

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

RECEIVED

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUL 15 2004

Submit to appropriate District Office

OCD-ARTESIA

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|--|---|
| ¹ Operator Name and Address Brothers Production Company, Inc. P.O. Box 7515, Midland, TX 79708 | | ² OGRID Number 2936 |
| ³ Property Code | | ⁴ Property Name Two Forks State |
| ⁵ Proposed Pool 1 Bear Grass Draw, Atoka, West | | ⁶ Well No. 1 |
| ⁷ Proposed Pool 2 | | |

⁷ Surface Location

| | | | | | | | | | |
|---------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot no. | Section 2 | Township 18S | Range 28E | Lot Idn | Feet from the 660 | North/South line North | Feet from the 2090 | East/West line East | County Eddy |
|---------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

⁸ Proposed Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

Additional Well Information

| | | | | |
|--|---------------------------------------|--|------------------------------------|--|
| ¹¹ Work Type Code P | ¹² Well Type Code G | ¹³ Cable/Rotary NA | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3646 |
| ¹⁶ Multiple NO | ¹⁷ Proposed Depth 10400 | ¹⁸ Formation Atoka | ¹⁹ Contractor NA | ²⁰ Spud Date NA |
| Depth to Groundwater | | Distance from nearest fresh water well | | Distance from nearest surface water |
| Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: _____ | | | | |
| Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/> | | | | |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| | | | | | |
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| | | | | | |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

- 1) Plug back from Morrow perms 10680-10710' with a CIBP + cmt @ 10600'
 - 2) Perforate Atoka @ 10350-10370'
 - 3) Acidize and frac as necessary
- Dual ram 5000 psi BOP will be used.

NSL- S086

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

Jim W. Lamm

Printed name: Scott McGraw

Title:

District Supervisor

Title: Operations Manager

Approval Date: JUL 29 2004

Expiration Date:

JUL 29 2005

E-mail Address: scott@brothersproduction.com

Date: 7/14/04

Phone: 432-682-2516

Conditions of Approval Attached ☐

Arrant, Bryan

From: Arrant, Bryan
Sent: Tuesday, July 20, 2004 11:54 AM
To: 'SCOTT@BROTHERSPRODUCTION.COM'
Cc: Stogner, Michael
Subject: Two Forks State # 1, API # 30-015-24655

Dear Mr. McGraw,

In reference to the above application I just wanted to inform you that this location is non-standard for a Atoka gas well completion and will need a NSL approval administratively or through a hearing (which ever applies) from Santa Fe before we can issue an approval for the re-entry.

In addition, please submit a h2s contingency plan if this intended re-completion meets the requirements of NMOCD Rule 118.

If not, please submit a letter stating so in detail.

I will also need a C-102 completely filled out.

This location is just west of the Bear Grass Draw; Atoka, West Gas Pool, Code # 71688.

Please call 505-748-1283 ext 103 if you have any ??s

Yours truly,
Bryan Arrant