

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: McKay Oil and Gas, LLC Telephone: 505.296-5508 e-mail address: \_\_\_\_\_  
Address: P.O. Box 14738 - Albuquerque, New Mexico 87191  
Facility or well name: McKay # 1 API # 30 045 21946 U/L or Qtr/Qtr K Sec 19 T 29N R 10W  
County: San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit	Below-grade tank
Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: <u>80</u> bbl Type of fluid: <u>water</u> Construction material: <u>steel</u> 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.)	<u>Less than 50 feet</u> (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)
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)
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)
Ranking Score (Total Points) <u>20</u>	

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 2 ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

MIDDLE OF TANK IS 35 Feet FROM WELLHEAD

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: 9-14-04

Printed Name/Title William J. Mayhew, Gen. Manager

Signature William J. Mayhew

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. #1

Printed Name/Title

Signature Derry Font

Date:

SEP 17 2004

## Hall Environmental Analysis Laboratory

Date: 04-Aug-04

CLIENT:	ina ba, Ltd	Client Sample ID:	0407035-001A
Lab Order:	0407165	Tag Number:	
Project:	0407035	Collection Date:	7/14/2004 5:00:00 PM
Lab ID:	0407165-01A	Matrix:	AQUEOUS

**MCKAY #1**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	7/22/2004 8:03:31 PM
Toluene	ND	0.50		µg/L	1	7/22/2004 8:03:31 PM
Ethylbenzene	ND	0.50		µg/L	1	7/22/2004 8:03:31 PM
Xylenes, Total	ND	0.50		µg/L	1	7/22/2004 8:03:31 PM
Sum: 4-Bromofluorobenzene	97.4	74-118		%REC	1	7/22/2004 8:03:31 PM

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

## Hall Environmental Analysis Laboratory

Date: 04-Aug-04

CLIENT:	iina ba, Ltd	Client Sample ID:	0407035-001C
Lab Order:	0407165	Tag Number:	
Project:	0407035	Collection Date:	7/14/2004 5:00:00 PM
Lab ID:	0407165-01B	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: MAP
Chloride	180	2.0		mg/L	20	8/3/2004 12:43:20 PM

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

**Hall Environmental Analysis Laboratory**

Date: 04-Aug-04

<b>CLIENT:</b>	iina ba, Ltd	<b>Client Sample ID:</b>	0407035-001B
<b>Lab Order:</b>	0407165	<b>Tag Number:</b>	
<b>Project:</b>	0407035	<b>Collection Date:</b>	7/14/2004 5:00:00 PM
<b>Lab ID:</b>	0407165-01C <b>MCKAY #1</b>	<b>Matrix:</b>	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 7470: MERCURY</b>						
Mercury	ND	0.00020		mg/L	1	Analyst: IC 7/23/2004
<b>EPA 6010C: TOTAL RECOVERABLE METALS</b>						
Arsenic	ND	0.020		mg/L	1	Analyst: NMO 7/21/2004 8:15:47 AM
Barium	0.14	0.020		mg/L	1	7/20/2004 2:05:57 PM
Cadmium	ND	0.0020		mg/L	1	7/20/2004 2:05:57 PM
Chromium	ND	0.0060		mg/L	1	7/20/2004 2:05:57 PM
Lead	ND	0.0050		mg/L	1	7/20/2004 2:05:57 PM
Selenium	ND	0.050		mg/L	1	7/21/2004 8:15:47 AM
Silver	ND	0.0050		mg/L	1	7/29/2004

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range