

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

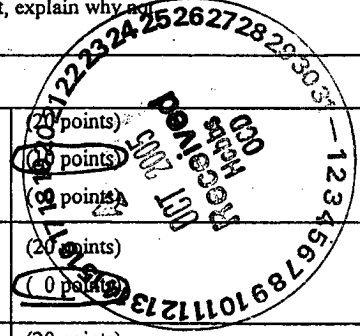
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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>Apache Corp.</u> Telephone: <u>918-491-4800</u> e-mail address: <u>sean.oy@leaco.net</u> | | |
| Address: <u>Two Warren Place Suite 1500, 6120 S. Yale Tulsa OK 74136-4224</u> | | |
| Facility or well name: <u>Southland Royalty A-20</u> API #: <u>30,025,37030</u> U/L or Qtr/Qtr <u>G</u> Sec <u>9</u> T <u>21</u> R <u>37</u> | | |
| County: <u>Lea</u> Latitude <u>32° 29' 48"</u> Longitude <u>103° 09' 59"</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>7100</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: _____ |  |
| Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>70 feet</u> | Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points) | |
| 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) <u>10</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: Trench bored on site. We plan to excavate a trench adjacent to the drilling pit, line with 12 mil plastic, put contents of drilling pit in trench, cover with 20 mil plastic and 3 ft of clean soil.
Notify OCD before starting and file summary notice after closing well. Begin soon after approval.

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: 10/17/05
Printed Name/Title: Eddie W. Seay Agent Signature: Eddie W. Seay

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.

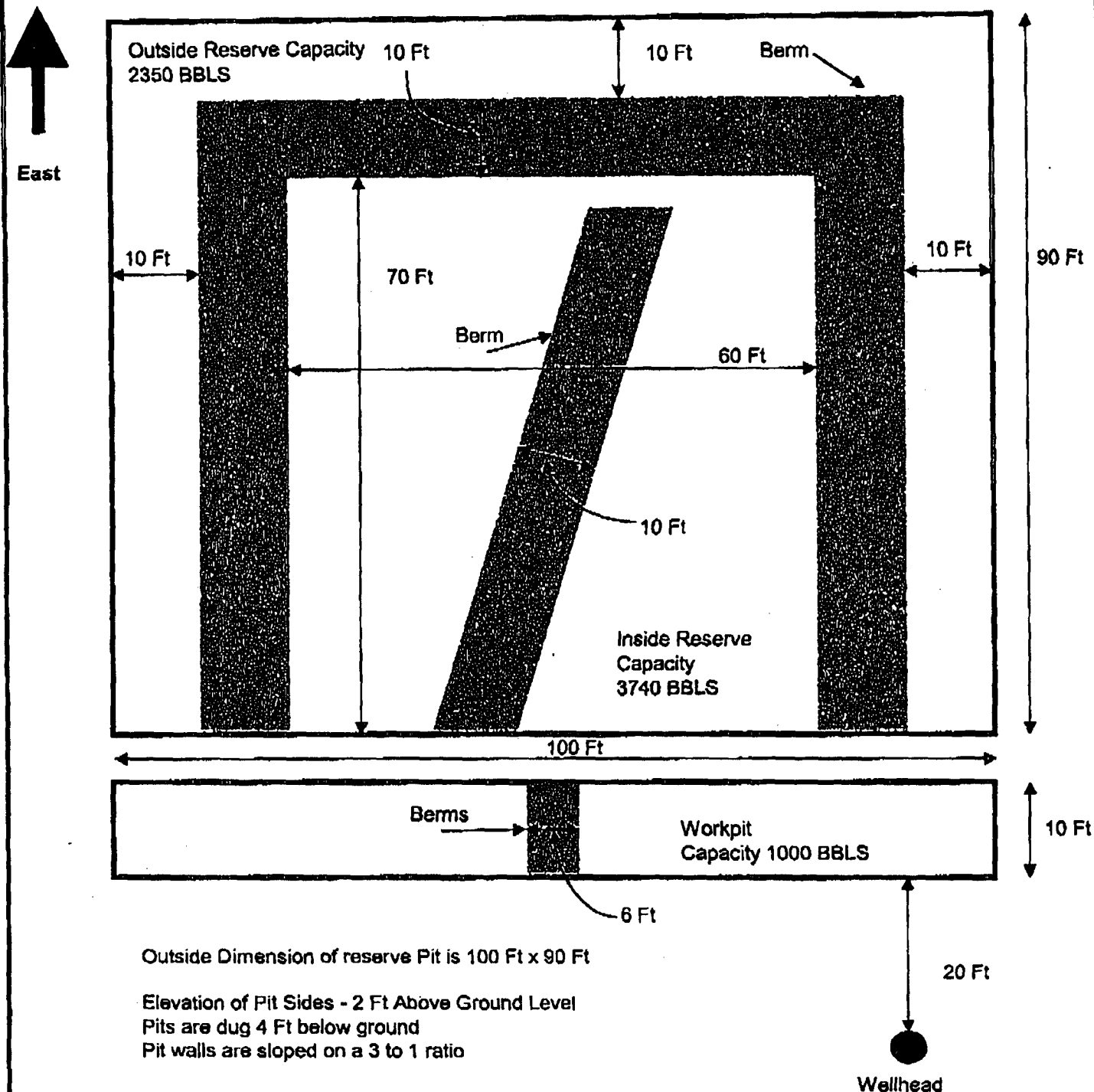
Approval:
Printed Name/Title: GARY W. WINK/STAFF MGR Signature: Gary W. Wink Date: 10/18/05

Luthland Royalty #20 - Mud Pits

Sec. 9, T 21S, R 37 E
Lea County, NM



Top Soil pushed back off of Reserve pit prior to digging pits



New Mexico Office of the State Engineer
Well Reports and DownloadsTownship: **21S** Range: **37E** Sections: NAD27 X: Y: Zone: Search Radius: County: Basin: Number: Suffix: Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic ☒ All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 10/14/2005

| Bsn | Tws | Rng | Sec | Zone | X | Y | Wells | (Depth Water in Feet) | | |
|-----|-----|-----|-----|------|--------|---------|-------|-----------------------|-----|-----|
| | | | | | | | | Min | Max | Avg |
| CP | 21S | 37E | 04 | | | | 2 | 75 | 75 | 75 |
| CP | 21S | 37E | 06 | | | | 1 | 73 | 73 | 73 |
| CP | 21S | 37E | 16 | | | | 1 | 70 | 70 | 70 |
| CP | 21S | 37E | 22 | | | | 1 | 53 | 53 | 53 |
| CP | 21S | 37E | 23 | | | | 1 | 65 | 65 | 65 |
| CP | 21S | 37E | 23 | | 924000 | 6600000 | 1 | 65 | 65 | 65 |
| CP | 21S | 37E | 27 | | | | 1 | 76 | 76 | 76 |
| CP | 21S | 37E | 28 | | | | 3 | 65 | 75 | 71 |
| CP | 21S | 37E | 33 | | | | 1 | 100 | 100 | 100 |

Record Count: 12