

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Alamogordo, 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 4th Street, Artesia, N.M. 88210

Facility or well name: Sunflower "AHW" Federal #5 API #: 30-015-28160 U/L or Qtr/Qtr J Sec 31 T 19S R 24E

County: Eddy Latitude 32.61494 Longitude 104.62499 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 _____ 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)
100 feet or more (0 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

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 ☒ 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: Work plan for Registration of an encapsulation trench. The drilling pit material will be excavated & stockpiled. An 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.

The closed drilling pit area will be reseeded using BLM recommended seed mixture for the area.

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: 10/11/2006

Printed Name/Title Mike Stubblefield / 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

Signature

Date:

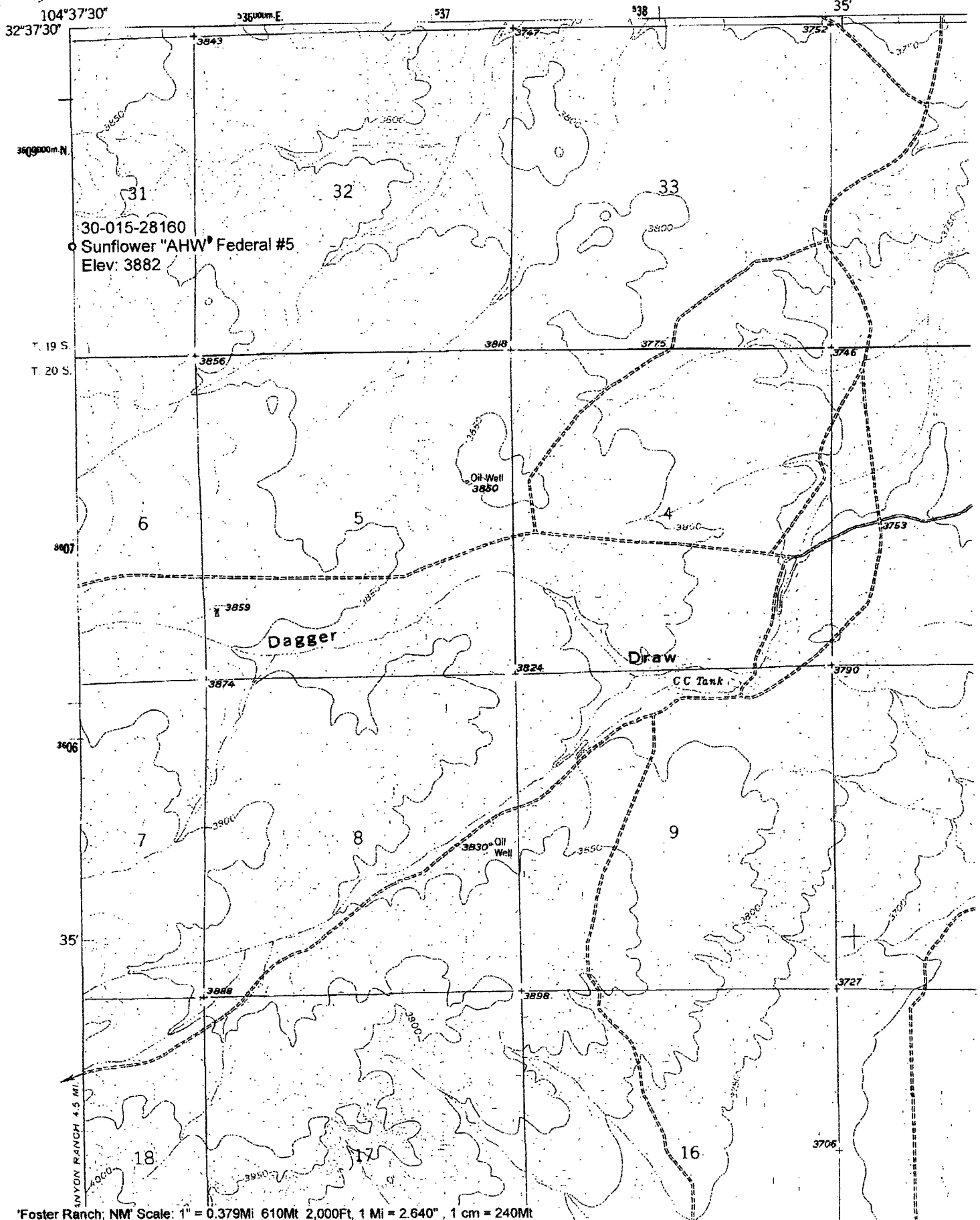
PIT CLOSURE FINAL

DATE 12/5/2006

Accepted for record - NMOCD

11/2/07

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



"Foster Ranch, NM" Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640" , 1 cm = 240Mt

New Mexico Office of the State Engineer
POD Reports and DownloadsSUNFLOWER 'AHW' FEDERAL
5

Township: 19S Range: 24E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic
☒ All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 10/11/2006

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
RA	19S	24E	10				1	335	335	335
RA	19S	24E	12				2	265	300	283
RA	19S	24E	16				1	25	25	25
RA	19S	24E	21				1	307	307	307
RA	19S	24E	26				1	322	322	322
RA	19S	24E	28				1	558	558	558
RA	19S	24E	34				1	270	270	270

Record Count: 8

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

S. P. YATES
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TREASURER

I certify that on 11/22/2006, tests were conducted on soil samples from the

30-015-28160 UT. 3 31-195-24c Sunflower AHW Fed. Com. #5

Following are the results of those tests.

	Northside D.P. Bottom excavated AREA 9' depth 0 mg/Kg.
EPA Method 9074, TPH	Southside D.P. Bottom excavated AREA 3' depth 0 mg/Kg.
	Northside D.P. Bottom excavated AREA 9' depth 340 mg/Kg.
EPA Method 9253	Southside D.P. Bottom excavated AREA 3' depth 510 mg/Kg.
	Northside D.P. Bottom excavated AREA 9' depth 0 mg/Kg.
PID Meter, BTEX	Southside D.P. Bottom excavated AREA 3' depth 0 mg/Kg.

All testing was done at Yates Petroleum Corporation or on location.

Respectfully,

Mike Stubblefield
Environmental Regulatory Agent