

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: **Black Hills Gas Resources** Telephone: **(505) 634-1111 ext 28** e-mail address: **dmanus@bhep.com**
Address: **3200 N 1st Street PO Box 249 Bloomfield, NM 87413**
Facility or well name: **Jicarilla 464-29 #716** API #: **30-039-29888** U/L or Qtr/Qtr **NE / NW Unit C** Sec **29** T **30 N** R **03 W**
County: **Rio Arriba** Latitude **36° 47' 19.65"N** Longitude **107° 10' 30.26"W** NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☒

Pit

Type: Drilling ☒ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐
Liner type: Synthetic ☒ Thickness **15** mil Clay ☐
Pit Volume **5,000** 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)**

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)

10 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: **Center of pit was 55° from north and 58 feet of well head.**

Soil sample were taken on south side edge of pit. See attached analytical.

On June 20, 2007 the Drilling Production Pit was backfilled and contoured to prevent ponding.

RCVD JUL 30 '07
OIL CONS. DIV.

DIST. 3

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: **7-30-07**

Printed Name/Title **Daniel R. Manus / Regulatory Technician**

Signature

Daniel Manus

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,
District #3

Printed Name/Title

Signature

Bob Bell

AUG 30 2007
Date:



Sample Analysis Report

CLIENT: Black Hills Gas Resources

3200 North 1st Street

PO Box 249

Bloomfield, NM 87413

Date Reported: 6/19/2007

Report ID: O0706036001

Project: Jicavilla 464-29 #716

Lab ID: O0706036-005

Client Sample ID: 716SS1

Matrix: Soil

Work Order: O0706036

Collection Date: 6/13/2007 2:36:00 PM

Date Received: 6/15/2007 11:00:00 AM

| Analyses | Result | PQL | Limits | Qual | Units | Date Analyzed/Init |
|---|--------|------|--------|------|-------|--|
| 8021B MBTEXN-Soil | | | | | | |
| Benzene | ND | 0.50 | | | mg/Kg | Prep Date: 6/17/2007 06/18/2007 MAB |
| Toluene | ND | 0.50 | | | mg/Kg | 06/18/2007 MAB |
| Ethylbenzene | ND | 0.50 | | | mg/Kg | 06/18/2007 MAB |
| m,p-Xylenes | ND | 1.0 | | | mg/Kg | 06/18/2007 MAB |
| o-Xylene | ND | 0.50 | | | mg/Kg | 06/18/2007 MAB |
| Surr: 4-Bromofluorobenzene | 103 | | 73-137 | | %REC | 06/18/2007 MAB |
| 8015B Gasoline Range Organics-Soil | | | | | | |
| Gasoline Range Organics (nC6-nC10) | ND | 10 | | | mg/Kg | Prep Date: 6/17/2007 06/18/2007 MAB |
| Surr: 4-Bromofluorobenzene | 104 | | 72-139 | | %REC | 06/18/2007 MAB |
| 8015B Diesel Range Organics-Soil | | | | | | |
| Diesel Range Organics (nC10-nC32) | 430 | 20 | | | mg/Kg | Prep Date: 6/18/2007 06/18/2007 BW |
| Surr: o-Terphenyl | 86.4 | | 69-109 | | %REC | 06/18/2007 BW |

These results apply only to the samples tested.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Diluted out of recovery limit
- H Holding times for preparation or analysis exceeded
- M Matrix Effect
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit

Reviewed by:

Hillary Gagliano, Project Manager