

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 ☒

Operator: Armstrong Energy Corporation Telephone: 505-625-2222 e-mail address: bastubbs@zianet.com
Address: P.O. Box 1793, Roswell, NM 88202-1793
Facility or well name: MA Federal #1 API #: 30-005-21145 U/L or Qtr/Qtr J Sec 28 T 8S R 31E
County: Chaves Latitude 33.58925 Longitude 103.78002 NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐
Liner type: Synthetic ☒ Thickness 6 mil Clay ☐
Pit Volume 7,500 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.) Sec. 12-T12S-R26E, 130'

Less than 50 feet
50 feet or more, but less than 100 feet
100 feet or more

(20 points)
(10 points)
(0 points) XXX

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) XXX

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)
(10 points)
(0 points) XXX

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 your 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: **Work Plan for pit closure.** If necessary pit contents will be mixed with earthen material to stiffen contents. An encapsulation trench will be constructed and lined with a 12 mil synthetic liner. Pit contents will be removed to 3 feet below ground level and placed in the lined deep bury pit. A 20 mil synthetic barrier will then be placed over the deep bury pit contents and the reserve pit area with a 3 foot overlap of the underlying pit area. The pit area will be back filled back to grade with a minimum of 3 feet of clean soil and like material. A 48 hour notice prior to closure will be given to the Hobbs Oil Conservation Division Office and New Mexico One Call.

EXCAVATED PIT AREA TO BE COVERED W/ 20 MIL LINER

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: 4-4-07

Printed Name/Title Bruce A. Stubbs, Vice President - Operations Signature B. Stubbs

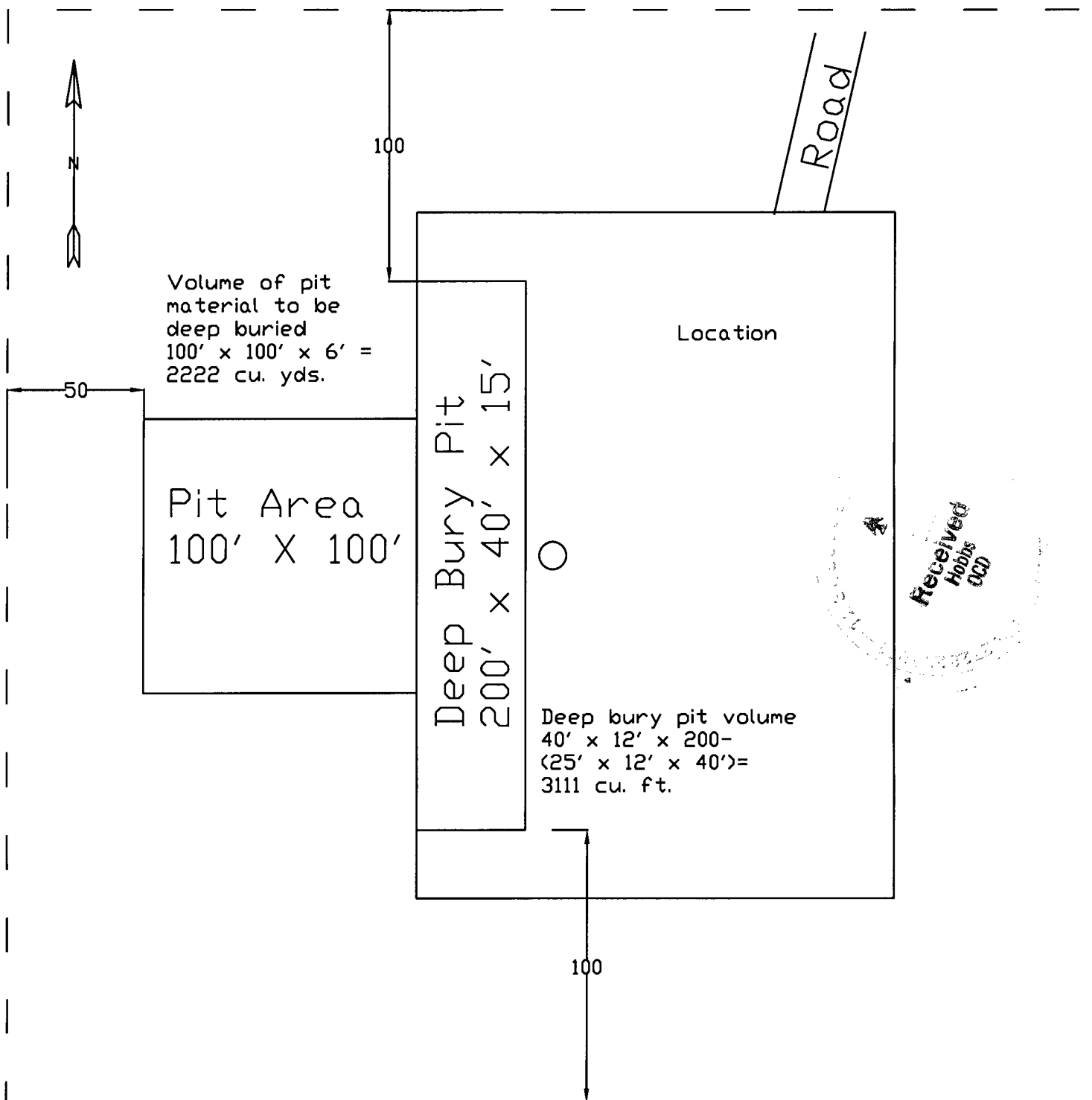
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title L. Johnson, ENVIRO ENGR

Signature L. Johnson

Date: 4-6-07



Area that is arch cleared is $400' \times 400'$ centered on the dryhole marker-
Do Not distured anything outside this boundary

Procedure

1. Dig deep bury pit $40' \times 200' \times 15'$
2. Line deep Bury Pit with 12 mil liner
3. Remove pit area to 3' below G.L.
4. Install 20 mil barrier on top of pits with 3' overlap of pit area.
5. Cover pits with 3' of clean soil.

Armstrong Energy Corporation
MA Federal #1
Sec. 28J-T8S-R31E
2070' FSL & 2291' FEL
Chaves County, New Mexico
Lat. 33.58925 Long. 103.78002

3-27-2007

BAS

Armstrong

ENERGY CORPORATION

500 NORTH MAIN STREET, SUITE 1000
P. O. BOX 1973
ROSWELL, NEW MEXICO 88202-1973
505/625-2222
FAX 505/622-2512

April 4, 2007

Mr. Larry Johnson
Oil Conservation Division
1625 N. French Dr.
Hobbs, New Mexico 88240

Re: Pit Closure
MA Federal #1
Section 28-T8S-R31E
Chaves County, New Mexico

Received
Hobbs
OCD

Dear Mr. Johnson:


Enclosed please find Armstrong Energy Corporation's C-144 for the closure of the drilling pit on the MA Federal #1. This is the well I talked to you about last week. It was drilled and tested in 1997 and plugged and abandoned in 1998. The BLM is restoring this area to enhance the prairie chicken habitat and has requested that the pit, road and location for this well be rehabilitated.

We propose removing the pit material to three (3) feet below ground level and burying the contents in a lined deep bury pit. A barrier, with three (3) feet of overlap, will be placed over both pits and the area backfilled with three (3) feet of clean top soil.

Should you have any questions concerning this project, please call me at 505-625-2222. Thank you for your help on this pit closure.

Sincerely,

ARMSTRONG ENERGY CORPORATION

By: 
Bruce A. Stubbs
Vice President - Operations

Enclosures
XC: Bob Armstrong
Joe Kelly