

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 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: Palo Duro BCO State 1 API #: 30-015-32529 U/L or Qtr/Qtr I Sec 35 T 23S R 27E

County: Eddy Latitude 32.25948 Longitude 104.15413 NAD: 1927 ☐ 1983 X

Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

**Pit**

Type: Drilling X Production ☐ Disposal ☐

Work over ☐ Emergency ☐

Lined X Unlined ☐

Liner type: Synthetic ☐ Thickness 12 mil Clay ☐

Pit Volume 12,000 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ If not, explain why not.

RECEIVED

MAR 30 2005

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 X 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 encapsulation trench. The drilling pit contents will be mixed to stiffen the pit contents. 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 min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 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 X, or an (attached) alternative OCH-approved plan ☐.

Date: 03/29/2005

Printed Name/Title Dan Dolan / 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 Wild Sep ID

Signature 

APR 1 2005

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

*Palo Verde BCO St 1*

Township: 23S Range: 27E Sections: 35

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

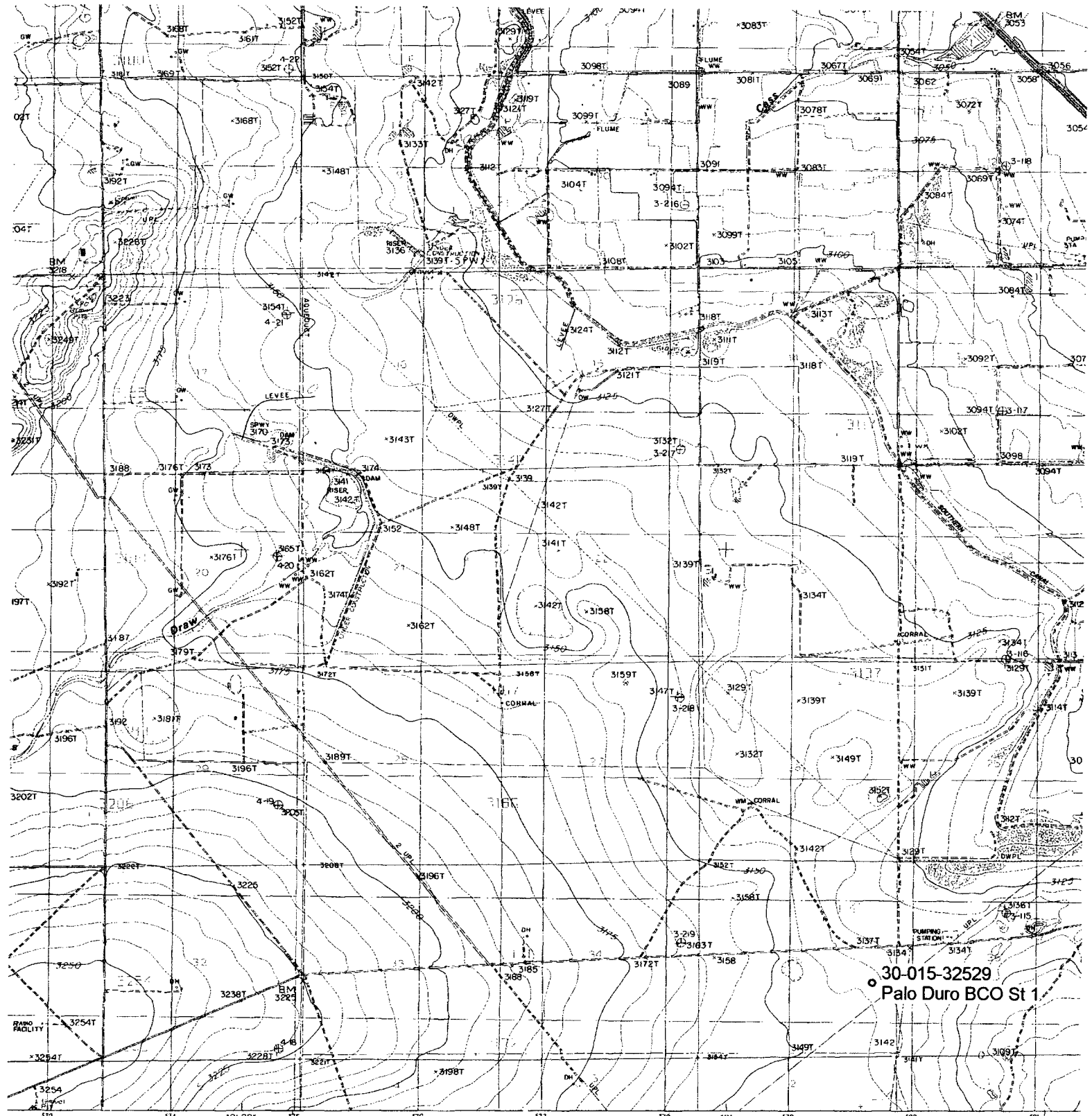
WATERS Menu

Help

**AVERAGE DEPTH OF WATER REPORT 03/29/2005**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
C	23S	27E	01				6	31	60	49
C	23S	27E	02				8	54	90	66
C	23S	27E	03				17	19	145	81
C	23S	27E	04				2	31	120	76
C	23S	27E	05				4		135	71
C	23S	27E	06				2	130	190	160
C	23S	27E	07				4	99	100	100
C	23S	27E	08				3	75	350	173
C	23S	27E	09				1	83	83	83
C	23S	27E	10				2	28	28	28
C	23S	27E	11				7	22	80	51
C	23S	27E	12				3	14	73	37
C	23S	27E	13				4	40	195	99
C	23S	27E	15				1	45	45	45
C	23S	27E	19				1	100	100	100
C	23S	27E	20				1	40	40	40
C	23S	27E	23				5	80	160	110
C	23S	27E	24				3	70	190	130
C	23S	27E	25				1	103	103	103
C	23S	27E	29				2	170	175	173
C	23S	27E	30				1	176	176	176
C	23S	27E	35				1	67	67	67

Record Count: 79



30-015-32529  
Palo Duro BCO St 1

SCALE 1:24 000



CONTOUR INTERVAL 5 FEET



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ADJOINING 7.5' QUADRANGLE NAMES

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Information shown as of date of  
field check.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

Improved Road  
Unimproved Road  
Trail  
Interstate Route

PI