on file

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name			County	Date
Blanco & South Blanco P. C.			Rio Arriba	January 30, 1959
Operator		Lease		Well No.
El Paso Natural Gas Company		San Juan 28-7 Unit		97 (PM)
Location of Well	Unit	Section	Township	Range
	A	21	27N	7W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO ____
2. If answer is yes, identify one such instance: Order No. DC-565 ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Pictured Cliffs	Mesa Verde
b. Top and Bottom of Pay Section (Perforations)	3020-3054	5280-5394 (Point Lookout)
c. Type of production (Oil or Gas)	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing

4. The following are attached. (Please mark YES or NO)

Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

No c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

No d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ____ NO ____ . If answer is yes, give date of such notification ____ .

CERTIFICATE: I, the undersigned, state that I am the Div. Petroleum Engineer of the El Paso Natural Gas Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

ORIGINAL SIGNED E.S. OBERLY

Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

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 December 29, 1958, I was called to the location of the El Paso Natural Gas Company San Juan 28-7 Unit No. 97 (PM) Well located in the NENE of Section 21, Township 27 North, Range 7 West, 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 3251' in accordance with the usual practices and customs of the industry.

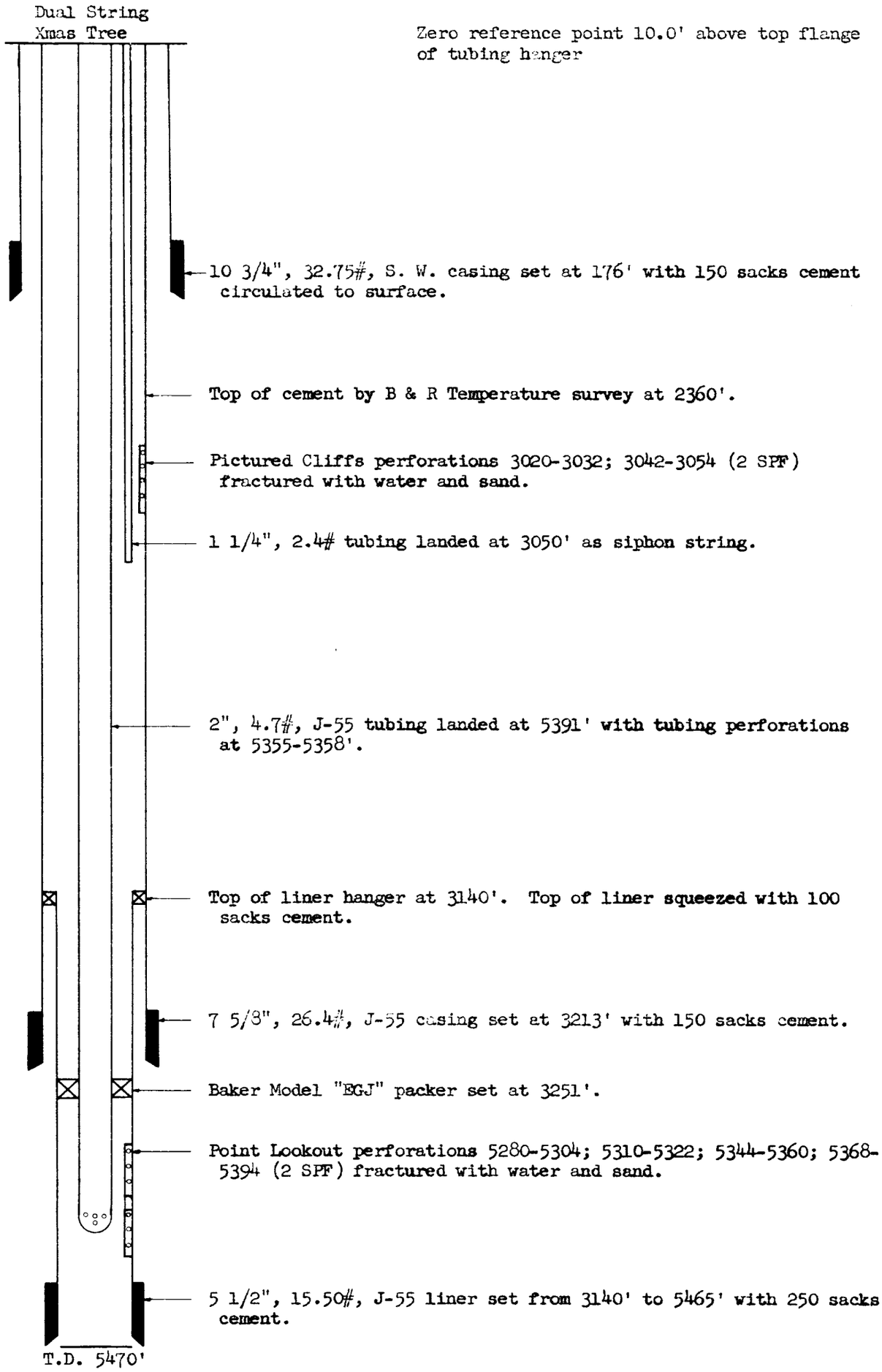
Mack M. Mahaffey

Subscribed and sworn to before me this 2nd day of February, 1959.

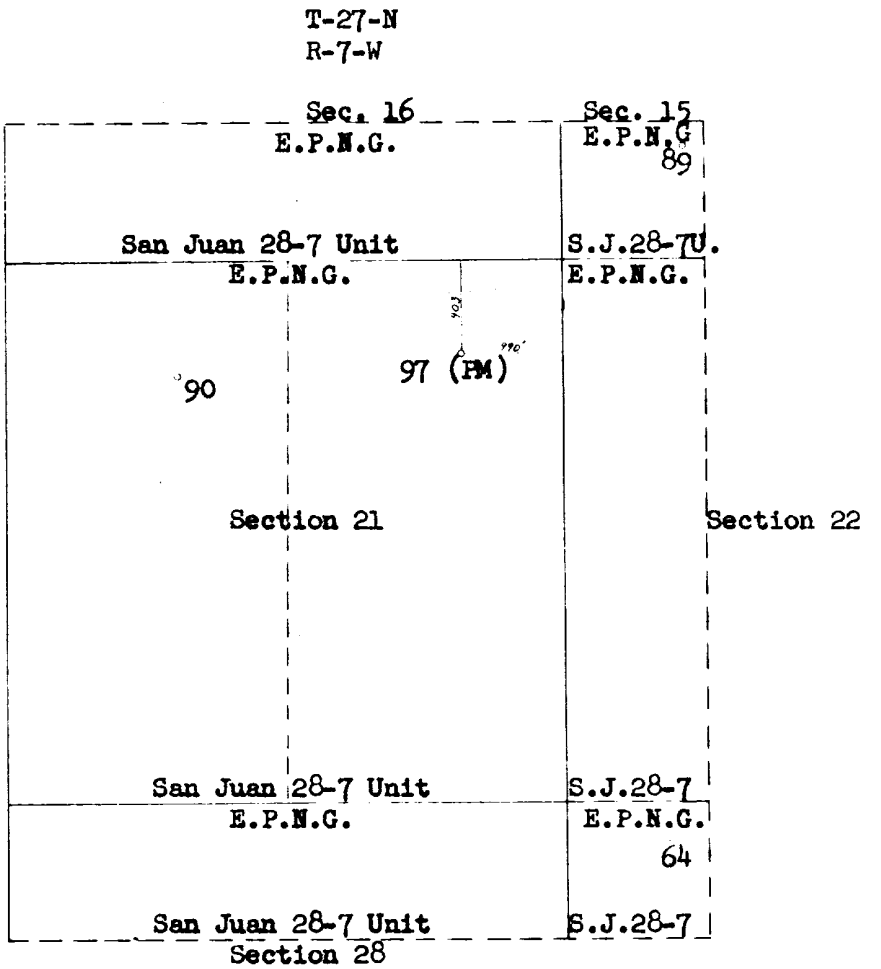
Notary Public in and for San Juan County, New Mexico

My commission expires February 24, 1960.

Schematic Diagram of Dually Completed
El Paso Natural Gas Co. San Juan 28-7 Unit No. 97 (PM)
NENE Section 21, T-27-N, R-7-W



PLAT SHOWING LOCATION OF DUALLY COMPLETED
El Paso Natural Gas Co. San Juan 28-7 Unit No. 97 (PM)
and Offset Acreage



EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE	DATE	No.
DRAWN BY	CHECKED BY	

FORM 7-132 (10-56)

OPEN FLOW TEST DATA

Dual Completion

DATE January 13, 1959

El Paso Natural Gas		San Juan 28-7 No. 97 (P)	
903N, 990E; 21-27-7		Rio Arriba	New Mexico
Pictured Cliffs			
7-5/8	3213	1-1/4	3040
3020	3054	5472 c/o 5472	Shut in 12/29/58
Sand Water Frac.		X	

.75		12.365	5-1/2 liner 3140 - 5465	
932	944	15	933	945
245		257	257	269
62		.85	1.022	.638

Initial SIPT (MV) = 1004 psig
Final SIPT (MV) = 1007 psig

Packer at 3251

$$12.365 \times 257 \times .9981 \times .9721 \times 1.022 \qquad 3151$$

$$\left(\frac{893025}{820664}\right)^{n} \qquad 1.0881^{.85} \times 3151 = 1.0744 \times 3151$$

3385

D. Mortensen

Checked By S. V. Roberts

Lewis D. Galloway

L. D. Galloway