

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

SF 077952

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

J. C. Gordon D #2E

9. API Well No.

30-045-24100

10. Field and Pool, or Exploratory Area

Angel Peak Gallup
Basin Dakota

11. County or Parish, State

San Juan NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cross Timbers Operating Company

3. Address and Telephone No.

505-324-1090

2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,120' FSL + 790' FWL Sec 22, T 27 N, R 10 W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other DHC

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Cross Timbers Operating Company request permission to DHC the well per the attached procedure.

The DHC orders were approved 5/23/1996.

BLM approval was granted 5/8/1996.



14. I hereby certify that the foregoing is true and correct

Signed Darvin Stead

Title Operations Engineer

Date 4/18/00

(This space for Federal or State office use)

Approved by [Signature]

Title State Engineer

Date JUN 1 1996

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

J. C. Gordon "D" #2E
Workover Procedure
April 10, 2000
Section 22, T-27-N, R-10-W
San Juan County, New Mexico

Formation: Gallup/Dakota

Production Casing: 7", 26#, K-55 ST&C set @ 6,618'. DV tool @ 4,687'. Circ 5 sx cmt on stg 1. Did not circ cmt on stg 2. TOC unknown.

Production Tubing: Dakota: 2-3/8" mule shoe, 1 jt 2-3/8" tbg, Otis N Profile Nipple, 15 jts 2-3/8" tbg, 1 2-3/8" tbg sub, seal assembly, 6 jts 2-3/8" tbg, 16 - 2-3/8" blast jts, 176 jts 2-3/8" tbg, 2 2-3/8" tbg subs, 1 jt 2-3/8" tbg. Landed @ 6,484'. Profile Nipple @ 6,452'. Seal assembly @ 5,988'.

Gallup: 2-1/16" PS, 1 jt 2-1/16" tbg, Otis N Profile Nipple, 172 jts 2-1/16" tbg. Landed @ 5,799'. Profile Nipple @ 5,758'.

Perfs: Dakota: 6,346' – 55', 82' – 90', 6,433' – 80' & 6,499' – 6,517' w/2 JSPF (164 HOLES).

Gallup: 5,511' – 18', 25' – 29', 40' – 50', 5,608' – 26', 35' – 39', 5,676' – 5,731', 41' – 66' & 75' – 97' w/2 JSPF (290 HOLES).

Current Status: Gallup: 29 MCFPD & 1.0 BOPD.
Dakota: 137 MCFPD & 1.4 BOPD.

Note: Tubing details are from a 1981 tally sheet. Records show a production packer set @ 5,980'. No type given. Seal assembly @ 5,988' per tbg tally. Gallup tbg tally is questionable.

1. Test anchors on location. Install or replace as necessary.
2. MIRU PU. Check and record tubing, casing and bradenhead pressures.
3. MI 26 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg & 4 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/special clearance collars.
4. Blow well down and kill well w/2% KCl wtr.
5. ND WH. NU and pressure test BOP.
6. TOH & LD 2-1/16" tbg. TOH w/2-3/8" tbg. Inspect tbg, seal assembly & mule shoe for scale. If scale is found, test for solubility in 15% HCl acid. Rabbit all 2-3/8" tbg.
7. MIRU air/foam unit.
8. TIH w/notched collar, standard API SN & 19 jts 2-3/8" tbg w/SCC & 2-3/8" tbg w/reg collars to PBTD. Circ out fill, if any, w/air/foam unit.

9. RDMO air/foam unit.
10. If acid soluble scale was found in step 6, spot 500 gals 15% HCl acid across perms & let soak over night.
11. PUH w/2-3/8" tbg & land $\pm 6,430'$. Broach tbg.
12. ND BOP. NU WH.
13. RDMO PU.
14. Install plunger lift equipment.
15. Test well as needed and make adjustments to plunger lift controller.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO:
SF-077952
3162.7-3 (07327)

May 8, 1996

Ms. Pamela W. Staley
Amoco Production Company
P.O. Box 800
Denver, CO 80201

RE: Federal Lease SF-077952
Downhole Commingling Application
Angels Peak Gallup and Basin Dakota Pools
No. 2E J.C. Gordon "D"
1120' FSL & 790' FWL. Section 22-T27N-R10W
San Juan County, New Mexico

Dear Ms. Staley:

The Farmington District Office (FDO) of the Bureau of Land Management (BLM) has received your letter dated April 10, 1996, for downhole commingling of the Angels Peak Gallup and Basin Dakota Pools in the above referenced well.

Your application stated that historical data will be used in determining the allocation percentage for each formation. Presently, the Gallup formation is producing 50 MCFD and 0.81 BCPD and the Dakota is producing 170 MCFD and 2.31 BCPD. Corrected bottom hole pressures are 633 psi for the Dakota and 579 psi for the Gallup. Using these values, the fixed percentage for allocated production for each formation has been determined as follows:

FORMATION	GAS PRODUCTION	OIL PRODUCTION
Angels Peak Gallup	23% /	23% /
Basin Dakota	77% /	77% /

Approval to downhole commingle the Angels Peak Gallup and Basin Dakota formations for the above referenced well is hereby granted:

If you have further questions regarding this matter, please contact Brian W. Davis at (505) 599-6367 or (505) 599-8900.

Sincerely,

Duane W. Spencer
Team Leader, Petroleum Management



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

ADMINISTRATIVE ORDER DIIC-1263

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201-0800

Attention: Ms. Pamela Staley

*J.C. Gordon 'D' Well No. 2E
Unit M, Section 22, Township 27 North, Range 10 West, NMPM,
San Juan County, New Mexico.
Angels Peak Gallup (Associated - 2170) and
Basin Dakota (Prorated Gas - 71599) Pools*

Dear Ms. Staley:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C., the daily allowable producing rates from the subject well are hereby established as follows:

Oil 222 B/D	Water 444 B/D
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The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Angels Peak Gallup Pool	Oil 23%	Gas 23%
Basin Dakota Pool	Oil 77%	Gas 77%

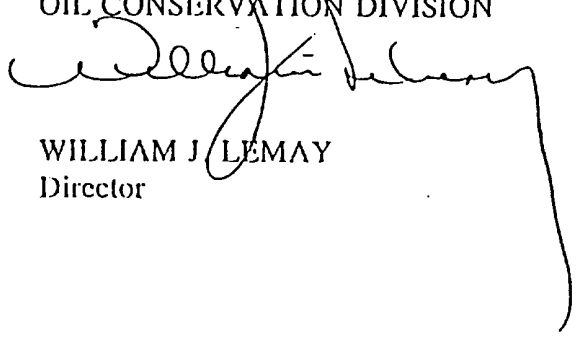
REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Administrative Order DIIC-1263
Amoco Production Company
May 23, 1996
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Pursuant to Rule 303.II., the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 23rd day of May, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

S E A L

WJL/BES

cc: Oil Conservation Division - Aztec
Bureau of Land Management - Farmington