

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 X ☒

Operator: CHI Operating, Inc. Telephone: 432-685-5001 e-mail address: _____		
Address: P.O. Box 1799 Midland, Texas 79702		
Facility or well name: Rogers #1 API# 30-015-33670 U/L or Qtr/Qtr I Sec 29 T 22S R 27E		
County: Eddy Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private X <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
<b>RECEIVED</b> JUN 27 2005 OCCUPANCY		
<b>Pit</b> Type: Drilling X <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined X <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic X <input checked="" type="checkbox"/> Thickness 12/20 mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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) X
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) X
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) X (10 points) ( 0 points)
	Ranking Score (Total Points)	0 Points 20 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 X ☐ 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: Closure work plan for drilling pit. An encapsulation trench will be constructed and lined with 12 mil synthetic liner next to existing drilling pit. The drilling pit contents will be excavated and emplaced into the encapsulation trench using a mixture of two to one pit material and Class H bulk cement or CKD. The emulsion of pit material and cement will be mixed using a track hoe and water added if needed. After completion of solidifying pit material in cement and pit contents have set in place for a minimum of 24 hours, the encapsulation trench will then be capped using a 20 mil synthetic liner and backfilled to grade using a minimum of 3' of like material and clean soil. A one call and 48 hour notification to OCD will be made before pit closure action begins. Beginning pit closure date: N/A. Ending pit closure date: N/A
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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: 02-21-05

Printed Name/Title

Tim Rigger Agent

Signature

*Tim Rigger*

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

*Gail Sep 20*

Signature

*[Signature]*

JUN 29 2005



**ARDINAL  
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 181 E. MARLAND • HOBBS, NM 88240

ATTN: Tim

ANALYTICAL RESULTS FOR  
CHI ENERGY OPERATING  
ATTN: JOHN WOLF  
P.O. BOX 1799  
MIDLAND, TX 79702  
FAX TO:

Receiving Date: 05/04/05  
Reporting Date: 05/08/05  
Project Number: NOT GIVEN *chi Rogers #1*  
Project Name: NOT GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/04/05  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: AH  
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	Cl <sup>-</sup> (mg/Kg)
ANALYSIS DATE:		05/05/05	05/05/05
H9775-1	#1 SW OF PIT	<10	6640
H9775-2	#2 W OF PIT	<10	416
H9775-3	#3 NW OF PIT	<10	2130
H9775-4	#4 NE OF PIT	<10	3200
H9775-5	#5 E OF PIT	<10	4000
H9775-6	#6 SE OF PIT	<10	1710
H9775-7	#7 SSW OF PIT	118	4080
H9775-8	#8 SOUTH OF PIT	288	1020
H9775-9	#9 SSE OF PIT	17.3	658
H9775-10	#10 NNE OF PIT	251	20800
H9775-11	#11 NNW OF PIT	140	18200
H9775-12	#12 300' SOUTH OF PIT	<10	80
Quality Control		248	970
True Value QC		240	1000
% Recovery		103	97.0
Relative Percent Difference		7.3	3.5

METHODS: TPH-EPA 800/4-79-020 418.1; Cl-Std. Methods 4500-ClB

\*Analyses performed on 1:4 w/v aqueous extracts.

*Burton J. R. R. R.*  
Chemist

*5/16/05*  
Date

H9775.XLS

PLEASE NOTE: Liability and Reimbursement. Cardinal's liability and client's reduction remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other claim whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the analysis. Services, in so much as they constitute to be for incidental or consequential damages, including, without limitation, business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above-stated remedies or otherwise.



***New Mexico Office of the State Engineer***  
**Well Reports and Downloads**

Township:  Range:  Sections:

NAD27 X:  Y:  Zone:  Search Radius:

County:  Basin:  Number:  Suffix:

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

**AVERAGE DEPTH OF WATER REPORT 06/17/2005**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
C	22S	27E	29				4	66	90	77

Record Count: 4