

Administrative approval is requested for the dual completion to allow production from both known producing formations, eliminating the high initial cost of drilling two separate wells.

The acreage dedicated to this well falls entirely within the boundaries of the Huerfano Unit. Since El Paso Natural Gas Company is the operator of the Huerfano Unit, approval has not been sought from any other operator for this dual completion. Enclosed are:

- (a) Two copies of the schematic diagram of the mechanical installations.
- (b) Two copies of the affidavit from the packer setting company stating that the packer used was set at the depth shown.
- (c) Two copies of the packer leakage test as observed by a member of the Oil Conservation Commission.
- (d) Two copies of the initial potential test showing commercial production from the two formations.
- (e) Two plats showing the location of the well and offset operators.

Copies of the radioactivity and electrical logs will be sent to you under separate cover.

It is intended to dedicate the NW/4 of Section 2, Township 26 North, Range 10 West to the Dakota formation and the NW/4 of Section 2, Township 26 North, Range 10 West to the Gallup formation.

Any further information required will be furnished upon your request. Thank you for your consideration in this matter.

Yours very truly,

ORIGINAL SIGNED E. S. OBERLY

E. S. Oberly
Division Petroleum Engineer

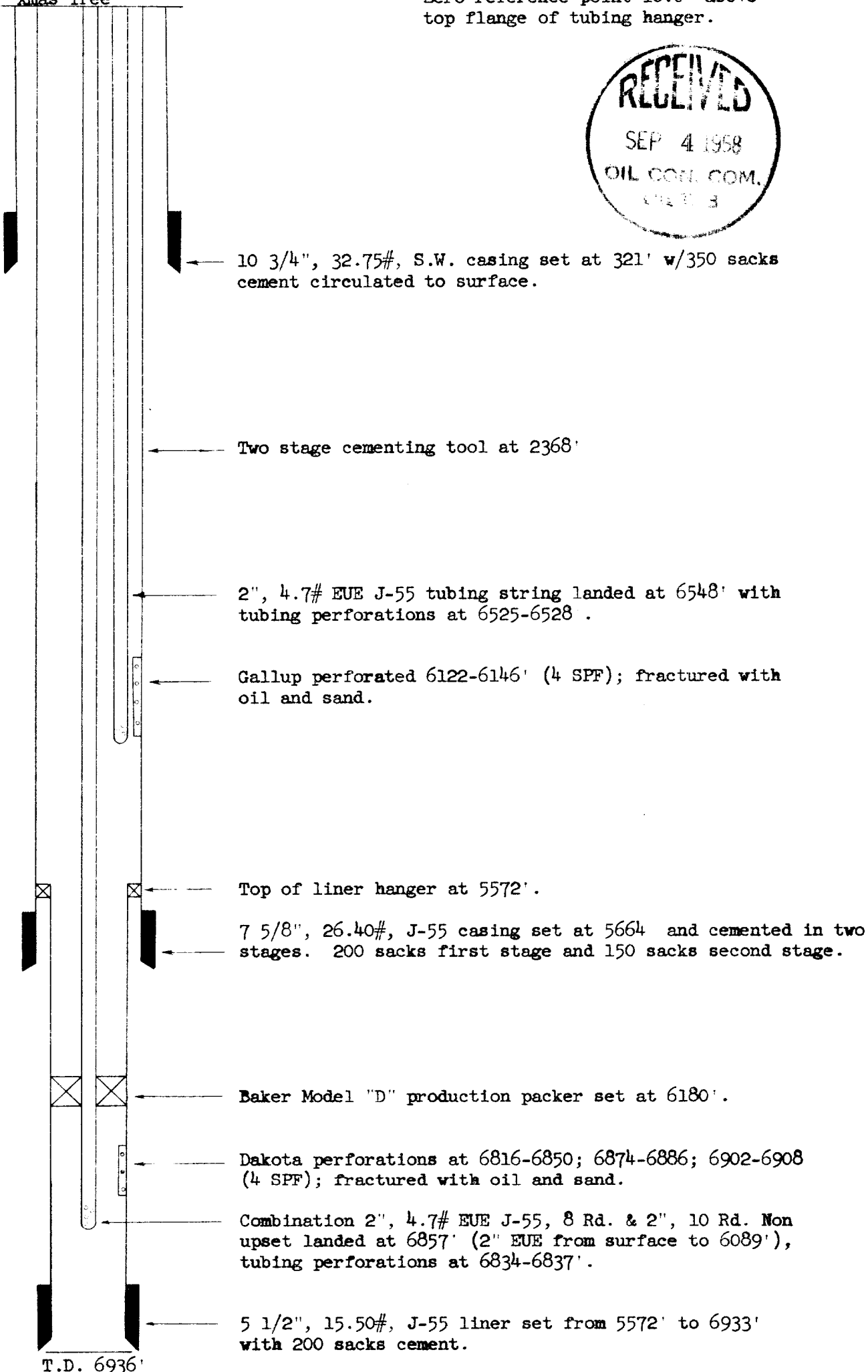
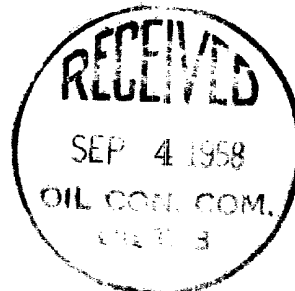
ESO:bjn

cc: NMOCC (Emery Arnold)(2) ✓
Sam Smith
USGS (Phil McGrath)

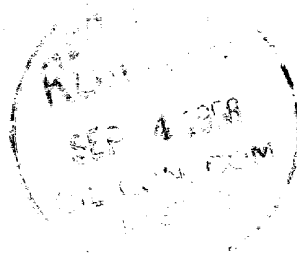
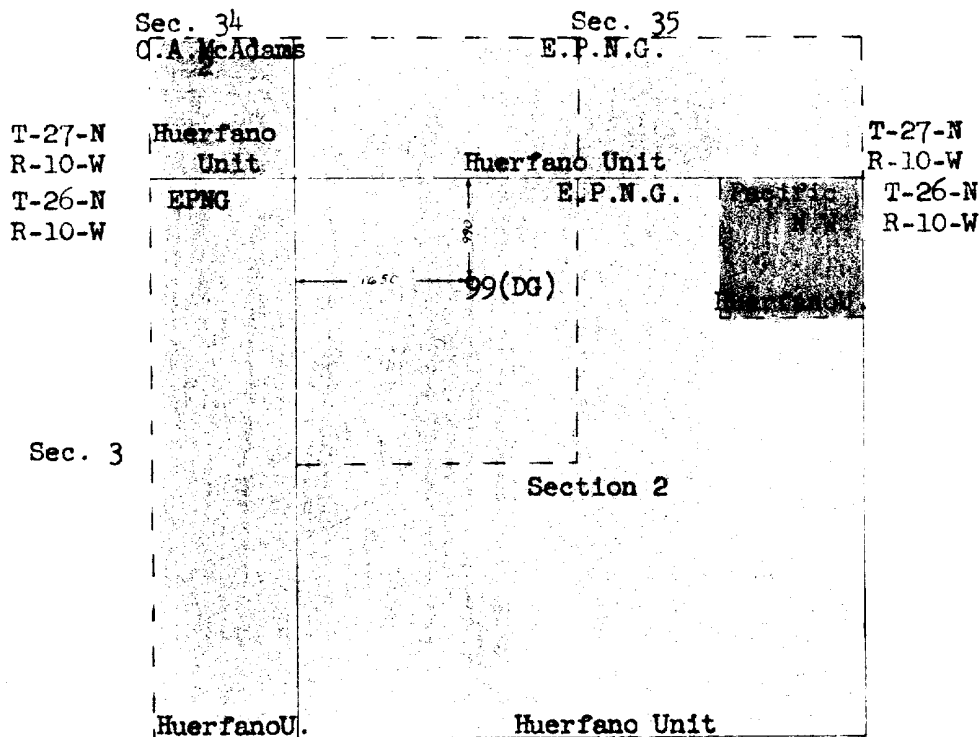
SCHEMATIC DIAGRAM OF DUAL COMPLETION
El Paso Natural Gas Company Huerfano Unit No. 99 (DG)
NW/4 Section 2, T-26-N, R-10-W

Dual String
Xmas Tree

Zero reference point 10.0' above
top flange of tubing hanger.



PLAT SHOWING LOCATION OF DUALY COMPLETED
El Paso Natural Gas Company Huerfano Unit No. 99(DG)
And Offset Acreage



EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE

DATE

No.

DRAWN BY

CHECKED BY

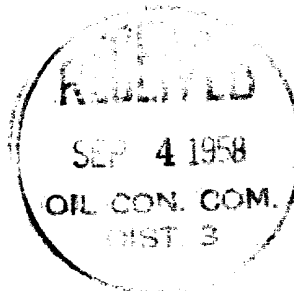
Letter to Santa Fe
9-11-58 al
✓

El Paso Natural Gas Company

El Paso, Texas
August 28, 1958

ADDRESS REPLY TO:
POST OFFICE BOX 997
FARMINGTON, NEW MEXICO

Mr. A. L. Porter
Secretary and Director
Oil Conservation Commission
Box 871
Santa Fe, New Mexico



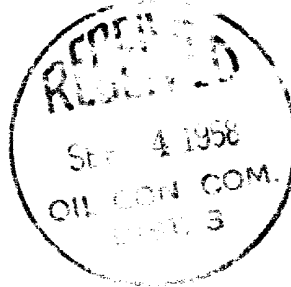
Dear Sir:

This is a request for administrative approval for a well dually completed in the Wildcat Dakota Pool and Angel Peak Gallup Pool. The El Paso Natural Gas Company Huerfano Unit No. 99(DG) is located 990 feet from the North line and 1650 feet from the West line of Section 2, Township 26 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.

This well has been completed in the Dakota and Gallup formations. Completion has been accomplished in the following manner:

1. 10 3/4" surface casing set at 321 feet with 350 sacks of cement circulated to the surface.
2. 7 5/8" intermediate casing set at 5664 feet and cemented in two stages: 200 sacks at the base of the casing and 150 sacks across the Pictured Cliffs formation.
3. 5 1/2" liner set from 5572 feet to 6933 feet with 150 sacks of cement.
4. The casing and liner were tested for leaks before perforating.
5. The Dakota formation was perforated in three intervals and fractured with crude oil and sand.
6. The Gallup formation was perforated in one interval and fractured with crude oil and sand.
7. All perforations were cleaned out after treatment and completion was accomplished by setting a Baker Model 'D' production packer at 6180 feet. The Dakota production string is a combination 2" Non-upset (below packer) and 2" EUE (above packer) tubing string with tubing perforations opposite the Dakota perforations. The Gallup formation will be produced through a second tubing string, 2" EUE, which was run above the packer and which has tubing perforations opposite the Gallup perforations.
8. Initial potential tests have been run and commercial production has been found in both zones. A packer leakage test has been run and witnessed by a member of the Aztec office of the Oil Conservation Commission. This test shows no communication in the well bore between the two producing formations.

COPY



STATE OF NEW MEXICO }
COUNTY OF SAN JUAN)

I, J. E. Rowland, being first duly sworn upon my oath depose
and say as follows:

I am an employee of Baker Oil Tools, Inc., and that on July
16, 1958, I was called to the location of the El Paso Natural Gas Company
Huerfano Unit No. 99 (DG) Well located in the NENW/4 of Section 2, Township
26 North, Range 10 West, N.M.P.M., for advisory service in connection with
installation of a production packer. In my presence, a Baker Model "D"
Production Packer was set in this well at 6180 feet in accordance with the
usual practices and customs of the industry.

J. E. Rowland

Subscribed and sworn to before me, a Notary Public in and for
San Juan County, New Mexico, the 29th day of August, 1958.

Shen Dale Hill
Notary Public in and for San Juan County,
New Mexico

My commission expires August 26, 1959,
~~My commission expires February 27, 1960~~



Dear Mr. [illegible]:

[Several lines of very faint, mostly illegible text follow, appearing to be a letter or memorandum.]

Sincerely,
[illegible signature]

[illegible signature]

2025 RELEASE UNDER E.O. 14176