

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

OCD ARBIA-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 ☒

AUG 30 2007

Operator: COG Operating LLC Telephone: 432-685-4340 e-mail address: pedwards@conchoresources.com
Address: Fasken Center Tower II, 550 W. Texas Ave., Suite 1300, Midland, TX 79701
Facility or well name: Aladdin 11 State #1 API #: 30-015-34654 U/L or Qtr/Qtr: K Sec: 11 T: 24S R: 23E
County Eddy Latitude: N 32° 13' 46" Longitude: W 104° 34' 17" NAD: 1927 ☐ 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: 35,000 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.) greater than 100'	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more - X (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 - X (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 - X (0 points) 0
	Ranking Score (Total Points) 0 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 ☒ 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 Closure Plan attached (8)

On June 13, 2007, Ike Tavaréz with Highlander Environmental Corp measured water level at an inactive windmill located approximately 0.6 mile northeast of Aladdin 11 State #1 well. The static water level depth was measured at 33 feet below surface. The surface elevation of windmill is 4278 feet. The surface elevation of the Aladdin 11 State #1 well is 4368 feet, 90 feet above the surface elevation of the windmill. Therefore, the depth to water at the Aladdin 11 State #1 well is projected at approximately 123 feet below surface.

Closed 8-20-07 - G. Miller HEC

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: 6-15-2007 Agent for COG

Printed Name/Title Robert McNeil

Signature

Robert McNeil

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:

Notify OCD 24 hours prior to beginning pit closure. - IF groundwater is encountered, notify OCD immediately

Signature

Signed By

W. L. Brannon

Date:

JUN 22 2007

Samples are to be obtained from pit area and analysis submitted to NMOCD prior to back-filling

Highlander Environmental Corp.

Pit Closure Sampling Report

Job Number: 2913
 Client: C.O.G.
 Well Name: ALADDIN "11" STATE #1
 API#: 30-015-34654
 Depth of Pit: _____
 Location and Depth of Background sample: _____

All pit sample depths are below pit bottom (BPB)

Sample Location	Depth (BPB)	Field Chloride Results (ppm)	Lab Chloride Results (ppm)
NORTH EAST	2'	3000 ppm	
"	5'	(200 ppm)	239
SOUTH EAST	2'	1880 ppm	
"	5'	4480 ppm	
"	10'	(1480 ppm)	2000
NORTH WEST	2'	(140 ppm)	115
SOUTH WEST	2'	440 ppm	
"	5'	(440 ppm)	434
CENTER	2'	1360 ppm	
"	5'	560 ppm	
"	10'	(180 ppm)	<100
BACKGROUND			

TOOK SAMPLE
 @ 5'
 200 ppm

TOOK SAMPLE
 TRACK HOE REFUSAL
 @ 10'
 1480 ppm

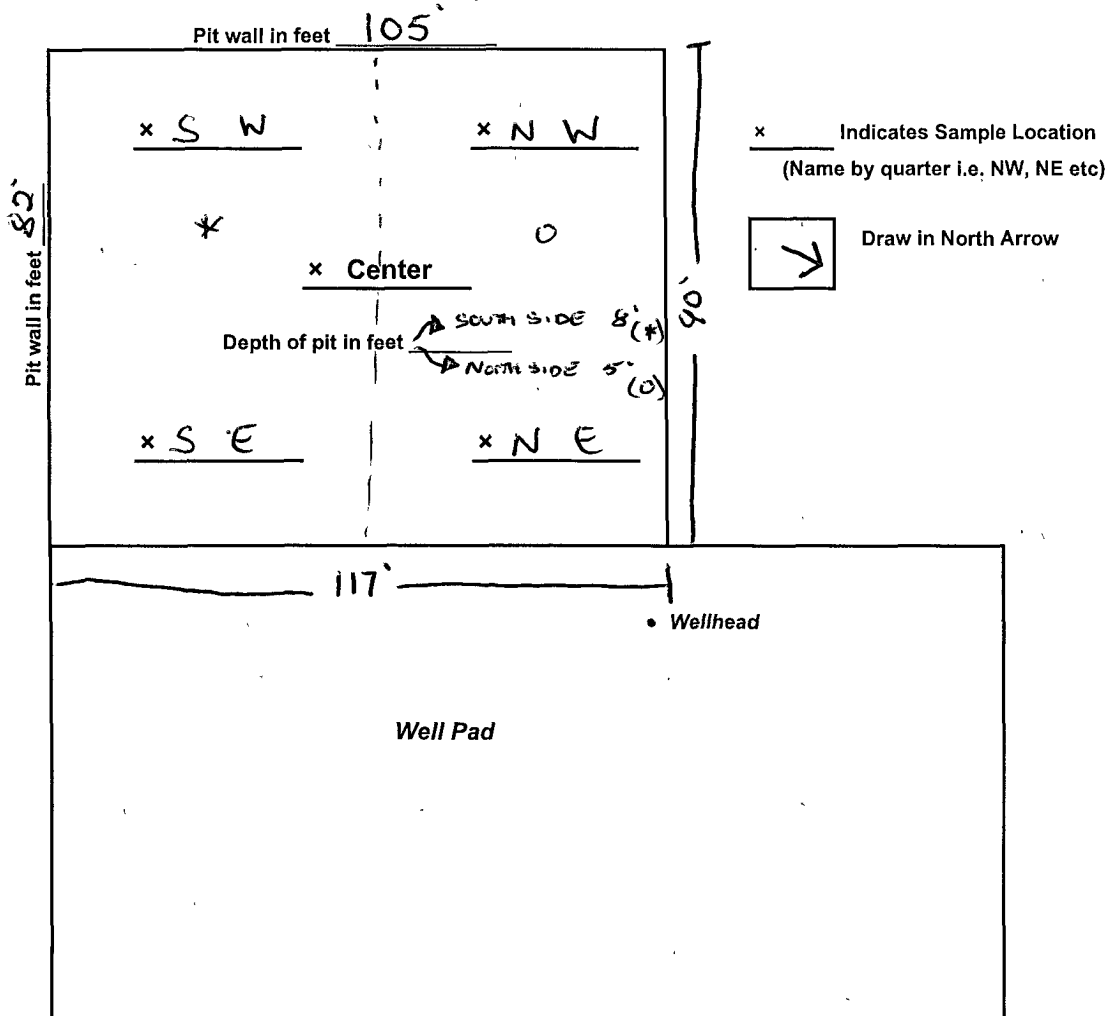
TOOK SAMPLE
 @ 2'
 140 ppm

TOOK SAMPLE
 TRACK HOE REFUSAL
 @ 5'
 440 ppm

TOOK SAMPLE
 @ 10'
 180 ppm

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

Highlander Environmental Corp.
Pit Sample Location Plat



Client: C.O.G.

Well Name: ALADDIN "11" STATE #1

API# 30-015-34654

32.22873

104.57283

Summary Report

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

Report Date: August 27, 2007

Work Order: 7082122



Project Location: Eddy County, NM
Project Name: COG-Aladdin 11 State #1
Project Number: 2913

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
133802	North East 5'	soil	2007-08-20	00:00	2007-08-21
133803	South East 10'	soil	2007-08-20	00:00	2007-08-21
133804	North West 2'	soil	2007-08-20	00:00	2007-08-21
133805	South West 5'	soil	2007-08-20	00:00	2007-08-21
133806	Center 10'	soil	2007-08-20	00:00	2007-08-21

Sample: 133802 - North East 5'

Param	Flag	Result	Units	RL
Chloride		239	mg/Kg	2.00

Sample: 133803 - South East 10'

Param	Flag	Result	Units	RL
Chloride		2000	mg/Kg	2.00

Sample: 133804 - North West 2'

Param	Flag	Result	Units	RL
Chloride		115	mg/Kg	2.00

Sample: 133805 - South West 5'

Param	Flag	Result	Units	RL
Chloride		434	mg/Kg	2.00

Sample: 133806 - Center 10'

Report Date: August 27, 2007
2913

Work Order: 7082122
COG-Aladdin 11 State #1

Page Number: 2 of 2
Eddy County, NM

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