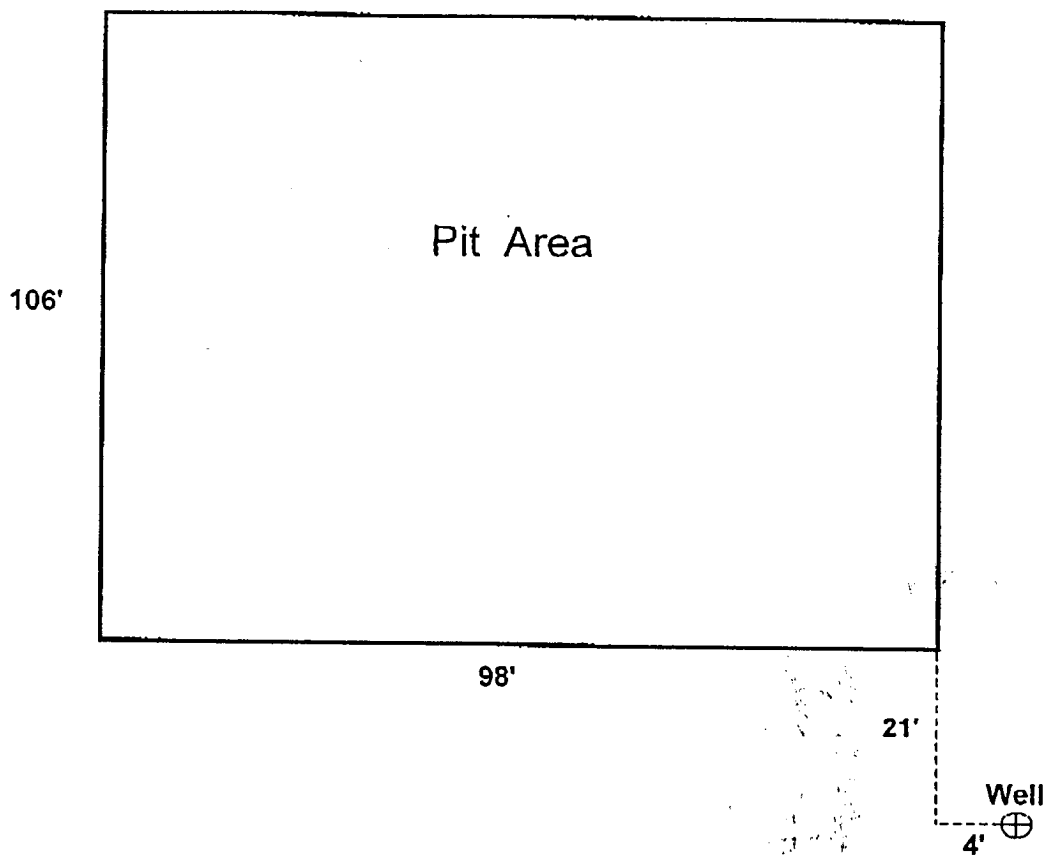
Printed Name/Title Paul Sheeley

Signature Paul Sheeley

ENVIRONMENTAL ENGINEER

Date: 8-23-05

RESLER "B" #2



0/20/235/37E

30-025-36571

N 32° 17' 07"

W 103° 10' 98"