

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
March 12, 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: Merrion Oil & Gas Telephone: 505.324.5300 e-mail address: cdinning@merrion.bz

Address: 610 Reilly Ave., Farmington, NM 87401

Facility or well name: U Da Well No. 2 API #: 30-045-31280 U/L or Qtr/Qtr B Sec 2 T 31N R 8W

County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Volume _____ 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)

20

Ranking Score (Total Points)

20

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:

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.

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: 5/10/04

Printed Name/Title Connie Dinning/Production Engineer

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:

Date: MAY 13 2004

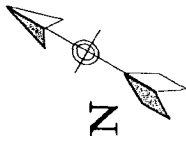
Printed Name/Title _____

Signature _____

MERRION OIL & GAS CORPORATION LOCATION EQUIPMENT LAYOUT

UDA WELL NO. 2

Location: 1055' fml & 2221' fel (nw ne)
Sec 2, T31N, R8W
San Juan County, New Mexico



Reserve Pit
Approximate
Dimensions
140' X 80'

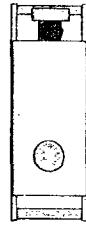
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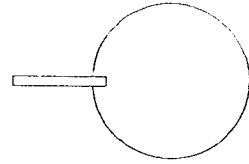
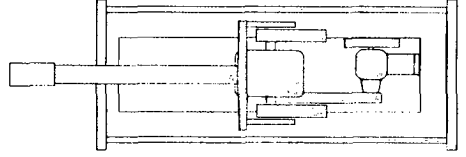
X

X

Separator



Pumping Unit
(on wellhead)



Produced water tank (on grade)

X - Indicates approximate location of solids sampling
Note: Drawing is not to scale, it is intended to show relative position of equipment on location

ANALYTICAL REPORT

Date: 20-May-04

CLIENT: Merrion Oil and Gas Corporation
Work Order: 0405006
Project: UDA Well 2
Lab ID: 0405006-001A

Client Sample Info: Merrion Oil & Gas
Client Sample ID: UDA Well 2
Collection Date: 5/6/2004 2:00:00 PM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: JEM		
Benzene	ND	25		µg/Kg	25	5/14/2004
Ethylbenzene	ND	25		µg/Kg	25	5/14/2004
m,p-Xylene	ND	50		µg/Kg	25	5/14/2004
o-Xylene	ND	25		µg/Kg	25	5/14/2004
Toluene	ND	50		µg/Kg	25	5/14/2004
ICP METALS, TOTAL		SW6010B (SW3050B)		Analyst: JEM		
Arsenic	5.23	2.36		mg/Kg	1	5/20/2004
Barium	1530	0.906		mg/Kg	1	5/20/2004
Cadmium	ND	0.704		mg/Kg	1	5/20/2004
Chromium	5.53	1.26		mg/Kg	1	5/20/2004
Lead	7.02	1.66		mg/Kg	1	5/20/2004
Selenium	ND	2.21		mg/Kg	1	5/20/2004
Silver	ND	0.201		mg/Kg	1	5/20/2004
MERCURY, TOTAL		SW7471 (SW7471)		Analyst: JEM		
Mercury	ND	0.018		mg/Kg	1	5/12/2004
ANIONS BY ION CHROMATOGRAPHY		E300 (E300)		Analyst: HNR		
Chloride	580	1.94		mg/Kg	20	5/13/2004

Qualifiers: ND - Not Detected at the Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit R - RPD outside accepted precision limits
B - Analyte detected in the associated Method Blank E - Value above Upper Quantitation Limit - UQL
H - Parameter exceeded Maximum Allowable Holding Time

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MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT