

Exam. Hearing
Case 1533

EL PASO NATURAL GAS PRODUCTS COMPANY

EL PASO, TEXAS

September 16, 1958

SEP 16 1958
PM 1:17

ADDRESS REPLY TO:
POST OFFICE BOX 1565
FARMINGTON, NEW MEXICO

Mr. A. L. Porter, Jr.
Secretary-Director
N. M. Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Subject: Application for Dual Completion

Dear Mr. Porter:

This is a request for a public hearing of a well dually completed in the Gallup and Dakota Formations. The well, our Frontier No. 1-B (GD) is located 890' from the South line and 890' from the East line of Section 9, Township 27-N, Range 11-W, N.M.P.M., San Juan County, New Mexico. The well is not located within one mile of a defined pool with a similarly dually completed or within one mile of a well similarly dually completed.

The well was drilled and completed in the following manner:

- (1) 10-3/4" surface casing set at 173' with 125 sacks of cement circulated to surface.
- (2) 7-5/8" intermediate casing set at 4765' with 100 sacks of cement on bottom stage and 100 sacks of cement through stage collar at 2166'. The cement was circulated through the stage collar in order to protect the Pictured Cliffs Formation for contamination. Top of cement on bottom stage calculated to be at 3943'. Top of cement on top stage at 1455' by temperature survey.
- (3) 5-1/2" production liner was set in gas drilled hole from 4597' to 6762'. Total depth of well 6770'. The liner was cemented with 400 sacks of cement, of which approximately 195 sacks were reversed out after circulating around the top of the liner. Top of cement was found to be at top of liner by temperature survey. After waiting twelve hours the liner and intermediate casing was tested with 1000 psi. for 30 minutes. The test was satisfactory.
- (4) The Lower Dakota (perforated 6612' to 6632' and 6638' to 6648'), Upper Dakota (perforated 6553' to 6589') and the Graneros (perforated 6509' to 6524') were perforated and sandwater fractured separately. All three zones were opened and potentialized together for 2,834 MCF per day through a 3/4" choke with an absolute open flow of 3,002 MCF per day.

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- (5) The Gallup zones (perforated 5916' to 5938' and 5818' to 5868') were perforated and sandoil fractured separately. Both zones were open and potentialized together for 30.36 bopd with 776 MCF gas through a 32/64" choke. The Gas-Oil Ratio was 25,559/1.
- (6) Separation between the Gallup and Dakota Formations was obtained by setting a Baker Model "EGJ" Production Packer on the Dakota 2" tubing string at 6413'. The Dakota tubing was set at 6608'. The Gallup 2" tubing string was set at 4563'.
- (7) Storage facilities are being constructed so that the oil from the Gallup Formation and liquids from the Dakota Formation will not be commingled and will be measured separately.

Enclosed you will find a diagrammatic sketch of the mechanical installation, plats showing location of well on lease and offset leases, results of packer leakage test, and affidavit of packer setting. The well log will be presented at the hearing.

The El Paso Natural Gas Products Company owns the lease in the NE/4 of Section 16, Township 27-N, Range 11-W and the R and G Drilling Company of Farmington, New Mexico, owns the lease in the SW/4 of Section 10, Township 27-N, Range 11-W. The R and G Drilling Company has been notified of the dual completion and we have requested by registered mail their approval of the dual completion.

The El Paso Natural Gas Products Company has recently received approval from the Federal Power Commission to sell gas from the Dakota Formation to the El Paso Natural Gas Company. The Dakota Formation is tied in and can be produced at any time. We request that the public hearing for the dual completion be as soon as possible so that the well may be put on production.

Very truly yours,



Ewell N. Walsh

Division Petroleum Engineer

ENW:EW

Enc. - 6

cc: Mr. Emery Arnold
Mr. J. C. Vandiver
R & G Drilling Co.

Case 1533

EL PASO NATURAL GAS PRODUCTS COMPANY

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September 29, 1958

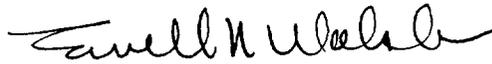
ADDRESS REPLY TO:
POST OFFICE BOX 1565
FARMINGTON, NEW MEXICO

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Dear Mr. Porter:

Attached you will find approval from R & G Drilling Company
of our dually completed well the Frontier No. 1-B (GD).

Very truly yours,



Ewell N. Walsh
Division Petroleum Engineer

ENW:EW
Enc: - 1



EL PASO NATURAL GAS PRODUCTS COMPANY

EL PASO, TEXAS

September 16, 1958

R & G Drilling Company
Post Office Box 1848
Farmington, New Mexico

ADDRESS REPLY TO:
POST OFFICE BOX 1565
FARMINGTON, NEW MEXICO

Gentlemen:

The El Paso Natural Gas Products Company has made application to the New Mexico Oil Conservation Commission for a public hearing for approval of a dual completion. The well, our Frontier No. 1-B (GD) is located 890' from the South line and 890' from the East line of Section 9, Township 27-N, Range 11-W, N.M.P.M., San Juan County, New Mexico. The well is not located within one mile of a defined pool with a similarly dually completed or within one mile of a well similarly dually completed.

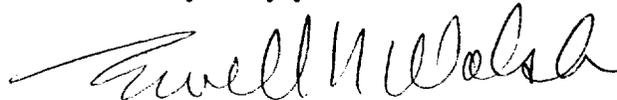
According to Order R-1214 concerning dual completions, we must have approval of the offset lease owners of the dual completion. According to our records you own the lease in the SW/4 of Section 10, Township 27-N, Range 11-W, which offsets our Frontier No. 1-B (GD) well.

Enclosed you will find a copy of the application sent to the New Mexico Oil Conservation Commission. Attached to the application is a plat showing the relationship of your lease to our Frontier No. 1-B (GD). You might also note that we are requesting a public hearing as soon as possible so that approval may be obtained from the New Mexico Oil Conservation Commission to put the Dakota Formation on production.

Would you please indicate your approval by signing two copies of this letter, the third copy is for your files, and return to the undersigned as soon as possible.

Thank you very much for your cooperation.

Very truly yours,



Ewell N. Walsh
Division Petroleum Engineer

ENW:EW

Enc.: -6

cc: Mr. A. L. Porter, Jr.
Mr. Emery Arnold
Mr. J. C. Vandiver

APPROVED: R & G DRILLING COMPANY

By: C. H. Russell

Prod. Supt.
Title

Sept. 26, 1958