

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: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@ypc.com

Address: 105 South 4th Street, Artesia, N.M. 88210

Facility or well name: State 1 SWD 1 API #: 30-025-25686 U/L or Qtr/Qtr G Sec 3 T 9S R 32E

County: Lea Latitude 33.56276 Longitude 103.65671 NAD: 1927 ☐ 1983 ☒

Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

**Pit**  
Type: Drilling ☐ Production ☐ Disposal ☐  
Work over ☒ Emergency ☐  
Lined ☒ Unlined ☐  
Liner type: Synthetic ☐ Thickness 12 mil Clay ☐  
Pit Volume 1,000 bbl

**Below-grade tank**  
Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: \_\_\_\_\_  
Double-walled, with leak detection? Yes ☐ 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) XXXX
	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) 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
Ranking Score (Total Points)		10 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 ☒ 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.

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 UCD-approved plan ☐.

Date: 03/30/2005

Printed Name/Title Dan Nolan / Regulatory Agent

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

CHRIS WILLIAMS

Signature

Chris Williams

Date:

3/30/05

AFE Fin. 10-27-04

Y Dist 11-2-04

## Yates Petroleum Corporation

State 3 SWD No. 1  
2310' FNL & 1980' FEL  
Sec. 3-9S-32E  
Lea County, New Mexico

## Workover Procedure

WELL WON'T PASS MIT

TID: 11240'

PBDT: 11240' (Open Hole Completion)

AFE # 04-513-0

GL: 4406'

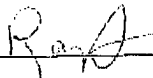
KB: NA

Surface Casing: 12 1/4" 49.5# casing at 375'. Cemented with 400 sx. Cement circulated.  
Intermediate Casing: 8 3/4" 24 & 28# casing at 3600'. Cemented with 800 sx. TOC 600'.  
Production Casing: 4 1/2" 11.6# at 11208'. Cemented with 625 sx. TOC 9806' by CBL.  
Injection Zone: Devonian open hole interval 11208-11240', Mississippian perms 10691-95,  
10703-23', 35-38', 10893-97'  
Packer: Packer @ 10583' on 2 3/4" plastic coated tubing.

NOTE: WELL WORK WAS PERFORMED IN 1998 TO REPAIR CASING LEAK. NO  
RECORD OF WHERE LEAK WAS LOCATED OR WHERE PACKER WAS ACTUALLY  
SET AFTER REPAIR.

- 1.) MIRU completion unit. Install BOP. Release packer and TOH with tubing and packer. Examine tubing and packer for defects.
- 2.) If no obvious problems are found with the tubing and packer, TIH with RBP and packer. Set RBP at 9500'. Test plug. Move up hole testing for casing leaks.
- 3.) If leak is found, establish injection rate and dump 10' of sand on RBP. TOH with packer.
- 4.) RIH with cement retainer and set about 30' above leak. Sting into retainer and squeeze leak with 100 sacks cement. Have an additional 100 sacks on location standby. Sting out of retainer, reverse clean, TOH and WOC.
- 5.) Rig up reverse unit and TIH with bit, collars and tubing. Drill out retainer and cement. Test squeeze to 500 psi. Resqueeze if necessary. Circulate clean and TOH. TIH with retrieving head and retrieve RBP.
- 6.) TIH with injection string and nickel plated packer on plastic 2 3/4" plastic coated tubing, testing tubing in hole. Set packer at 10600'. Load backside, test and turn over to production.

Operations Engineering Supervisor



Date 11-2-04

Sam Brandon

October 20, 2004

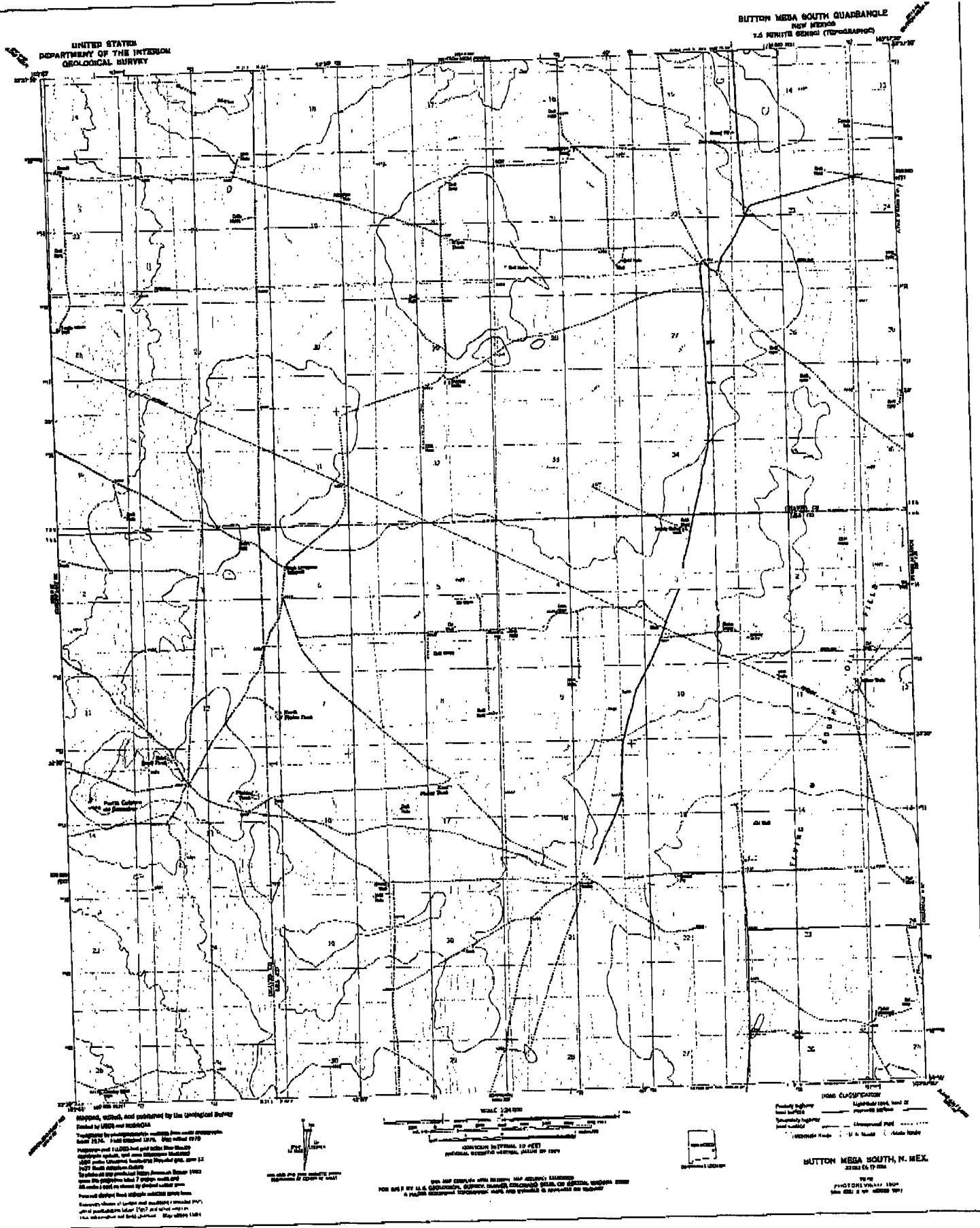
CC: Ray  
RonPinson  
ShannonGeorge  
StorniDyke (2)  
Master File

Dave

Cherry

*State 3 SWD 1*

COUNTY	SOURCE	USGS SITE NUM.	QTY	SITE LOCATION	DATE	LEVEL
LEA	SEO		1	09S.32E.04.34242	1957-06-09	89.00



*New Mexico Office of the State Engineer*  
**Well Reports and Downloads**

Township: 09S Range: 32E 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 03/30/2005**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg

No Records found, try again