

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 ☐

OCT 17 2007

OCD-ARTESIA

Operator Mack Energy Telephone: (505) 748-1288 e-mail address: Jerry Sherrell [jerry@mackenergycorp.com]
Address: P.O. Box 960, Artesia, NM 88211-0960
Facility or well name: Colts Federal #1 API #: 30-015-35410 U/L or Qtr/Qtr lot 16 Sec 5 T-16-S R-29-E
County: Eddy Latitude 32.951500N Longitude 104.08904E NAD: 1927 X 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Pit Volume 3000 bbl	Below-grade tank 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.) 110'	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 0 100 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) 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 _____ (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

Pit closed by Trench Burial, Verbal approval to close given by Mike Bratcher on 10-9-2007

All material above 250 mg/Kg chloride removed from hole after testing and placed in lined trench Lab results and field sample results attached.

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: 10-16-2007
Printed Name/Title Signature Jerry W. Sherrell

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 _____ Signature Mike Bratcher Date: NOV 26 2007

Job Number:

3235

Client:

Well Name

Colts Federal #1

API#

30-015-35410

Depth of Pit

10'

Depth to

Groundwater

110'

Orientation of pit East

Dug out the center and NW corner, to 5' and placed in trench, verbal approval to close by Mike Bratcher, 10-9-2007

DNR- Did not run at lab.
BGS- Below Ground Surface
BPB- Below Pit Bottom

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

× NE SE ×

× _____ Indicates Sample Location
(Name by quarter i.e. NW, NE etc)

← Draw in North Arrow

Depth of pit in feet 8

Pit wall in feet _____

• NW

• SW ×

• Wellhead

Well Pad

Client: MACK ENERGY

Well
Name: COLTS FEDERAL #1

API# 30-015-35410

Report Date: October 15, 2007
3235

Work Order: 7100925
Mack Energy/Colts Fed #1

Page Number: 1 of 2
Eddy County, NM

Summary Report

Gary Miller
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX, 79705

Report Date: October 15, 2007

Work Order: 7100925



Project Location: Eddy County, NM
Project Name: Mack Energy/Colts Fed #1
Project Number: 3235

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
138810	NE 2'	soil	2007-10-08	00:00	2007-10-09
138811	NW 5'	soil	2007-10-08	00:00	2007-10-09
138812	SE 5'	soil	2007-10-08	00:00	2007-10-09
138813	SW 5'	soil	2007-10-08	00:00	2007-10-09
138814	Center 10'	soil	2007-10-08	00:00	2007-10-09

Sample: 138810 - NE 2'

Param	Flag	Result	Units	RL
Chloride		148	mg/Kg	2.00

Sample: 138811 - NW 5'

Param	Flag	Result	Units	RL
Chloride		330	mg/Kg	2.00

Sample: 138812 - SE 5'

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 138813 - SW 5'

Param	Flag	Result	Units	RL
Chloride		171	mg/Kg	2.00

Sample: 138814 - Center 10'

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296
This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: October 15, 2007
3235

Work Order: 7100925
Mack Energy/Colts Fed #1

Page Number: 2 of 2
Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		171	mg/Kg	2.00