

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

MAR 01 2005

COOR-ARTESIA

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes X No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank X

Operator: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@ypc.com  
Address: 105. South 4<sup>th</sup> street, Artesia, N.M. 88210  
Facility or well name: Barney BEF Fed. #1 API #: 30-015-26799 U/L or Qtr/Qtr O Sec 1 T 22s R 30e  
County: Eddy Latitude 32.41554 Longitude 103.83263 NAD: 1927 ☐ 1983 X  
Surface Owner: Federal X State Private Indian ☐

Pit	Below-grade tank	
Type: Drilling Production <input type="checkbox"/> Disposal <input type="checkbox"/> Work over X Emergency <input type="checkbox"/> Lined X Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Pit Volume NA bbl	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	( 0 points)X
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)X
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)X
Ranking Score (Total Points)		0 points

**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 X 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: Work plan for Closure of workover Pit. TD'ed @ 7808' final MW 9.2#. The liner will be folded over. The workover pit will be backfilled to grade using a minimum of 3' of clean soil and like material.

\* Amended C-144 form.

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: 3/1/2004

Printed Name/Title Lisa Nutter Signature ENV. COORD. / Environmental Dept.

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

Signature

MAR 2 2005

DR - RE-ENTRY

Page 2:

Yates Petroleum - Barney "BEF" Fed. #1 (Unit O) 1-22S-30E Eddy Co.,  
\*\*\*\*\*NM\*\*

Shut well in and shut down. DC \$4540; CC \$30,170

10-6-04 Drilled cement from 3640-3715'. Circulated clean. PUH with bit to 3600'. Shut well in and shut down. DC \$5190; CC \$35,360

10-7-04 Drilled cement from 3715-3830'. Fell out of cement. Circulated down from 3830-4024'. Circulate oil and gas for 30 mins after drilling thru cement. Pulled up hole to 3600'. Shut well in and shut down. DC \$5040; CC \$40,400

10-8-04 TIH with bit from 3600-4024'. Circulated hole clean with cut brine. TOOH with 2-7/8" drill pipe, 6 - 4-3/4" drill collars and mill tooth bit. Cleaned reverse unit steel pit and replaced with cut brine. TIH with 7-7/8" button bit, 10 - 4-3/4" drill collars and 2-7/8" drill pipe to depth of 3600'. Mixed and cut brine mud system. Shut well in and shut down. Mud system: MW 9.1, Vis 35, WL 15. DC \$14,940; CC \$55,340

10-9-04 TIH with bit to a depth of 4024'. Circulated down from 4024-7263'. Mixed mud and displaced hole with 35 vis mud. Pulled up into casing with bit. Shut well in. Shut down. MW 9.2; Vis 35; WL 12. DC \$11,440; CC \$66,780.

10-10-11-04 TIH with bit to a depth of 7263'. Circulated down from 7263-7450' and tagged fill. Drilled and circulated down from 7450-7570' and tagged cement plug. Circulated hole clean. Pulled up into casing with bit. Shut well in. Shut down. MW 9.3, Vis 35, WL 15. DC \$6040; CC \$72,820.

10-12-04 TIH with bit from 3600-7570'. Drilled cement from 7570-7615' (cement contaminating mud). Recondition mud. Pulled up into casing with bit. Shut well in and shut down. Mud system: MW 9.2, Vis 34, WL 12. DC \$5290; CC \$78,110

10-13-04 Dropped down with bit and tagged at 7615'. Drilled cement from 7615-7680'. Circulated contaminated mud and cement to pit. Mixed mud and re-conditioned. Pulled up into casing with bit. Shut well in and shut down. Mud system: MW 9.2, Vis 34, WL 13. DC \$5740; CC \$83,850

10-14-04 Changed tubing lines over from 4 lines to 6 lines on pulling unit blocks. Dropped down with bit from 3600-7680'. Tagged cement. Drilled cement from 7680-7726'. Fell out of cement. Circulated down from 7726-7761'. Circulated hole clean. Pulled up into casing with bit. Shut well in and shut down. Mud system: MW 9.2, Vis 35, WL 12. DC \$7540; CC \$91,390

10-15-04 TIH with 7-7/8" bit and drill string. Tagged at 7761'. Circulated heavy cuttings from 7761-7806'. Drilled 2' of new formation from 7806-7808'. TD 7808'. Circulated hole 4 hours. TOH standing drill pipe in derrick and laying down drill collars. Shut well in and shut down. Prep to run 5-1/2" casing. Mud system: MW 9.2, Vis 35, WL 12. DC \$5690; CC \$97,080

10-16-18-04 TIH with 7808' of 5-1/2" casing. 5-1/2" casing design shoe (7807'), shoe joint 42.98', float collar at 7761.13, 19 joints 5-1/2" 17#, 1 short joint 21.45, top at 6924.71, 11 joints 5-1/2" 17#, 147 joints 5-1/2", 15.5#, 4 joints 5-1/2" 17#. Set casing hanger. Rigged up Halliburton. Cemented casing with 200 bbls mud with 150 scf/bbls of N2, 250 sx Interfil-C, 650 sx Super H. Bump plug at 8:37 pm. Did not circulate. Shut well in. Shut down. Let cement set until Monday. Prep to lay down drill pipe. DC \$48,790; CC \$145,870.

10-19-04 Installed wellhead. Nippled up BOP. TIH with 2-7/8" AOH drill pipe. Laid down 7600' drill pipe. Shut well in and shut down. Prep to run bit and scraper. DC \$5140; CC \$151,010