

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: <u>Roddy Production, Company</u> Telephone: <u>505 325-5750</u> e-mail address: _____		
Address: <u>P.O. Box 2221, Farmington, NM 87499</u> Facility or well name: <u>Yockey #1</u> API #: <u>30-045-06350</u> U/L or Qtr/Qtr <u>P</u> Sec <u>20</u> T <u>27N</u> R <u>11W</u>		
County: <u>San Juan</u> Latitude <u>N36.55'664"</u> Longitude <u>W108.02'157"</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>N/A</u> bbl	Below-grade tank Volume: <u>N/A</u> bbl Type of fluid: <u>N/A</u> Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>N/A</u>	
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)

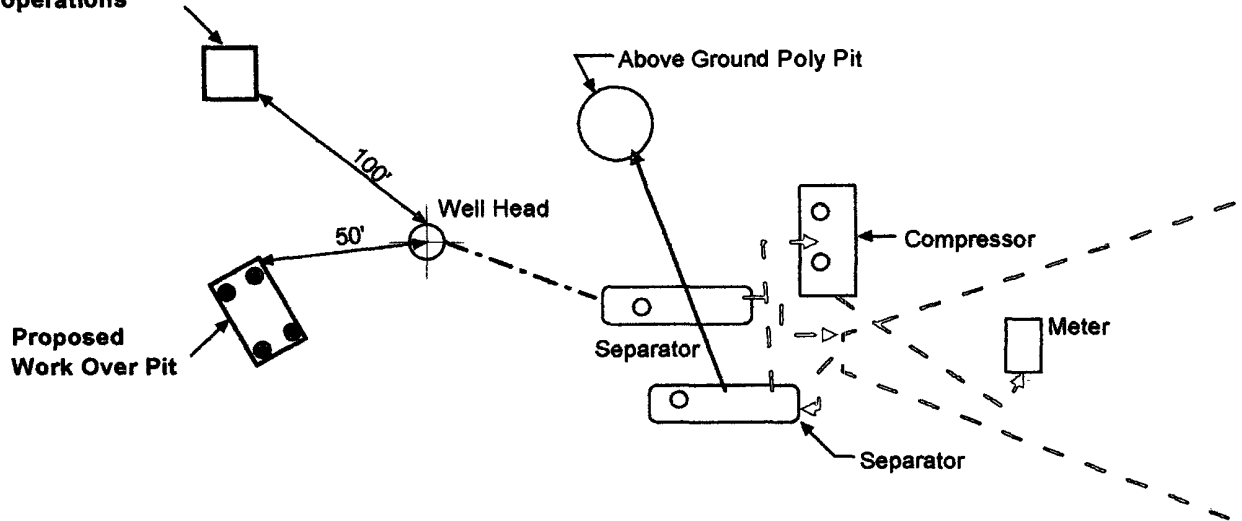
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility N/A. (3) Attach a general description of remedial 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: Enclosed are following documents : One Pit Yockey #1 Workover Pit
Yockey # 1 Sample location map for the Work Over Pit.
Yockey # 1 Lab analysis for the Work Over Pit.
Yockey #1 location is outside the define area of rule 50.
NOTE: Yockey #1 Blow Pit was not used during work over operations.

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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date: <u>Oct 8, 2004</u>	
Printed Name/Title <u>Robert R. Griffiee</u>	Signature <u>[Signature]</u>
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: <u>DEPUTY OIL & GAS INSPECTOR, DIST. #1</u>	
Printed Name/Title _____	Signature <u>[Signature]</u> Date: <u>OCT - 8 2004</u>



Note:
Proposed Blow Pit
 was not used during
 work over operations



Legend	
---	Gas
—	Water
—	Oil
---	Combined Fluids
●	Sample Location

Roddy Production Company, Inc.

P.O. BOX 2221 FARMINGTON, NEW MEXICO 87499
 TELEPHONE: (505) 325 5750 (505) 325 5866

**Pit Closure Sample
 location Map
 Yockey #1
 1190' FSL 1190' FEL
 Prepared by cds 09/14/04**

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



Date: 06-Oct-04

CLIENT: D.J. Simmons Company

Client Sample ID: YOCKEY #1

Lab Order: 0409002

Tag Number: Pit

Project: YOCKEY # 1

Collection Date: 8/31/2004 4:22:00 PM

Lab ID: 0409002-001A

COC#: 3770

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						Analyst: SUB
T/R Hydrocarbons: C10-C28	85.0	25.0		mg/Kg	1	9/22/2004
GASOLINE RANGE ORGANICS						Analyst: JEM
T/R Hydrocarbons: C6-C10	ND	4.50		mg/Kg	25	9/2/2004
Surr: Trifluorotoluene	86.7	84-149		%REC	25	9/2/2004
AROMATIC VOLATILES BY GC/PID						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	81.3	75-110		%REC	25	9/1/2004
Surr: 4-Bromochlorobenzene	93.7	40-135		%REC	25	9/1/2004
Surr: Fluorobenzene	74.1	69-110		%REC	25	9/1/2004
TRACE METALS IN SOIL						Analyst: JEM
						(SW3050B)
Arsenic	1.5	0.047		mg/Kg	1	10/5/2004
Barium	95	0.018		mg/Kg	1	10/5/2004
Cadmium	ND	0.014		mg/Kg	1	10/4/2004
Chromium	6.4	0.025		mg/Kg	1	10/4/2004
Lead	25	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						Analyst: JEM
						(E300)
Chloride	90300	1000		ppm	10000	9/27/2004

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Page 1 of 1

MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

612 E. Murray Drive
Farmington, NM 87499

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

iina' ba'

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iina' ba'

Date: 06-Oct-04

CLIENT: D.J. Simmons Company
Project: YOCKEY #1
Lab Order: 0409002

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.

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.

Conductivity: 335 mmhos/cm (see Note 1)
Sodium adsorption ratio: 50.9 Calculated
Exchangeable sodium percentage: 42.5 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
04-254-2251

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-

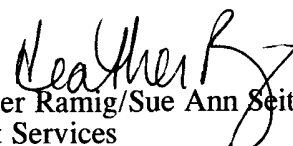
Date Reported: 09/10/04
Date Received: 09/03/04
Date Sampled: 08/31/04

SOIL ANALYSIS

Lab number: 1007980 Sample ID: 0409002-001B Yockey #1 Work Over Pit

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date
Sodium Adsorption Ratio	50.9			CALCULATED	jpt-09/03
Sodium (water soluble)	6,712	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-09/09
Magnesium (water soluble)	1.0	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-09/09
Calcium (water soluble)	1,312	mg/L	1.0	SATURATED PASTE EXTRACT	jpt-09/09
Conductivity	335	mS/cm	0.01	SATURATED PASTE EXTRACT	dmg-09/10
Exchangeable sodium percentage	42.5	%	0.1	CALC.	jpt-09/03

Respectfully Submitted


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.

Hall Environmental Analysis Laboratory

Date: 30-Sep-04

CLIENT:	iina ba, Ltd	Client Sample ID:	0409002-001A
Lab Order:	0409209	Tag Number:	
Project:	0409002	Collection Date:	8/31/2004 4:22:00 PM
Lab ID:	0409209-01A	Matrix:	EXTRACT

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	85	10		mg/Kg	1	9/23/2004 10:56:02 AM
Motor Oil Range Organics (MRO)	130	50		mg/Kg	1	9/23/2004 10:56:02 AM
Surr: o-Terphenyl	69.3	60-124		%REC	1	9/23/2004 10:56:02 AM

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