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: 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 #7 API #: 30-045-29405 U/L or Qtr/Qtr O Sec 10 T 28N R 11W
County: San Juan County Latitude 36. 64266 Longitude 108. 00649 NAD: 1927 ☒ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☒ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness _____mil Clay ☐ Pit Volume N/A bbl	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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (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 your 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 #7 Work over pit.

Lucerne Federal #7 Sample location map for the work over pit

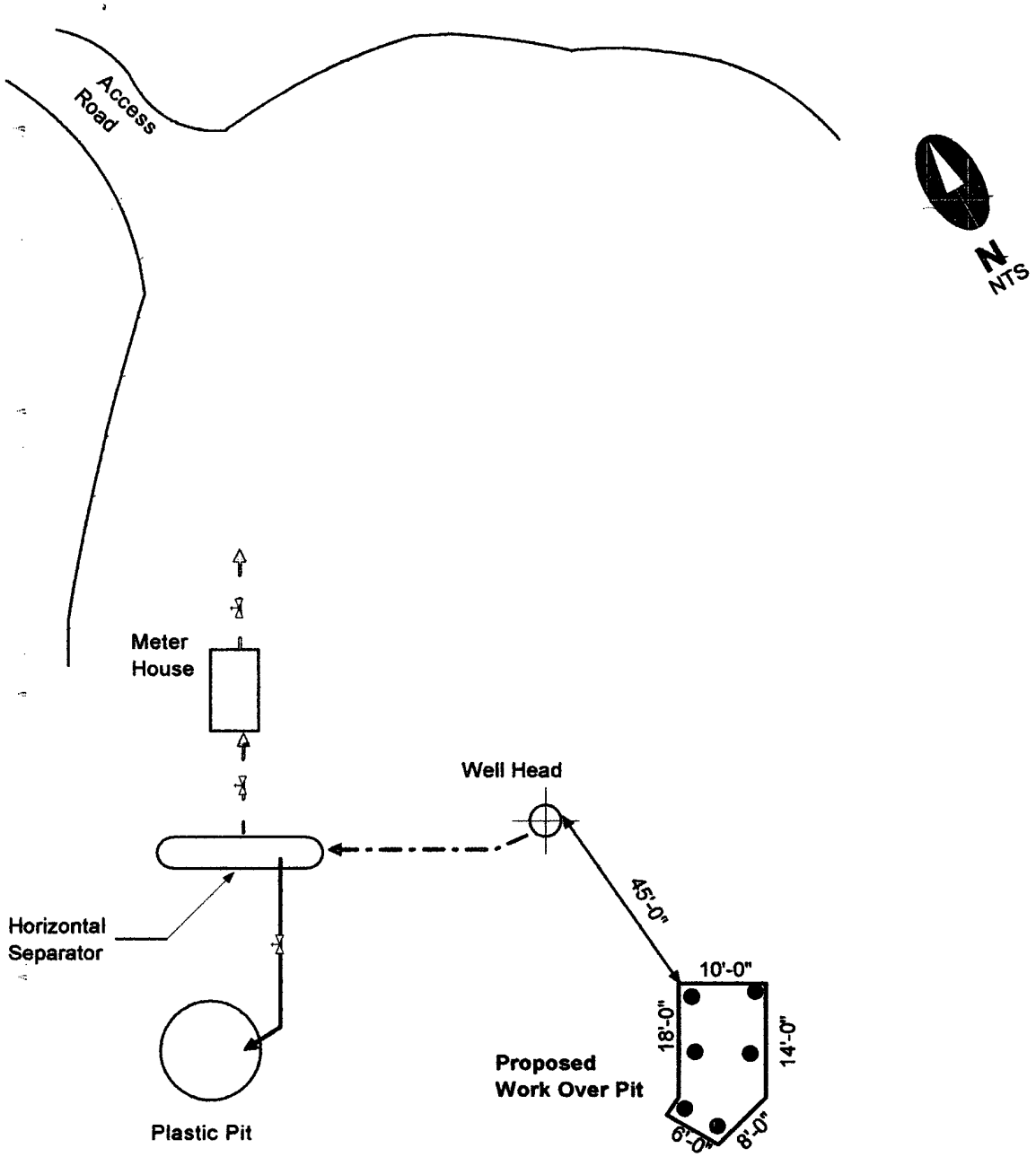
Lucerne Federal #7 Lab analysis for work over pit.

Lucerne Federal #7 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: Oct 13, 2004
Printed Name/ Title: Robert R. Griffee, Operations Manager Signature: Robert R. Griffee

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: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature: Jerry Fant Date: OCT 14 2004



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
Lucerne Federal # 7
790' FSL 2050' FEL
Sec 10, T28N, R11W
San Juan, County, NM
Prepared by cds 09/8/04

612 E.,Murray Drive
Farmington, NM 87401

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

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

October 06, 2004

Craig Starkey (ext. 14)
D.J. Simmons Company
1009 Ridgeway Pl. Suite 200
Farmington, NM 87401

TEL: (505) 326-3753
FAX (505) 327-4659

RE: Lucern #7 Workover Pit

Order No.: 0408026

Dear Craig Starkey (ext. 14):

iiná bá received 1 sample on 8/26/2004 for the analyses presented in the following report.

This certificate of analysis includes the Analytical Report(s) for the sample(s) received by the laboratory. A Quality Control Summary Report, the Sample Receipt Checklist and an executed Chain of Custody are included as an addendum to this report.

Should you have any questions regarding this certificate of analysis, please contact the laboratory at your convenience.

Report Approved By: Judy E Moore

Judy Moore
Laboratory Director

Edwina Aspaas
Quality Assurance Officer

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:** *06-Oct-04*

CLIENT: D.J. Simmons Company
Project: Lucern #7 Workover Pit
Lab Order: 0408026

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.

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.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.

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.

The selenium tests were performed three (3) times. All three (3) times, the Laboratory Control Standard (LCS) failed. Therefore, the batch results were not accepted. The samples have now exceeded their preparation hold time.

8015 Diesel samples were extracted by iina' ba'. Extract sample analyses were analyzed by subcontractor Hall Environmental Analysis Laboratory. The Hall Environmental Analysis Laboratory results were reported in iina' ba' analytical reports. The Hall Environmental Analysis Laboratory QA and QC reports are included.

Conductivty:	39.00 mmhos/cm (see Note 1)
Sodium adsorption ratio:	40.1 Calculated
Exchangeable sodium percentage:	36.7 Calculated

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

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

Date: *06-Oct-04*

CLIENT:	D.J. Simmons Company	**Client Sample ID:**	Lucerne #7
Lab Order:	0408026	**Tag Number:**	Lucerne #7 Workover Pit
Project:	Lucern #7 Workover Pit	**Collection Date:**	8/25/2004 5:30:00 PM
Lab ID:	0408026-001B **COC#:** 4299	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015B**				Analyst: **SUB**
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	9/22/2004
GASOLINE RANGE ORGANICS		**SW8015B**				Analyst: **JEM**
T/R Hydrocarbons: C6-C10	ND	4.50		mg/Kg	25	9/2/2004
Surr: Trifluorotoluene	87.4	84-149		%REC	25	9/2/2004
AROMATIC VOLATILES BY GC/PID		**SW8021B**				Analyst: **JEM**
Benzene	ND	25		µg/Kg	25	9/1/2004
Ethylbenzene	ND	25		µg/Kg	25	9/1/2004
m,p-Xylene	ND	50		µg/Kg	25	9/1/2004
Methyl tert-Butyl Ether	ND	250		µg/Kg	25	9/1/2004
o-Xylene	ND	25		µg/Kg	25	9/1/2004
Toluene	ND	50		µg/Kg	25	9/1/2004
Surr: 1,4-Difluorobenzene	82.1	75-110		%REC	25	9/1/2004
Surr: 4-Bromochlorobenzene	104	40-135		%REC	25	9/1/2004
Surr: Fluorobenzene	74.5	69-110		%REC	25	9/1/2004
TRACE METALS IN SOIL		**SW6010B**		**(SW3050B)**		Analyst: **JEM**
Arsenic	2.9	0.047		mg/Kg	1	10/5/2004
Barium	220	0.018		mg/Kg	1	10/5/2004
Cadmium	ND	0.014		mg/Kg	1	10/4/2004
Chromium	3.6	0.025		mg/Kg	1	10/4/2004
Lead	58	0.033		mg/Kg	1	10/4/2004
Selenium	ND	0.044		mg/Kg	1	10/6/2004
Silver	ND	0.0040		mg/Kg	1	10/4/2004
ANIONS BY ION CHROMATOGRAPHY		**E300**		**(E300)**		Analyst: **JEM**
Chloride	11300	100		ppm	1000	9/27/2004

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Report Number
04-247-2133

Midwest Laboratories, Inc.

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

REPORT OF ANALYSIS

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

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

Date Reported: 09/03/04
Date Received: 08/27/04
Date Sampled: 08/25/04

SOIL ANALYSIS

Lab number: 1006008 Sample ID: 0408026-001A LUCERNE #7
WORKOVER PIT

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date
Sodium Adsorption Ratio	40.1			CALCULATED	jpt-08/27
Sodium (water soluble)	6,678	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-08/31
Magnesium (water soluble)	251	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-08/31
Calcium (water soluble)	1,674	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-08/31
Conductance	39.00	mS/cm	0.002	EPA 120.1	dmg-09/02
Exchangeable sodium percentage	36.7	%	0.1	CALC.	jpt-08/27

Respectfully Submitted

Heather Ramig/Sue Ann Seitz/Rob Ferris
Client Services

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