

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: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@ypcnm.com  
Address: 105 South 4<sup>th</sup> Street, Artesia, N.M. 88210  
Facility or well name: Yarrow BHY State 1 API #: 30-025-37561 U/L or Qtr/Qtr A Sec 32 T 23S R 33E  
County: Lea Latitude 32.26555 Longitude 103.58846 NAD: 1927  1983   
Surface Owner: Federal  State  Private  Indian

Pit	Below-grade tank
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Work over <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>24,000</u> 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 (10 points) XXXX
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) XXXX
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) XXXX
<b>Ranking Score (Total Points)</b>	
<b>0 POINTS</b>	

**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 NA. (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: Closure work plan for drilling pit The drilling pit contents will be mixed to stiffen the pit contents. A encapsulation trench will be excavated and lined with a 12 mil synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil synthetic liner will then be placed over the pit contents with a minimum of a 3' over lap of the underlying trench areas. The encapsulation trench will then be backfilled to grade using a minimum of 3' of clean soil and like material. A one call and 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

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: 04/20/2006  
Printed Name/Title Mike Stubblefield / Regulatory Agent Signature Mike Stubblefield  
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: 4/27/06



New Mexico Office of the State Engineer  
 POD Reports and Downloads

YARROW BHT STATE 1

Township: 23S Range: 33E Sections: \_\_\_\_\_  
 NAD27 X: \_\_\_\_\_ Y: \_\_\_\_\_ Zone: \_\_\_\_\_ Search Radius: \_\_\_\_\_  
 County: \_\_\_\_\_ Basin: \_\_\_\_\_ Number: \_\_\_\_\_ Suffix: \_\_\_\_\_  
 Owner Name: (First) \_\_\_\_\_ (Last) \_\_\_\_\_  Non-Domestic  Domestic  
 All

AVERAGE DEPTH OF WATER REPORT 04/18/2006

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
C	23S	33E	19				2	400	400	400
C	23S	33E	20				1	400	400	400
C	23S	33E	25				1	225	225	225
C	23S	33E	26				2	225	225	225
C	23S	33E	28				4	400	400	400

Record Count: 10

USGS SEO TWN 19S-26S CHAVES LEA GW

FARROW BHT STATE 1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
3	UL	SEC	TWN	RNG	SPOT	COUNTY	SOURCE	USGS SITE NUM.	QTY	SITE LOCATION	DATE	LEVEL	DATUM	Formation	DEPTH	LAT	LON	SORT1	SORT2
2432	H	28	23S	33E	243	LEA	SEO		1	23S.33E.28.243		400.00			650.00			S23E33.28.243	
2433	N	28	23S	33E	343	LEA	SEO		1	23S.33E.28.343		400.00			650.00			S23E33.28.343	
2434	I	28	23S	33E	423	LEA	SEO		1	23S.33E.28.423		400.00			650.00			S23E33.28.423	
2435	P	28	23S	33E	443	LEA	SEO		1	23S.33E.28.443		400.00			545.00			S23E33.28.443	