

10-12-66

RALPH L. GRAY

PETROLEUM ENGINEERING - PRODUCTION

CONSULTANT

302 CARPER BUILDING
ARTESIA, NEW MEXICO

MAIN OFFICE 000

JAN 28 AM 7 55

January 27, 1966

X-209

How Feb 12

New Mexico Oil Conservation Commission
Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr., Sec'y-Director

Dear Sir:

Recently Nash, Windfohr and Brown made application for a water injection project on their Jackson "B" lease in the N/2 of Section 25, Township 17 South, Range 30 East, Eddy County, New Mexico. The original application requested authority to inject water into three of the present producing wells. However, after the application was filed, it was decided to drill a fourth injection well which would be located 660 feet from the south and 1980 feet from the west lines of Section 24 and would be designated as the Jackson "B" well #26.

The hearing on this application was held on October 19, 1965, and a request was made to include the fourth injection well, yet undrilled. The Oil Commission granted authority for this project in their Order #R-2990, dated October 27, 1965. However, this Order grants authority to inject water into the three presently producing wells only, and states that any expansion shall be obtained by Administrative approval.

We have filed application to drill the Jackson "B" #26, which will be a water injection well. Copies of this form are attached, along with a map showing the proposed fourth injection well. We believe the Jackson "B" #26 well will add considerably to the secondary oil to be recovered, and is desirable at this time. Copies of this letter are being furnished to Anadarko Production Company and to the State Engineer.

Your authority to use Jackson "B" #26 as an injection well will be appreciated.

Yours very truly,

Ralph L Gray

REGISTERED PETROLEUM ENGINEER.

RLG:lw

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER Water Injection SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Nash, Windfohr & Brown

3. ADDRESS OF OPERATOR
 1202 First National Bank Building, Fort Worth, Texas 76102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 660' f. South and 1980' f. West lines of Sec. 24-17S-30E.
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 2 1/2 miles east of Loco Hills

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE 840

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'

19. PROPOSED DEPTH 3200

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START* Feb. 2, 1966

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------------|
| 12-1/4 | 8-5/8 | 24 | 500 | 200 sx. Incor + 2% CaCl. |
| 7-7/8 | 5 1/2 | 14 or 15.5 | 3200 | 100 sx. Incor. |

Completion will be made by perforating casing in the Grayburg-Premier sand zone.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Raymond L Gray TITLE Consulting Engineer, DATE Jan. 27, 1966

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
 MAIN OFFICE 000
 LC-85526E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 JAN 28 AM 7 55

8. FARM OR LEASE NAME
 Jackson "B"

9. WELL NO.
 26;

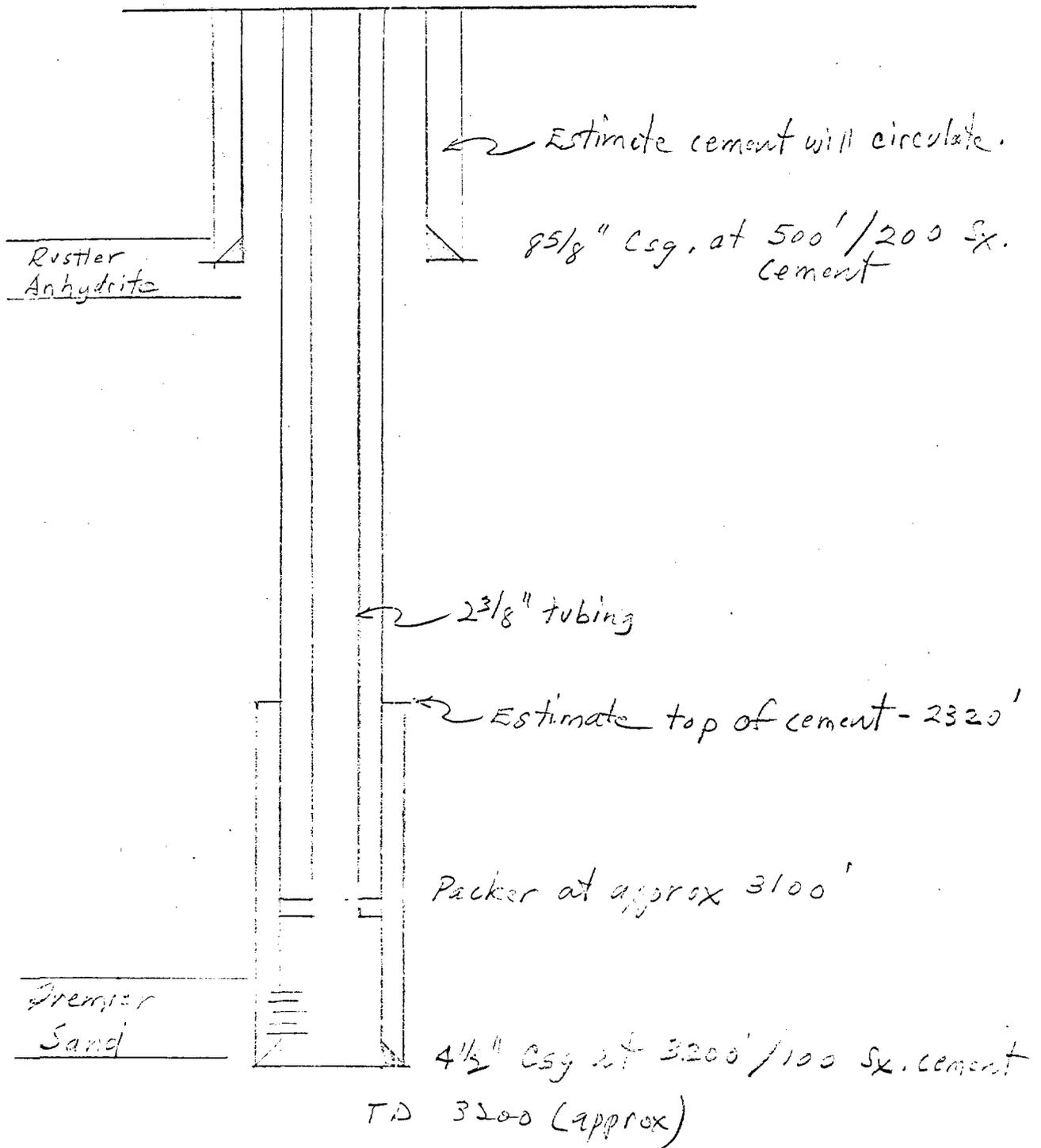
10. FIELD AND POOL, OR WILDCAT
 Grayburg-Jackson

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 24-17-30

12. COUNTY OR PARISH
 Eddy

13. STATE
 New Mexico

Mash, 3110-2. 8/1/60
Proposed Program - Jackson B #26





MAIN OFFICE OCC

FEB 4 AM 11:09

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, NEW MEXICO 87501

February 3, 1966

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

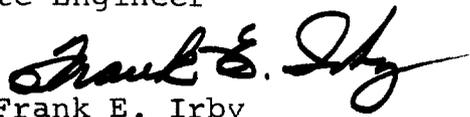
Reference is made to the application of Nash, Windfohr and Brown which seeks to drill their Jackson "B" well No. 26 in Sec. 24, T. 17 S., R. 30 E., and use it as an injection well in their project which was authorized by Oil Conservation Commission Order R-2990.

This office offers no objection to the granting of the application provided the well is completed in the manner shown on the diagrammatic sketch submitted with letter dated January 31, 1966 by Ralph L. Gray and further provided that the packer and tubing are set well below the top of the cement surrounding the 4½ inch casing.

FEI/ma
cc-Ralph L. Gray
F. H. Hennighausen

Yours truly,

S. E. Reynolds
State Engineer

By: 
Frank E. Irby
Chief
Water Rights Div.

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

P. O. DRAWER DD
ARTESIA

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

February 8, 1966

N. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention: Jim Kapteina

Re: WFX

Dear Jim:

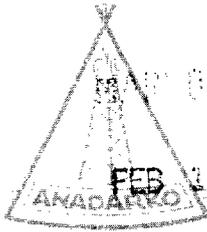
Referring to Ralph Gray's letter of January 27, 1966, requesting one additional injection well for the pilot project authorized by order R2990, we have no objection to the same.

Very truly yours,

OIL CONSERVATION COMMISSION

R. L. Stamets
Geologist

RLS/bh



ANADARKO PRODUCTION COMPANY

3109 WINTHROP AVENUE P. O. BOX 9317 FORT WORTH, TEXAS 76107

CABLE ADDRESS: ANDARK

FEB 10 PM 1 01

February 16, 1966

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Attention: Mr. A. L. Porter

Gentlemen:

In reference to Nash, Windfoh & Brown's application for administrative approval to drill the Jackson "B" No. 26 (660 FSL and 1980 FWL Sec. 24, T-17S, R-30E in Eddy County, New Mexico), we offer no objection and respectfully urge your approval.

Yours very truly,

E. A. Riley
Superintendent
Secondary Recovery Div.

EAR/hb

CC: Mr. Rush Vann
815 Throckmorton
Ft. Worth, Texas

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE