

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

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 11-22-60

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ☒ _____

Gentlemen:

I have examined the application dated 10-27-60
for the EPNG San Juan LA A 15-30N-50W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

disapprove

Yours very truly,

Concepcion C. Hernandez
OIL CONSERVATION COMMISSION

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Blanco Mesa Verde & Wildcat Pictured Cliffs			County San Juan	Date October 27, 1960
Operator El Paso Natural Gas Company		Lease Sunray		Well No. 1-A (1M)
Location of Well A	Unit A	Section 15	Township 30N	Range 10W

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 ☐

2. If answer is yes, identify one such instance: Order No. **DC-1005** ; Operator, Lease, and Well No.:

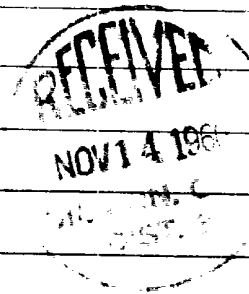
El Paso Natural Gas Co. San Juan No. 10 (1M)

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)	3174-3203	5412-5526
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 ^{Asst.} **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 by J. Wilson
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 perforation 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. McAnally, 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 24, 1960, I was called to the location of the El Paso Natural
Gas Company Sunray No. 1-A (PM) Well located in the NE1/4 of Section
15, Township 30 North, Range 10 West, N.M.P.M., for advisory service
in connection with installation of a production packer. In my
presence, a Guiberson Model "Shorty" Production packer was set in
this well at 4815 feet in accordance with the usual practices and
customs of the industry.

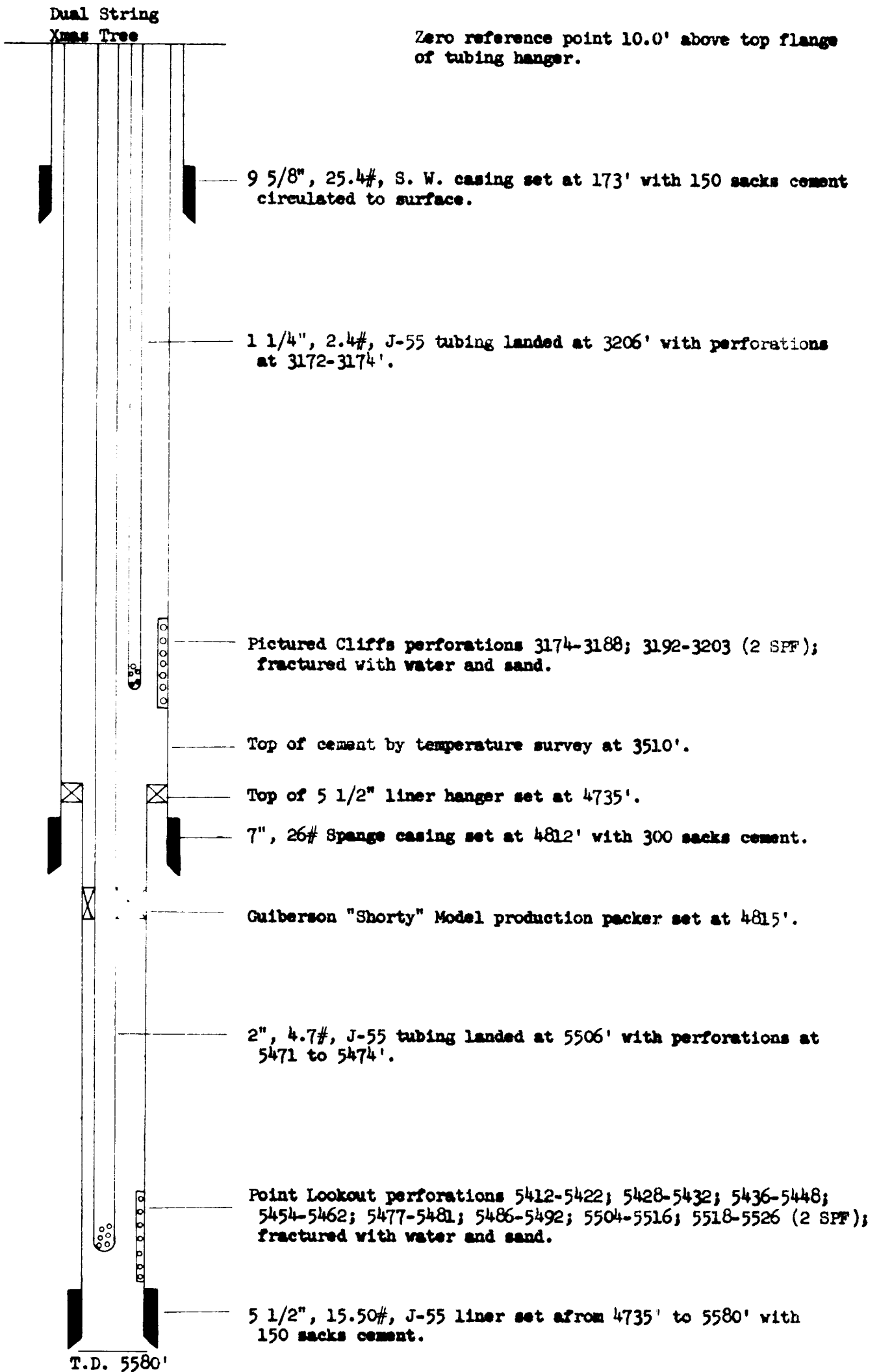
H. E. McAnally

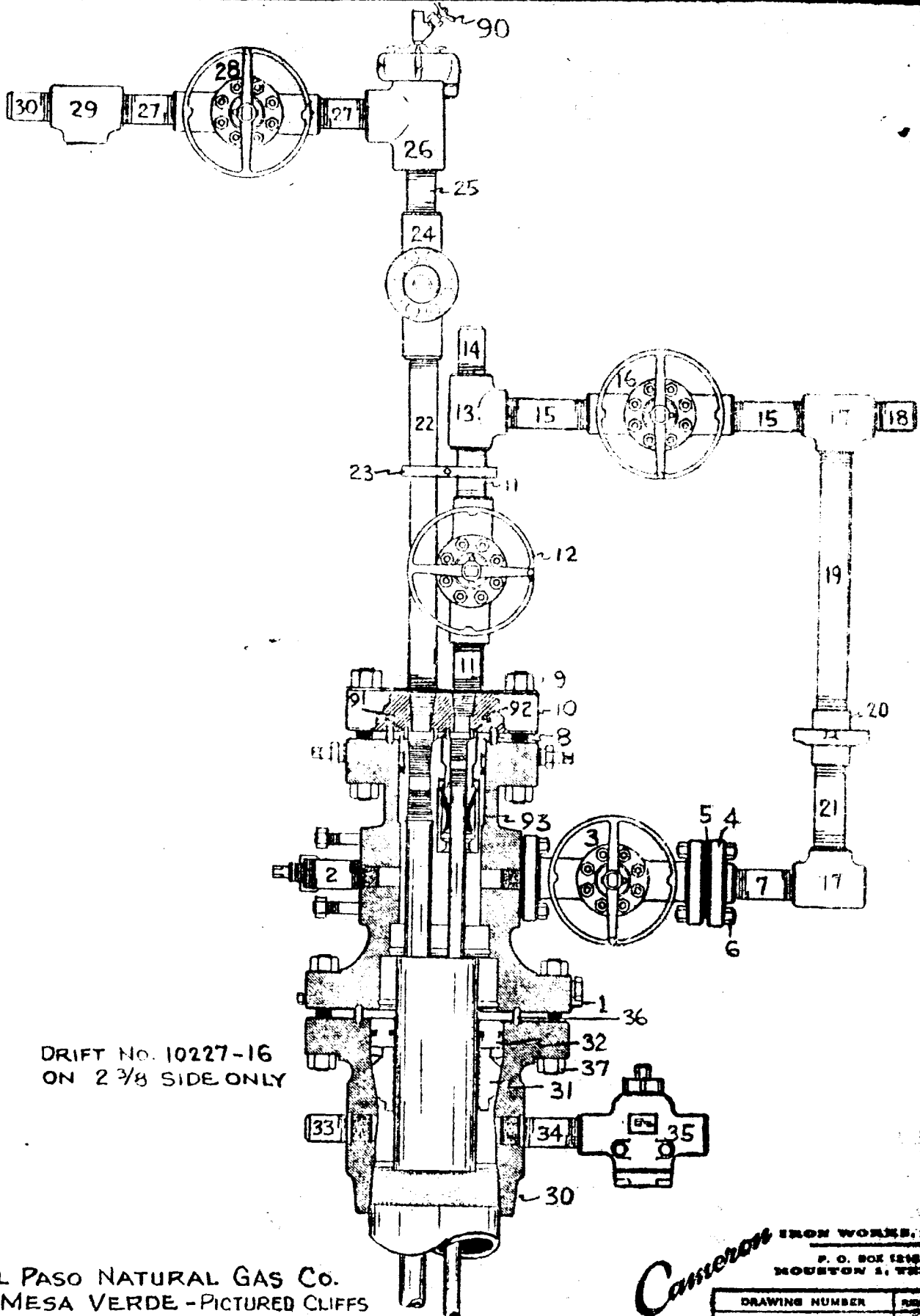
Subscribed and sworn to before me this 26th day of October,
1960.

M. Commission Expires 01-01-61

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

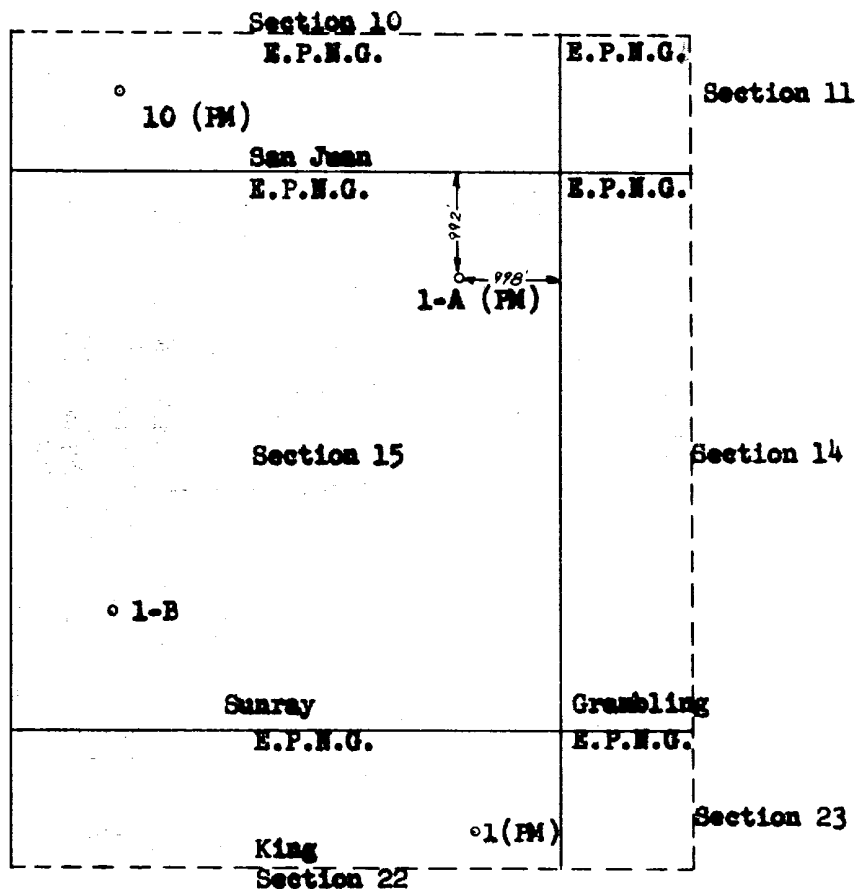
SCHEMATIC DIAGRAM OF DUAL COMPLETION
El Paso Natural Gas Co. Sunray No. 1-A (FM)
NE/4 Section 15, T-30-N, R-10-W





**PLAT SHOWING LOCATION OF DUALY COMPLETED
El Paso Natural Gas Co. Sunray No. 1-A (FM)
and Offset Acreage**

T-30-N
R-10-W



EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE

DATE

No.

DRAWN BY

CHECKED BY

EL PASO NATURAL GAS CO.
OPEN FLOW TEST DATA

DUAL COMPLETION

August 2, 1960

Operator El Paso Natural Gas Co.	Location 992N, 998E; 15-30N-10W	Well Sunray No. 1-A (OWWO) (MV)	State San Juan New Mexico
Formation Mesaverde	Set At Feet 7" 4812	Blanco MV 2" 5496	
Production 5412	5526	5580 c/o 5546	Shut-In 7/24/60
Sand Water Frac.			X

Choke Size, Inches .75	Choke Constant, C 12.365	5-1/2" liner from 4735 to 5580	
Static Pressure, PSIG 912 (PC)	Static Pressure, PSIG 924	Static Pressure, PSIG 868 (MV)	Static Pressure, PSIG 880
Flowing Pressure, PSIG 276	Flowing Pressure, PSIG 288	Flowing Pressure, PSIG Calc.	Flowing Pressure, PSIG 571
Temperature, F 70	Temperature, F 70	Temperature, F 70	Temperature, F 70
Ft.=.9905	.75	1.028	.670 Fg=.9463

Initial SIPT (P) = 912 psig
Final SIPC (P) = 915 psig

Guiberson "Shorty" Prod. Pkr. at 4815

CHOKE VOLUME $Q = C \times P \times E \times F_g \times F_v$

$$12.365 \times 288 \times .9905 \times .9463 \times 1.028$$

3431

MCF/D

$$Q = \left(\frac{P_s - P_w}{P_s - P_w} \right)^n$$

774400
448359

$$1.7271^{.75} \times 3431 = 1.5070 \times 3431$$

Ans

5171

MCF/D

Prepared By **Frank M. Clark**

Reviewed By

Checked By **T. B. Grant**

Lewis D. Galloway
L. D. Galloway