

OIL CONSERVATION COMMISSION
1000 Rio Brazos Rd.
Aztec, New Mexico

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 7-30-60

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

I have examined the application dated 7-28-60
for the EPAG 500215 H 56 1-4-27N-S 21
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Yours very truly,

Emory C. Howard
OIL CONSERVATION COMMISSION

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Blanco Mesa Verde & So. Blanco Pictured Cliffs Ext.		County Rio Arriba	Date September 22, 1960
Operator El Paso Natural Gas Company		Lease San Juan 27-5 Unit	Well No. 56 (M)
Location of Well L	Section 34	Township 27N	Range 5W

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 _____ NO X
2. If answer is yes, identify one such instance: Order No. _____ ; Operator, Lease, and Well No.:

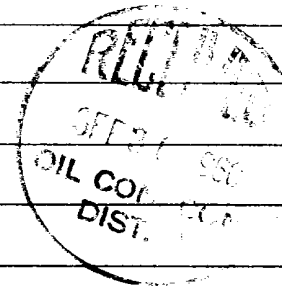
3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Pictured Cliffs	Mesa Verde
b. Top and Bottom of Pay Section (Perforations)	3238-3302	4874-5004 (Cliff House) 5266-5550 (Point Lookout)
c. Type of production (Oil or Gas)	Gas	Gas
d. Method of Production (Flowing or Artificial 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.

Humble Oil & Refining Co., Box 1287, Roswell, New Mexico



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

CERTIFICATE: I, the undersigned, state that I am the **Division Petroleum Engr.** 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, H. E. McNally, being first duly sworn upon my oath depose and say as follows:

I am an employee of El Paso Natural Gas Co., and that on July 16, 1960, I was called to the location of the El Paso Natural Gas Company San Juan 27-5 Unit No. 56 (PM) Well located in the NWSW/4 of Section 34, Township 27 North, Range 5 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 3400 feet in accordance with the usual practices and customs of the industry.

H. E. McNally

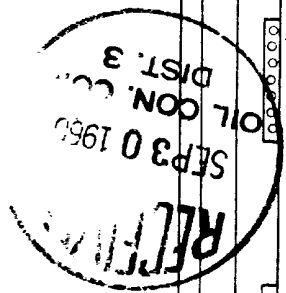
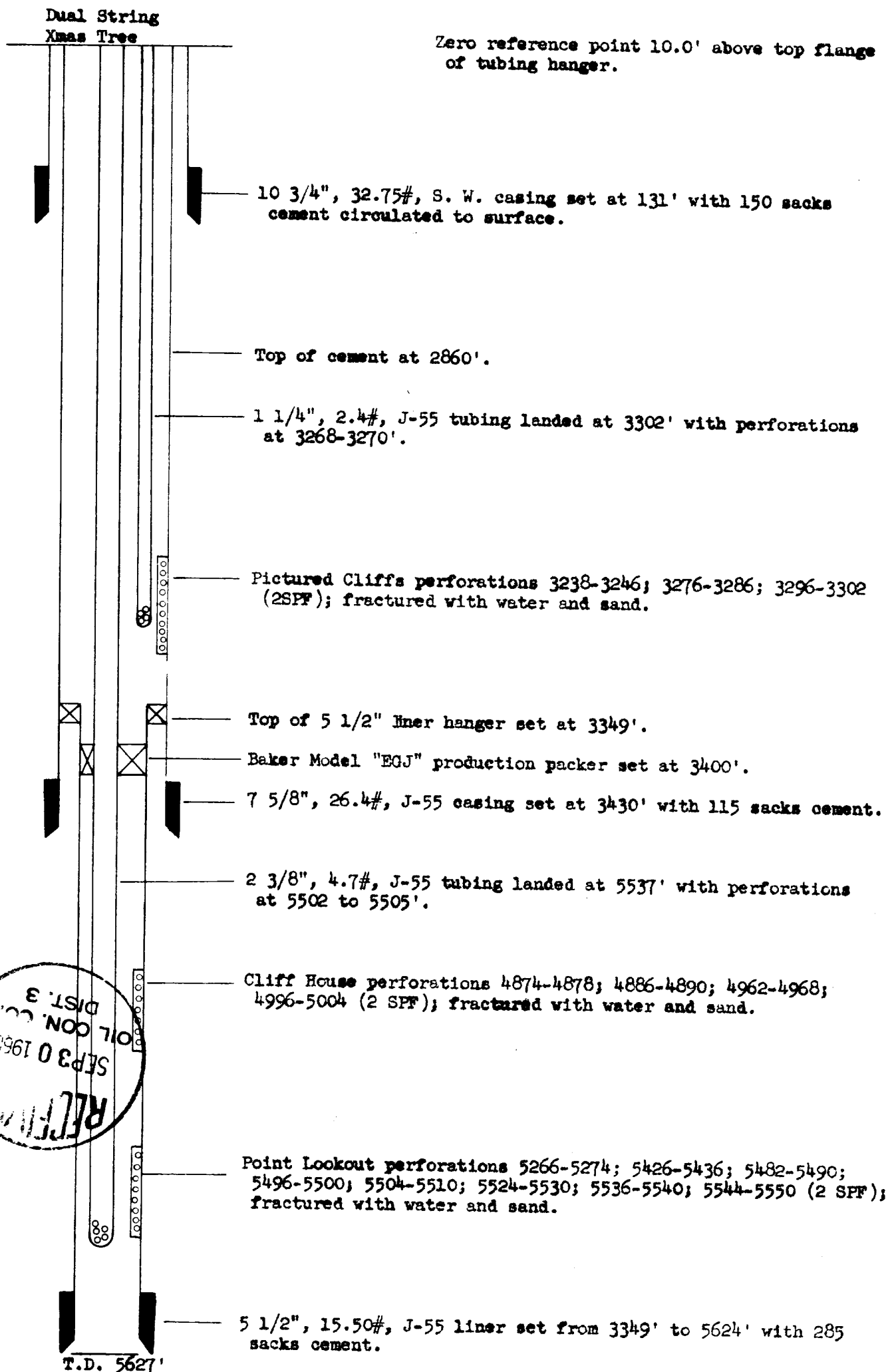
Subscribed and sworn to before me this 23rd day of September, 1960.

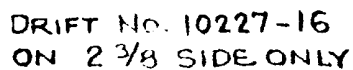
Lawrence Blair Hall
Notary Public in and for San Juan County,
New Mexico

My Commission Expires 6-21-61

My commission expires

SCHEMATIC DIAGRAM OF DUAL COMPLETION
El Paso Natural Gas Co. San Juan 27-5 Unit No. 56 (PM)
SW/4 Section 34, T-27-N, R-5-W





Cameron IRON WORKS, INC.
P. O. BOX 1212
HOUSTON 2, TEXAS

DRAWING NUMBER	REVISION

DRAWN BY: <u>E H</u>	DATE: <u>3-17-59</u>	WORKING PRESSURE: <u>2,000</u> #	DRIFT NO. <u>916013</u>	<u>A</u>
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EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE August 25, 1960

El Paso Natural Gas Co.		San Juan 27-5 No. 56 (P)	
1650S, 990W; 34-27N-5W		Rio Arriba New Mexico	
Pictured Cliffs		So. Blanco P.C. (Ext.)	
7-5/8"	3430	1-1/4"	3392
3238	3302	5626 c/o 5571	7/16/60
Sand Water Frac.		X	

.75	12.365	5-1/2" liner from 3349 to 5624
PC 1040	1052	40
93	105	98
59	1.0010	.85
		1.007
		.630
		.9759

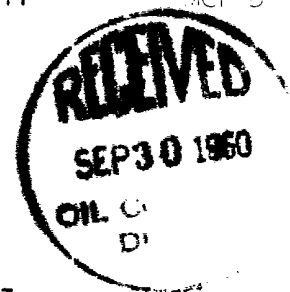
Initial SIPT (MV) = 1026 psig
Final SIPT (MV) = 1024 psig

Baker "EGJ" Prod. Packer at 3400

12.365 x 105 x 1.0010 x .9759 x 1.007

1277

MCF D



$$\left(\frac{P_1}{P_2} \right)^n$$

$$\left(\frac{1106704}{1094604} \right)^n$$

$$1277 \times 1.0119^{.85} = 1277 \times 1.0093$$

1289

MCF D

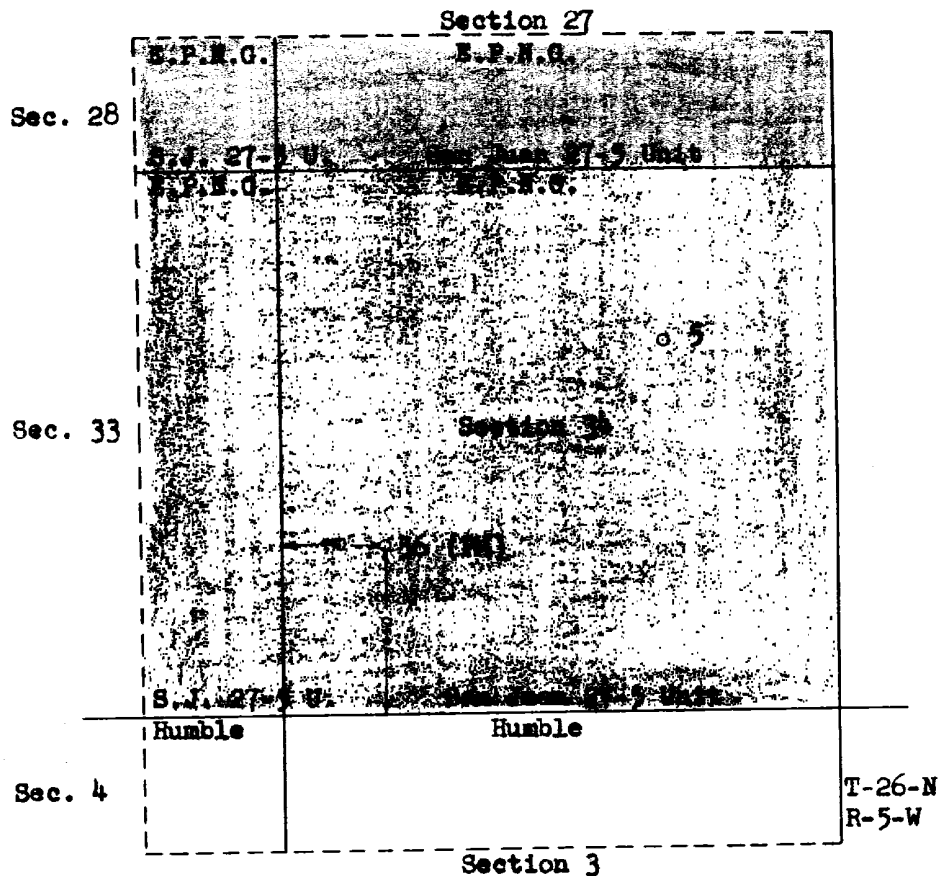
Ron Headrick

Checked By C. R. Wagner

Lewis D. Galloway
L. D. Galloway

PLAT SHOWING LOCATION OF DUALY COMPLETED
El Paso Natural Gas Co. San Juan 27-5 Unit No. 56 (PM)
and Offset Acreage

T-27-N
R-5-W



RECEIVED
OIL CON. DIV.
JAN 10 1956

EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE	DATE	No.
DRAWN BY	CHECKED BY	