

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: D. J. Simmons, Inc. Telephone: 505 326-3753 e-mail address: rgriffee@djsimmonsinc.com

Address: 1009 Ridgeway Pl., Suite 200, Farmington, New Mexico 87401

Facility or well name: Byrne 24-1r API #: 30-039-27556 U/L Qtr E Sec 24 T 25N R 11W

County: Rio Arriba Latitude N36.23.21 Longitude 107.06.16 NAD: 1927 ☒ 1983 ☐ Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☒

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume N/A 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)

(0)

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)

(0)

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)

(0)

Ranking Score (Total Points)

(0)

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 . (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: One Pit Byrne # 24-1r Drilling Pit

Byrne #24-1r Sample Location Map for the drilling pit.

Byrne #24-1r Lab Analysis for the drilling pit.

Byrne #24-1r Location is outside the define area.

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: Dec 30, 2004

Printed Name/Title Robert R. Griffie/ Operations Manager

Signature Robert R. Griffie

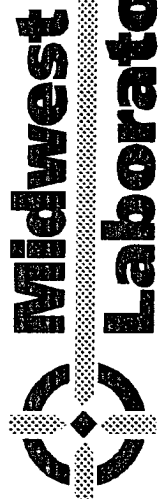
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. IV

Printed Name/Title

Signature Denny Keefe

Date: DEC 30 2004



Report Number
04-310-2258

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121

**Midwest
Laboratories, Inc.**

REPORT OF ANALYSIS

For: (6833) IINA BA
(505)325-5667

Date Reported: 11/05/04
Date Received: 10/26/04
Date Sampled: 10/21/04

Mail to: IINA BA
JUDY MOORE
612 MURRAY DRIVE
FARMINGTON NM 87401-

SOIL ANALYSIS

Lab number: 1024800 Sample ID: 0410043-001A BYRNE24-1R RESERVE PIT

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date
Sodium Adsorption Ratio	30.5			CALCULATED	jpt-10/26
Sodium (water soluble)	6,307	mg/L	1.0	SATURATED PASTE EXTRACT	bab-11/05
Magnesium (water soluble)	5.0	mg/L	1.0	SATURATED PASTE EXTRACT	bab-11/05
Calcium (water soluble)	3,235	mg/L	1.0	SATURATED PASTE EXTRACT	bab-11/05
Conductivity	69.3	mS/cm	0.01	SATURATED PASTE EXTRACT	dmg-10/28
Exchangeable sodium percentage	30.4	%	0.1	CALC.	jpt-10/26

Respectfully Submitted

Heather Ramig

Heather Ramig/Sue Ann Seitz/Rob Ferris
Client Services

The above analytical results apply only to the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

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P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

ANALYTICAL REPORT

Date: 05-Nov-04

CLIENT: D.J. Simmons Company
Work Order: 0410043
Project: Byrne 24-1R Reserve Pit
Lab ID: 0410043-001

Client Sample Info: Byrne 24 - 1R reserve pit
Client Sample ID: Small Bottle
Collection Date: 10/21/2004 1:00:00 PM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS						
T/R Hydrocarbons: C6-C10	22.8	4.50		mg/Kg	25	10/21/2004
AROMATIC VOLATILES BY GC/PID						
Benzene	ND	25		µg/Kg	25	10/30/2004
Ethylbenzene	42	25		µg/Kg	25	10/30/2004
m,p-Xylene	250	50		µg/Kg	25	10/30/2004
o-Xylene	85	25		µg/Kg	25	10/30/2004
Toluene	20	50	J	µg/Kg	25	10/30/2004
ANIONS BY ION CHROMATOGRAPHY						
Chloride	9030	20.0		ppm	200	10/30/2004

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit (PQL)

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted precision limits

E - Value above Upper Quantitation Limit - UQL

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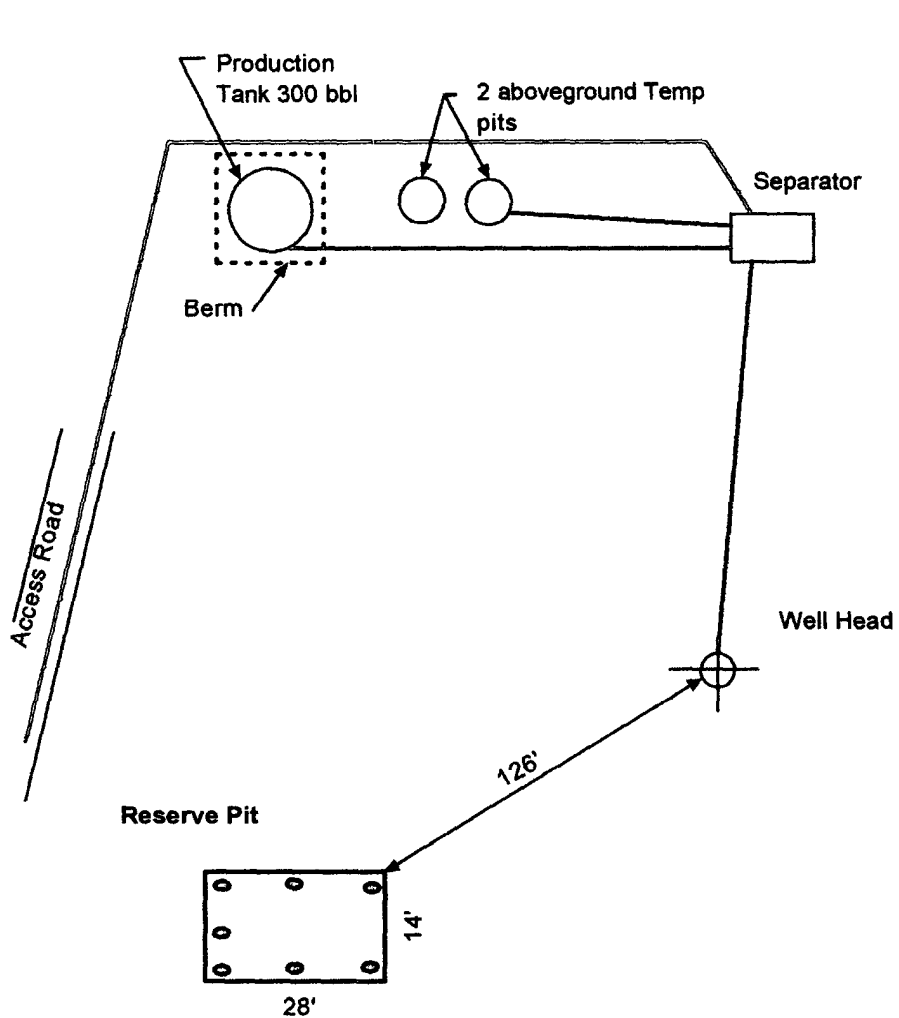
Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS		SW8015B		Analyst: JEM		
T/R Hydrocarbons: C6-C10	22.8	4.50		mg/Kg	25	10/21/2004
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: JEM		
Benzene	ND	25		µg/Kg	25	10/30/2004
Ethylbenzene	42	25		µg/Kg	25	10/30/2004
m,p-Xylene	250	50		µg/Kg	25	10/30/2004
o-Xylene	85	25		µg/Kg	25	10/30/2004
Toluene	20	50	J	µg/Kg	25	10/30/2004
ANIONS BY ION CHROMATOGRAPHY		E300 (E300)		Analyst: VDB		
Chloride	9030	20.0		ppm	200	10/30/2004

Qualifiers: ND - Not Detected at the Practical Quantitation Limit (PQL)
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
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Page 2 of 2

MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT



Legend

- Oil
- Water
- Gas
- Combined Fluids
- Sample Locations



DJ SIMMONS, INC.

DJ SIMMONS, INC.

1009 Ridgeway Place, Ste.200
Farmington, NM 87401
PH. 505 326 3753
FAX. 505 327 4659

Reviewed: KM

Approved: RRG

Drawn: CDS

Date: 11/30/04

Pit Closure Sample Location Map

Byrne 24-1r

Sec 24, T25N, R3W

1623' FNL x 956' FWL

Rio Arriba County, New Mexico