

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
June 1, 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 ☒

Operator: _____ BP America Production Company _____ Telephone: _____ 505-394-1600 _____ e-mail address: _____		
Address: _____ PO Box 1089 _____ Eunice, NM 88231 _____		
Facility or well name: _____ Sunflower 28 State #1 _____ API #: _____ 3002536695 _____ U/L or Qtr/Qtr _____ I _____ Sec _____ 28 _____ T _____ 17S _____ R _____ 34E _____		
County: _____ Lea _____ Latitude _____ 32° 48' 9.04" _____ N _____ Longitude _____ 103° 33' 31.05" _____ W _____ 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 _____ 20 _____ mil _____ Clay <input type="checkbox"/> Pit Volume _____ 13900 _____ 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) 0 (0 points) (125 – 130 ft)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) (> 1000 ft) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (585 ft) 10 (0 points)
Ranking Score (Total Points)		10

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: 1/14/2005

Printed Name/Title Margaret J Lowe Sr. Env. Engr. Signature Margaret J Lowe

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: 1/18/05

**BP America Production Company
Sunflower 28 State #1
Lea County, NM**

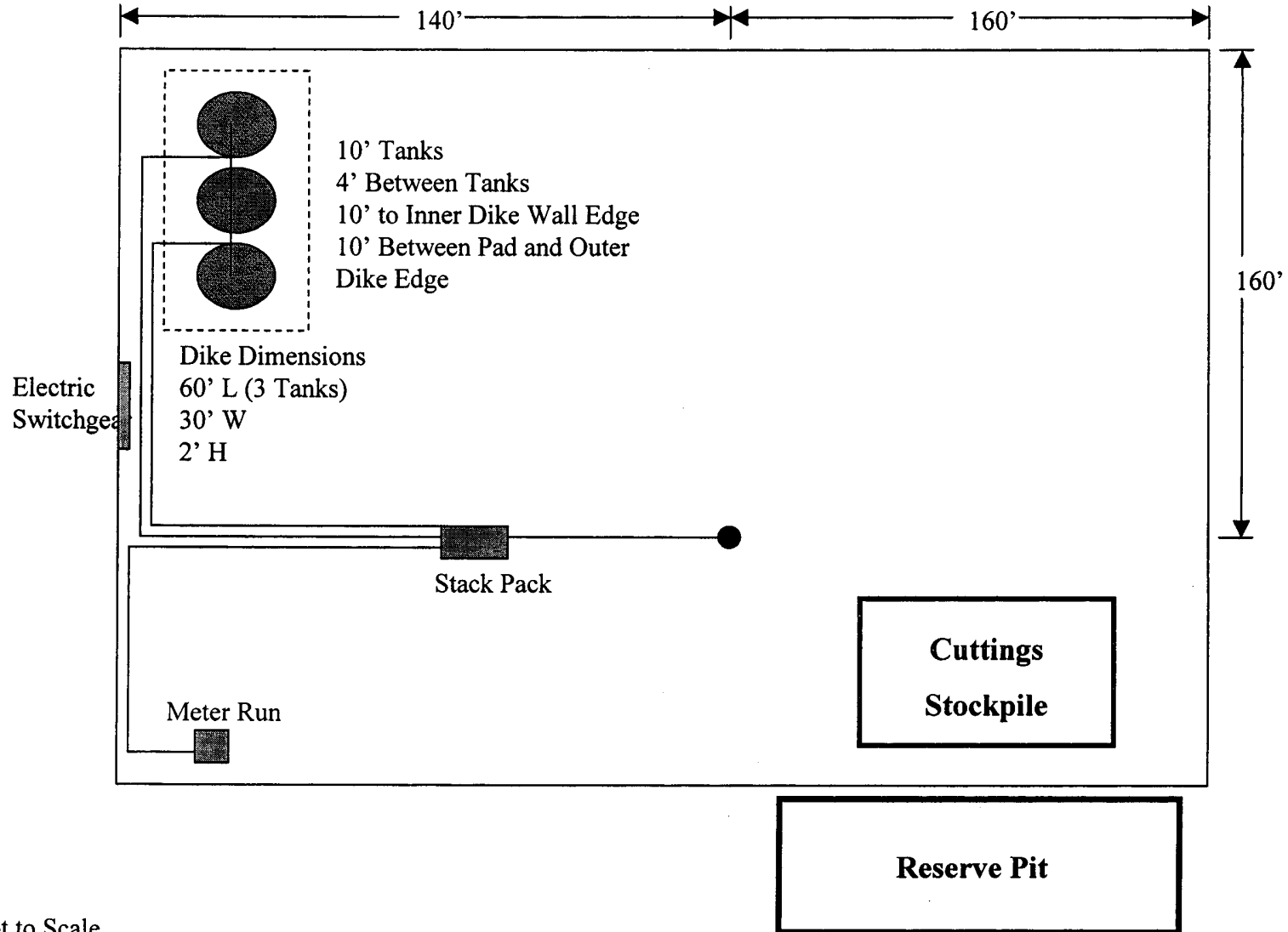
Pit Closure Plan

While flaring during completion work on the Sunflower 28 State # 1, the resultant heat from the flare melted part of the pit liner in the fresh water section of the pit. The part of the liner that melted was above the level of the cuttings in the pit. Although the liner under the cuttings remained intact, we propose removing the cuttings from the fresh water section. The fresh water section of the pit will then be dug deeper and relined, and the cuttings will be placed back in the pit. The edges of the liner will then be laid over the top of the cuttings. The remainder of the pit closure will follow OCD guidelines. The details of our plan are outlined below.

- 1) Cut liner on top of the brine pit (inside pit) walls and lay over top of cuttings.
- 2) Dig all of the cuttings out of the freshwater side of (outside pit) reserve pit and transfer onto a liner that will be placed on top of the location. If cuttings are not firm enough soil will be added to stiffen.
- 3) Dig down 3 - 5 feet deeper in the freshwater side of reserve pit.
- 4) Lay hay on bottom and sides of freshwater side of reserve pit,
- 5) if needed, and then line with 12-mil woven liner.
- 6) Transfer stiffened cuttings from stockpile and put back into freshwater side of reserve pit.
- 7) Fold excess liner over the top of freshwater side of reserve pit.
- 8) Add a layer of 20-mil woven liner to top of entire reserve pit leaving a 3-foot skirt around all edges.
- 9) Cover cap with 8 - 12 inches of good soil and then add 18 - 24 inches of caliche followed by enough additional soil to ensure a 3-foot cap is in place. Soil that is capable of handling native plant life will be used.

Sunflower 28 St. 1

BP America Production Co.



Not to Scale