

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: ELK OIL COMPANY Telephone: 505-623-3190 e-mail address: elkoil@pvtn.net
Address: POST OFFICE BOX 310, ROSWELL, NEW MEXICO 88202-0310
Facility or well name: COBRA FEDERAL #2 API #: 30-005-63735 U/L or Qtr/Qtr L Sec 19 T 11S R 27E
County: CHAVES Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private X Indian ☐

Pit	Below-grade tank
Type: Drilling X Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined X Unlined <input type="checkbox"/> Liner type: Synthetic X Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume _____ 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) XXX 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) 20

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 X If yes, show depth below ground surface 47 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. ENCAPSULATE IN PLACE, PULLING OVER THE LINER FROM SIDES OF PIT.
A 20 MIL. SYNTHETIC LINER WILL THEN BE PLACED OVER THE PIT CONTENTS. THE PIT WILL BE BACKFILLED, BACK TO GRADE, USING
A MINIMUM OF TOPSOIL AND LIKE MATERIAL. ATTACHED IS A DIAGRAM OF THE FACILITY. NOTICE WILL BE PROVIDED TO THE OCD
BEFORE PIT CLOSURE ACTION BEGINS. PLAN TO START WHEN PLAN IS APPROVED, FINISHING WITHIN 90 DAYS.

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: JANUARY 4, 2006

Printed Name/Title ELK OIL COMPANY, JOSEPH J. KELLY, PRESIDENT Signature _____

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 _____

Date: 1-5-06

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY Elk Oil

REPORT W05-272
DATE December 23, 2005
DISTRICT Hobbs

SUBMITTED BY Rocky Rey

WELL Cobra Federal 2 DEPTH _____ FORMATION _____
COUNTY ~~Lea~~ FIELD Test well on location SOURCE Test well on location

SAMPLE

Sample Temp.	<u>60</u>	°F	_____	°F	_____	°F	_____	°F
RESISTIVITY	<u>15.8</u>		_____		_____		_____	
SPECIFIC GR.	<u>1.000</u>		_____		_____		_____	
pH	<u>7.32</u>		_____		_____		_____	
CALCIUM	<u>1,250</u>	mpl	_____	mpl	_____	mpl	_____	mpl
MAGNESIUM	<u>630</u>	mpl	_____	mpl	_____	mpl	_____	mpl
CHLORIDE	<u>2,355</u>	mpl	_____	mpl	_____	mpl	_____	mpl
SULFATES	<u>2,568</u>	mpl	_____	mpl	_____	mpl	_____	mpl
BICARBONATES	<u>153</u>	mpl	_____	mpl	_____	mpl	_____	mpl
SOLUBLE IRON	<u>0</u>	mpl	_____	mpl	_____	mpl	_____	mpl
KCL								
Sodium	<u>188</u>	mpl	<u>0</u>	mpl	<u>0</u>	mpl	<u>0</u>	mpl
TDS	<u>7,144</u>	mpl	<u>0</u>	mpl	<u>0</u>	mpl	<u>0</u>	mpl
OIL GRAVITY	<u>@</u>	°F	<u>@</u>	°F	<u>@</u>	°F	<u>@</u>	°F

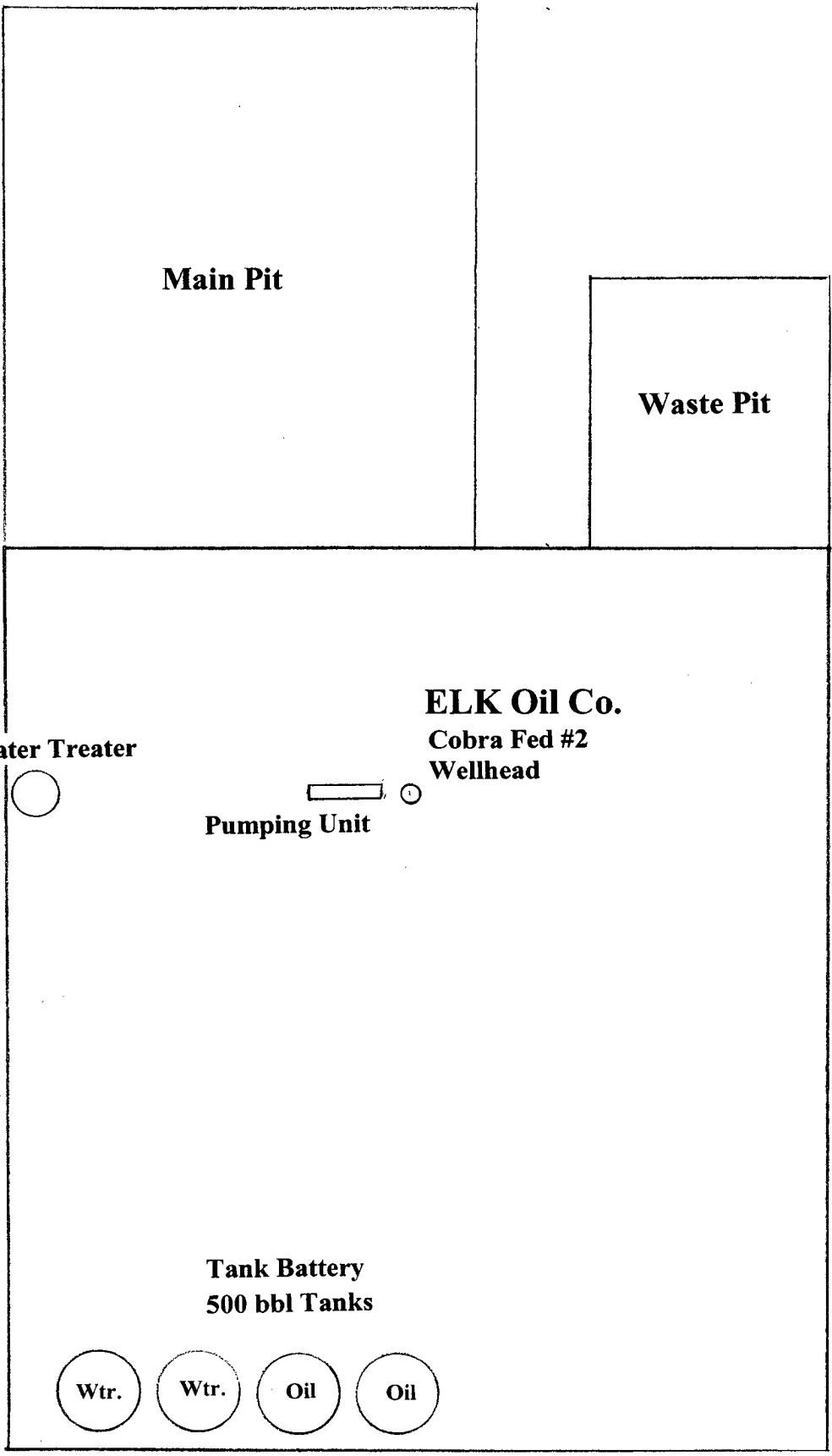
REMARKS:

MPL = Milligrams per liter

Resistivity measured in: Ohm/m2/m

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ANALYST: JE/JH/MB



Main Pit

Waste Pit

Heater Treater

Pumping Unit

**ELK Oil Co.
Cobra Fed #2
Wellhead**

Location Pad

**Tank Battery
500 bbl Tanks**

Wtr.

Wtr.

Oil

Oil