

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: Roddy Production Company, Inc. Telephone: 505 325-5750 e-mail address: _____
Address: P.O. Box 2221, Farmington, New Mexico 87499
Facility or well name: Lucerne Federal #2 API #: 30-045-29101 U/L or Qtr/Qtr D Sec 17 T 28N R 11W
County: San Juan County Latitude 36.66645 Longitude 108.03289 NAD: 1927 ☒ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☐

Workover ☒ Emergency ☐

Lined ☐ Unlined ☒

Liner type: Synthetic ☐ Thickness _____ 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** Lucerne Federal #6 Work over pit.

Lucerne Federal #2 Sample location map for the work over pit

Lucerne Federal #2 Lab analysis for work over pit.

Lucerne Federal #2 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: Nov 19, 2004 Printed Name/ Title: Robert R. Griffie, Operations Manager 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:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

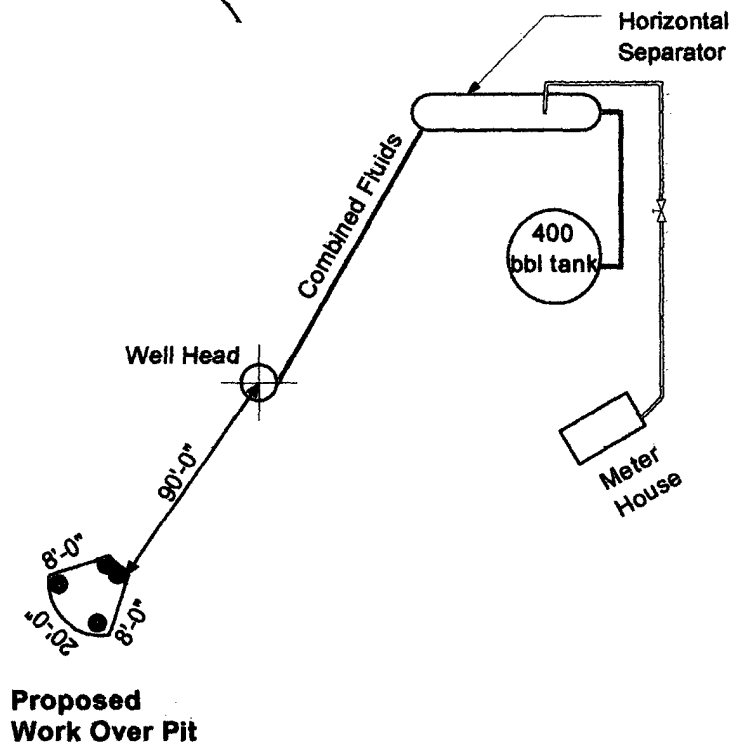
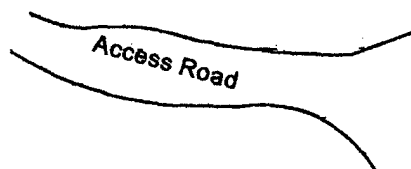
Printed Name/Title _____

Signature _____

DEC - 2 2004
Date: _____



N
NTS



Legend	
	Gas
	Water
	Oil
	Combined Fluids
	Sample Locations

Roddy Production Company, Inc.
P.O. Box 2221 Farmington, New Mexico 87499
Telephone: (505) 325 5750 (505) 325 5866

**Pit Closure Sample
location Map
Lucerene Federal # 2
Sec 17, T28N, R11W,
San Juan , County
Prepared by cds 11/08/04**

612 E. Murray Drive
Farmington, NM 87499

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

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iiná bá

Date: 03-Nov-04

CLIENT: D.J. Simmons Company

Project: Lucerne #2 Blowpit

Lab Order: 0410025

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

Silver analyzed by Hall Environmental due to instrument problems.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

Conductivity: 16.7 mmhos/cm (See Note 1)
Sodium Absorbance Ratio: 5.7 Calculated
Exchangeable Sodium Percentage: 6.7% Calculated

Note 1: Midwest Laboratories, Inc. reported conductivity units as mS/cm. By definition S = mho. Therefore, mS/cm = mmhos/cm. The Midwest Laboratories, Inc. results are shown here as mmhos/cm.



Report Number
04-303-2044

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

REPORT OF ANALYSIS

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

Date Reported: 10/29/04
Date Received: 10/14/04

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

SOIL ANALYSIS

Lab number: 1021356 Sample ID: 0410025-01A

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date
Sodium Adsorption Ratio	5.7			CALCULATED	jpt-10/29
Sodium (water soluble)	1,068	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-10/29
Magnesium (water soluble)	542	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-10/29
Calcium (water soluble)	1,731	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-10/29
Conductivity	16.7	mS/cm	0.01	SATURATED PASTE EXTRACT	dmg-10/27
Exchangeable sodium percentage	6.7	%	0.1	CALC.	jpt-10/14

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.

ANALYTICAL REPORT

Date: 03-Nov-04

CLIENT: D.J. Simmons Company
Work Order: 0410025
Project: Lucerne #2 Blowpit
Lab ID: 0410025-001

Client Sample Info: Lucern #2 Blowpit
Client Sample ID: Large sample
Collection Date: 10/13/2004 1:30:00 PM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: JEM
T/R Hydrocarbons: C10-C28	45.2	25.0		mg/Kg	1	10/23/2004
GASOLINE RANGE ORGANICS		SW8015B				Analyst: JEM
T/R Hydrocarbons: C6-C10	ND	4.50		mg/Kg	25	10/13/2004
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: JEM
Benzene	ND	25		µg/Kg	25	10/17/2004
Ethylbenzene	ND	25		µg/Kg	25	10/17/2004
m,p-Xylene	ND	50		µg/Kg	25	10/17/2004
Methyl tert-Butyl Ether	ND	250		µg/Kg	25	10/17/2004
o-Xylene	ND	25		µg/Kg	25	10/17/2004
Toluene	ND	50		µg/Kg	25	10/17/2004
TRACE METALS IN SOIL		SW6010B				Analyst: JEM
Arsenic	0.95	0.047		mg/Kg	1	10/25/2004
Barium	65	0.018		mg/Kg	1	10/25/2004
Cadmium	ND	0.014		mg/Kg	1	10/25/2004
Chromium	6.5	0.025		mg/Kg	1	10/25/2004
Lead	0.14	0.033		mg/Kg	1	10/24/2004
Selenium	0.063	0.044		mg/Kg	1	10/25/2004
Silver	ND	0.25		mg/Kg	1	11/3/2004
MERCURY, TOTAL		SW7471				Analyst: JEM
Mercury	0.040	0.180	J	mg/Kg	1	10/20/2004
ANIONS BY ION CHROMATOGRAPHY		E300				Analyst: VDB
Chloride	2520	20.0		ppm	200	10/15/2004

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