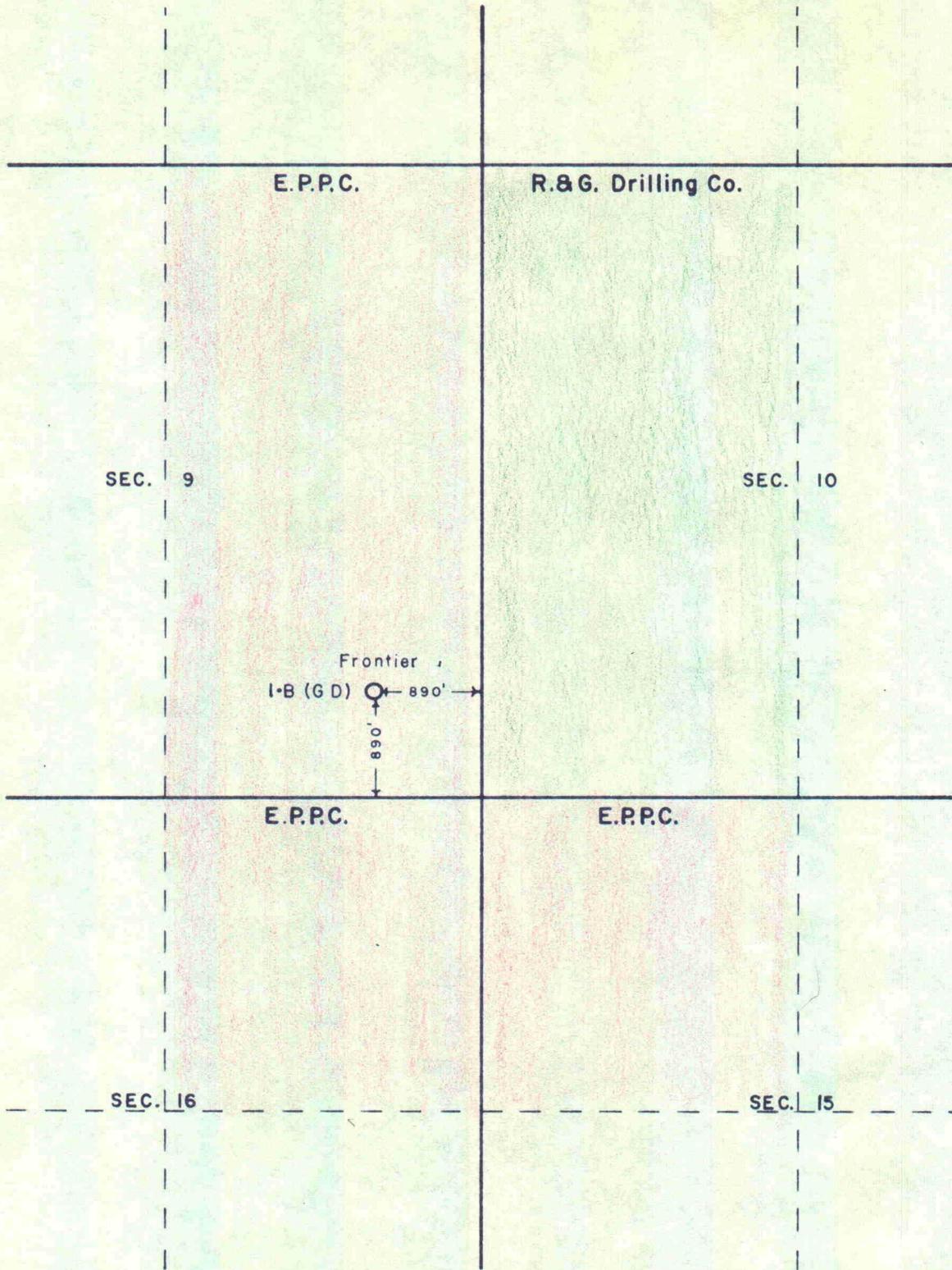


EL PASO NATURAL GAS PRODUCTS COMPANY

Flat Showing Offset Leases to
Frontier No. 1-B (GD)
SE SE Section 9, T-27-N, R-11-W

RIIW



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
El Paso EXHIBIT NO. 1
CASE NO. 1533

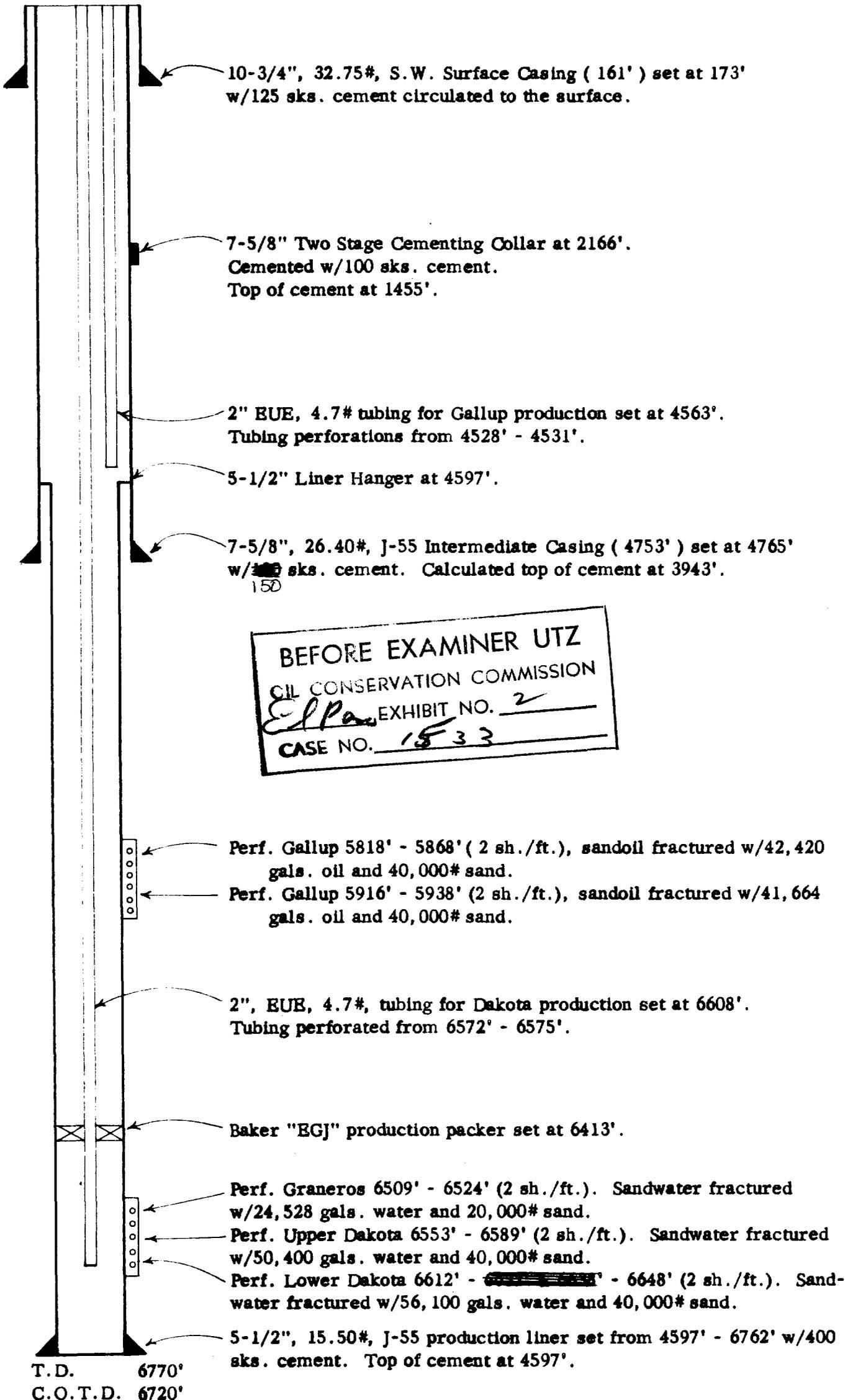
EL PASO NATURAL GAS PRODUCTS COMPANY

SCHEMATIC DIAGRAM OF DUAL COMPLETION

Frontier No. 1-B (GD)

SE SE Section 9, Township 27-N, Range 11-W

Dual String
Xmas Tree



C
O
P
Y

EL PASO NATURAL GAS COMPANY

Farmington, New Mexico

Date: July 25, 1958

Mr. E. C. Arnold
Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, Frontier No. 1-B (GD), 890S,
890E; 9-27-11, San Juan, New Mexico
(Name - Location - County)

Dear Mr. Arnold:

The subject well was dually completed in the Gallup and Dakota zones and a packer was set at 6413 feet. The Dakota zone was tested through a 3/4" choke for three hours July 25, 1958 with the following data obtained:

G SIPC 937 psig;) shut-in 7 days
G SIPT 930 psig;)
D SIPT 1911 psig; shut-in 51 days

<u>Time</u> <u>Minutes</u>	<u>(Dak) Flowing Pressure</u> <u>Tubing Psig</u>	<u>(G) SIP (C) Psig</u>	<u>(Dak) Working</u> <u>Pressure, Psig</u>	<u>Temp</u> <u>o F</u>
15	455	943	Calc.	68
30	384	944		69
45	347	944		70
60	329	944		74
180	247	945	511	74

The choke volume for the Dakota was 2834 MCF/D with an AOF of 3002 MCF/D.

This test indicates no leak between producing zones when the Dakota was tested. It is our understanding that there was no indication of a leak when the Gallup was tested on 7/18/58.

Witnessed by: Bill Glazener and Fred Cook

Tested by: Frank M. Clark

EL PASO NATURAL GAS PRODUCTS COMPANY

Farmington, New Mexico

Mr. E. C. Arnold
 Oil Conservation Commission
 1000 Rio Brazos Road
 Aztec, New Mexico

Date: August 4, 1958

Re: Packer Leakage Test on the El Paso Natural Gas Products Company Well, Frontier No. 1-B (GD)
890' S, 890' E; Sec. 9, T-27-N, R-11-W, San Juan, N. M.
 (Name - Location - County)

Dear Mr. Arnold:

The subject well was dually completed in the Gallup and Dakota zones and a packer was set at 6413 feet. The Gallup zone was tested through a 24/64" to 48/64" choke for 36 Days 6-12-58 to 7-18-58 with the following data obtained: (Date)

G SIPC 1237 psig;) shut-in 5 days
 G SIPT 1235 psig;)
 D SIPT 1874 psig; shut-in 5 days

Time Days	(Glp.) Flowing Pressure Tubing Psig	(Dak) SIP (C) Psig	(Glp.) Working Pressure, Psig	Temp. ° F
1	340	1874		
32		1912		
36 9:30 A.M.	106	1915	298	
" 10:00 A.M.	107	"	296	
" 10:30 A.M.	106	1916	"	
" 11:00 A.M.	110	1915	295	
" 11:30 A.M.	108	"	299	
" Noon	110	1916	298	
" 12:30 P.M.	113	"	299	
Gallup was then shut-in.				
" 12:45 P.M.	367	1917	375	
" 1:00 P.M.	402	1915	408	
" 1:15 P.M.	426	"	431	
" 1:30 P.M.	444	"	449	

The choke volume for the Gallup was 776 (7-13-58)
 MCF/D with an AOF of _____ MCF/D.

This test indicates no leak between producing zones when the Gallup was tested.

Witnessed by: Fred Cook

Tested by: J. E. Kreger



EL PASO NATURAL GAS PRODUCTS COMPANY

POST OFFICE BOX 1161, 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,

ENW:EW

Enc.: -6

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

Ewell N. Walsh
Division Petroleum Engineer

APPROVED: R & G DRILLING COMPANY

By: _____

Title

COPY

STATE OF NEW MEXICO)
)
COUNTY OF SAN JUAN)

I, Mack Mahaffey, being first duly sworn upon
my oath depose and say as follows:

I am an employee of Baker Oil Tools, Inc., and that on June 4,
1958, I was called to the location of the El Paso Natural Gas Products Company
Frontier No. 1-B (GD) Well located in the SE SE/4
(Well Number)
of Section 9, Township 27-N, Range 11-W, N.M.P.M., for
advisory service in connection with installation of a production packer. In my
presence, a Baker Model EGJ Production Packer was set in this well at
6413 feet in accordance with the usual practices and customs of the industry.

Mack Mahaffey
Branch Manager

Subscribed and sworn to before me, a Notary Public in and for San Juan County,
New Mexico, the 17th day of September, 1958.

Jonathan R. Wilkey
Notary Public in and for San Juan County,
New Mexico.