

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease Huerfano Unit

Well No. 104 (GD) Unit Letter P S 17 T 26N R 10W Pool Wildcat Dakota

County San Juan Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Company

Address \_\_\_\_\_

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ (X)

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 25th day of February 19 59

By ORIGINAL SIGNED J.J. TILLERSON

Approved MAR 11 1959 19

Title Petroleum Engineer

OIL CONSERVATION COMMISSION

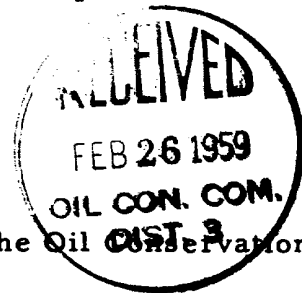
Company El Paso Natural Gas Company

By Original Signed Emory C. Arnold

Address Box 997

Title Supervisor Dist. # 3

Farmington, New Mexico



<b>OIL CONSERVATION COMMISSION</b>		
<b>AZTEC DISTRICT OFFICE</b>		
No. Copies Received		6
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Transporter	2	
File	1	✓



me 174

STATE OF NEW MEXICO     )  
                                  )  
COUNTY OF SAN JUAN     )

I, Mack M. 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 January 11, 1959, I was called to the location of the El Paso  
Natural Gas Company Huerfano Unit No. 104 (GD) Well located in  
the SESE/4 of Section 17, 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 5909 feet in accordance with the usual practices and  
customs of the industry.

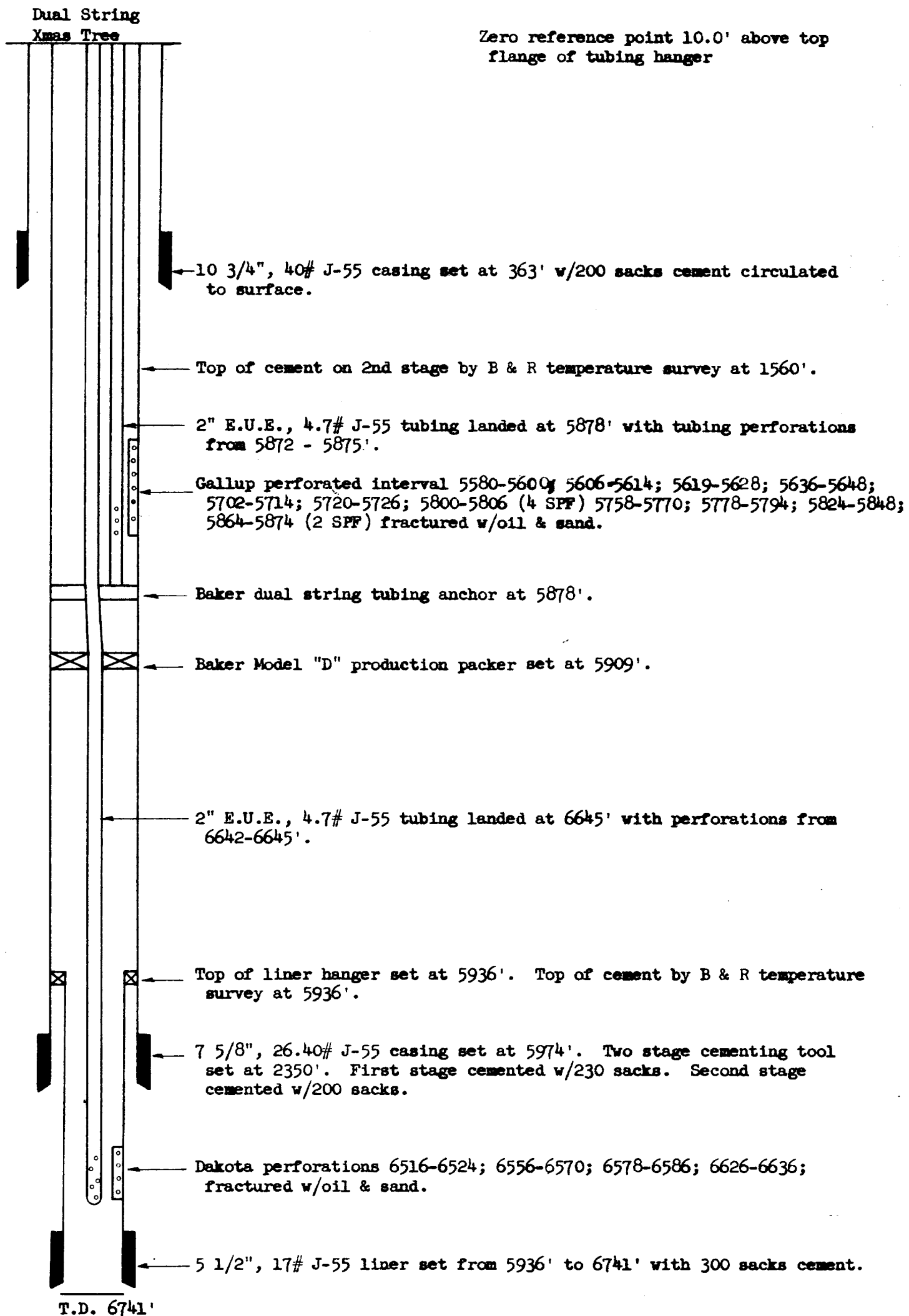
Mack M. Mahaffey

Subscribed and sworn to before me this 4th day of March,  
1959.

Walter A. ...  
Notary Public in and for San Juan County,  
New Mexico

My commission expires February 24, 1960.

SCHEMATIC DIAGRAM OF DUALY COMPLETED  
El Paso Natural Gas Co. Huerfano Unit No. 104 (GD)  
SESE Section 17, T-26-N, R-10-W



EL PASO NATURAL GAS COMPANY

OIL WELL TEST

To: Mr. Ed E. Aisup

Date: March 4, 1959

From: Production Engineering Dept.

Place: Farmington, New Mexico

SUBJECT: Potential Test Huerfano No. 104

Tested By: K. C. McBride

Location: . . . . . SE Sec. 17, T26 R10

Shut in Pressure: . . . . . SIPC 1000 psig (shut-in 9 days)  
SIFT 600 psig

Time and Date Test Started: . . . . . 2/5/59

Time and Date Test Ended: . . . . . 2/6/59

Total Production 24 hours

Gas 442 MCF

Oil 288 BBLS

Water 0 BBLS

Gas-Oil Ratio: . . . . . 1538 Cubic Ft. per BBL.

Producing Method: . . . . . Flowing

Producing through tubing Choke setting 2 3/4 inches

Flowing Pressure 160 psig Tubing; 440 psig Casing

SPM \_\_\_\_\_ Length of Stroke \_\_\_\_\_

Producing Formation: Gallup

Field: Undesignated

K. C. McBride  
K. C. McBride  
Production Engineer

cc: D. H. Tucker  
Bill Parrish  
W. M. Rodgers  
H. H. Lines  
Drilling Department  
B. D. Adams  
Jack Purvis  
W. V. Holik  
Dean Rittman

C. C. Kennedy  
E. J. Coel, Jr.  
L. D. Galloway  
File

DUAL COMPLETION

February 12, 1959

El Paso Natural Gas

9908, 990E; 17-26-10

Dakota

7-5/8

5974

6516

6636

Sand Oil Frac.

Huerfano No. 104 (D)

San Juan

New Mexico

Undesignated

2"

6635

6742 c/o 6698

Shut in 1/30/59

X

.75

12.365

5-1/2 liner 5936-6741

1105 (G)

1117

13

1903 (D)

1915

444

456

Calc.

996

57

.75

1.071

.75

Initial SIPT (G) = 1120 psig

Final SIPC (G) = 1139 psig

Packer at 5909

Heavy spray of oil throughout test.

$$12.365 \times 456 \times 1.0029 \times .8944 \times 1.071$$

5417

3667225  
2675209

$$1.3708^{.75} \times 5417 = 1.2670 \times 5417$$

6863

M. W. Rischard, S. V. Roberts, R. R. Davis

*Lewis D. Galloway*  
L. D. Galloway