NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

APPLICATION FOR DUAL COMPLETION

ield Name	e C. R yt	County Rio Arriba	September 21, 1959	
Blanco N.V. & Scuth Minneo r.C. Ext.		120 741 594	Well No.	
erator El reso Matural Gas Company		n Juan 27-5 Unit	4 (H)	
	ction	Township	Range	
Well	29	278) 기계	
Has the New Mexico Oil Conservation (Commission heretofor	re authorized the dual completic	on of a well in these same pools or in the same	
zones within one mile of the subject we	II? YESNO) _ X		
If answer is yes, identify one such inst	ance: Order No	; Operator, Le	ease, and Well No.:	
The following facts are submitted:	Ur	oper Zone	Lower Zone	
			Mana Vanni	
g. Name of reservoir	lictured (Cliffs	Mess Verde	
b. Top and Bottom of				
Pay Section	3203-3304		5352-5494 (Point Lookov	
(Perforations) c. Type of production (Oil or Gas)	608		Gae	
d. Method of Production	<u></u>			
(Flowing or Artificial Lift)	Floring		Flowing	
The following are attached. (Please m				
El muso Hatural C		San Juan 27-5 Unit 0	OF!	
			OCT 1 1959	
· · · · · · · · · · · · · · · · · · ·			DIST. 3	
Were all operators listed in Item 5 above of such notification	ve notified and furnis	shed a copy of this application?	YES NO If answer is yes, give da	
		ivision Petroleum End	of the El Priso Natural Gas Co.	
CERTIFICATE: I, the undersigned, st	ate that I am the	sthotized by said company to me	ke this report; and that this report was prepared	
der my supervision and direction and the				
act my supervision and unrection and the			AL SIGNED E.S. OBERLY	
		U)t.d.iv	Signature	
Should waivers from all offset one	rators not accompan	y an application for administrat	ive approval, the New Mexico Oil Conservation	
Commission will hold the applicat	ion for a period of t	wenty (20) days from date of rec	eipt by the Commission's Santa Fe office. If,	
after said twenty-day period, no p				



STATE OF NEW MEXICO

COUNTY OF SAN JUAN

I, A. T. Fry, being first duly sworn upon my oath depose and say as follows:

I am an employee of Guiberson Corporation, and that on July 22, 1959, I was called to the location of the El Paso Natural Gas Company San Juan 27-5 Unit No. 4 (FM) Well located in the NENE/4 of Section 29, 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 Guiberson Model "AN" Production Packer was set in this well at 4730 feet in accordance with the usual practices and customs of the industry.

Subscribed and sworn to before me this 22nd day of September

a. J. Fuy

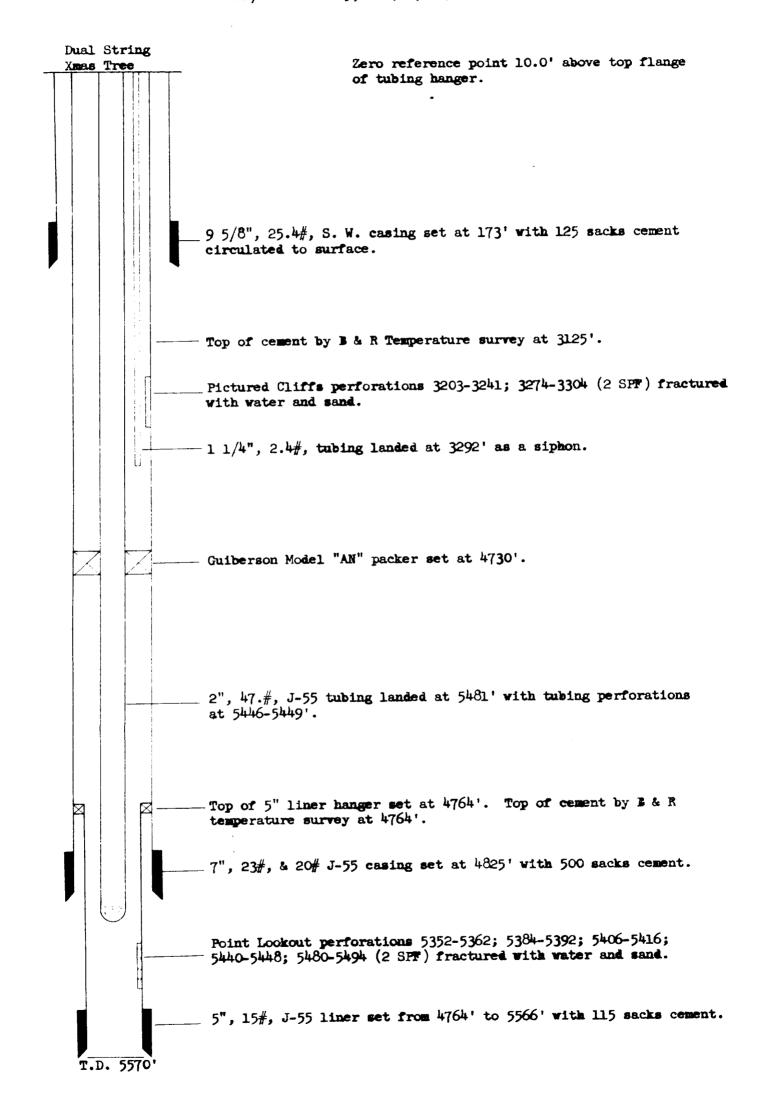
1959.

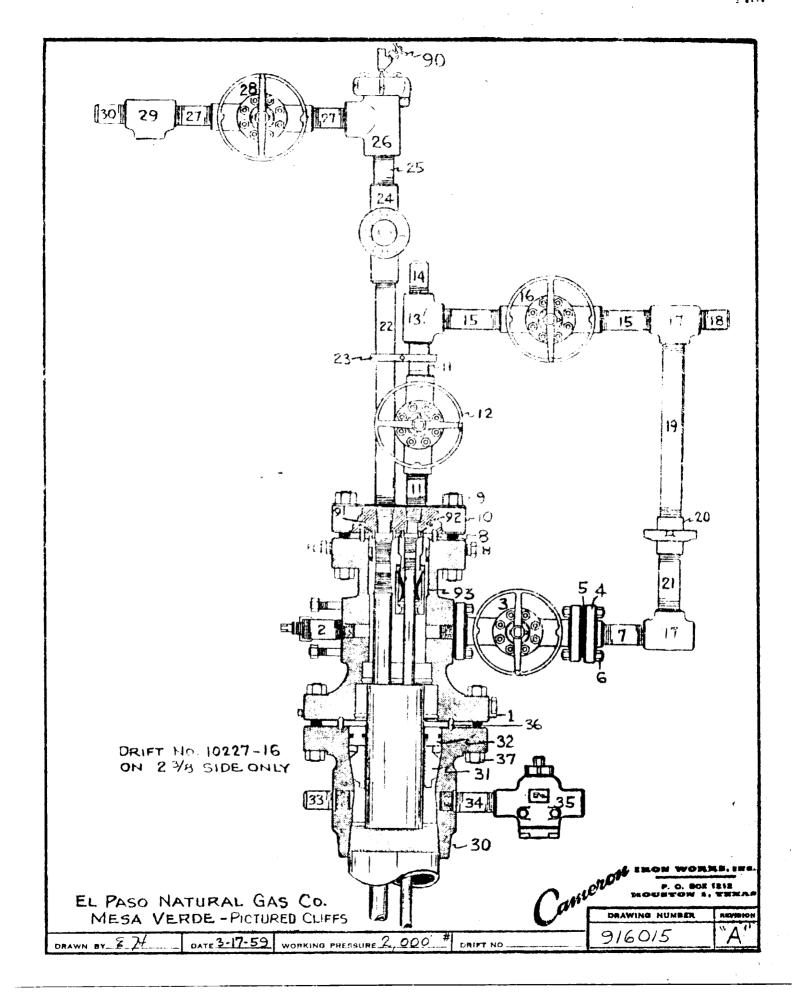
Notary Public in and for San Juan County,

New Mexico

My commission expires February 24, 1960.

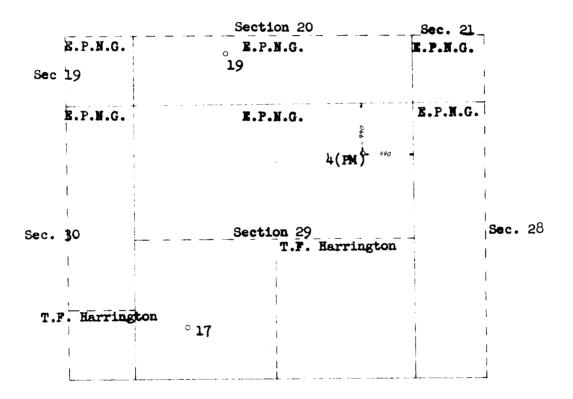
Schematic Diagram of Dual Completion El Paso Natural Gas Co. San Juan 27-5 Unit No. 4 (FM) *** NE/4 Section 29, T-27-N, R-5-W





PLAT SHOWING LOCATION OF DUALLY COMPLETED El Paso Natural Gas Co. San Juan 27-5 Unit No. 4 (PM) and Offset Acreage

T-27-N R-5-W



EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE
DRAWN BY
CHECKED BY

FORM 7- 132R (10-56)

OPEN FLOW TEST DATA

DHAL COMPLETION

1.18W 23-78 6+5F

DATE September 1, 1959

Operato:		Lease		
El Paso Natural Gas Company		San Juan 27-5 No. 4 (P) OWWO		
Locatio		County	prate	
990N, 990E; 29-27-5		Rio Arriba	New Mexico	
Formation		Pool		
Pictured Cliffs		The Undesign		
	Ar Feet	Tubing, Diameter	Set At Feet	
7	4825	1-1/4	3282	
Cay Zone 1991		Total Harr		
32 03	3304	5566 c/o 5525	Shut in: 7/22/59	
Stimulation Methold		Flow tog lasting	t swifter tigh tebing	
Sand Water Frac.		X		

Chure Size, Inches		Chake Itaista	ni n		
" Shut-In Press, re. Cas	.75 1020		12.365 Diga Scuttle 141	5" at 4764 - 5566 Shutter Processore Doing 1021 (PC)	PSIG - 12 - PSIA 1033
Flowing Pressure C	96	FF 3 - 12 FC A	108		PSIS - 12 - PSIA 114
Femperature: T	57		.85	1.007	.631

Initial SIPT (MV) = 1089 psig Final SIPT (MV) = 1075 psig Packer at 4798

CHOKE VOLUME - Q C x P x F x Fg x Fc

G 12.365 x 108 x 1.0029 x .9759 x 1.007 1316 MCF D

Aof 1330 MCF D

TESTED BY .. S. V. Roberts

WITNESSED BY .. Tom Smith (N.M.O.C.C.)

Lewis D. Salloway.

OPEN FLOW TEST DATA

DUAL COMPLETION

DATE August 11, 1959

Sand Water Frac.				X
Stimulation Method			Flow Through Casing	Flow Through Tubing
5 3 52		5494	5566 c/o 55	Shut In 7/22/59
Pay Zone From	τ _s		Total Depth	
7*	:	4825	2"	. 54 71
Castrig: Diameter	Set At. Feet		Tubing; Diameter	Set At. Feet
Mesa Verde			Blanco	
Firmation			Pool	
990N, 990E; 29-27-5			Rio Arriba	New Mexico
€ Scation :			County	State
El Paso Natural Gas			San Juan 27	'-5 No. 4 (M) (OWWO)
Operator			Lease	

Choke Size, Inches	Chake Constan	iti C		
• 7 5		12.365	5_ 4764 - 55	666 <u> </u>
Shut- n Pressure, Cas r	P3 5 1 12 - PSIA	Days Shut-In	Shut-In Pressure, Tubing	
991 (P	c) 1003	20	1089 (MV)	1101
	PS 5 - 12 - PSIA		Working Pressure Pw	PSIG JAMES PSIA
130		142	Calc.	281
Temperature, T	Fn		Fpv (From Tables	Gravit,
60		.7 5	1.016	.693

Initial SIPT (PC) = 992 psig Final SIPC (PC) = 994 psig

Packer at 4798'

CHOKE VOLUME Q C x P. x F. x Fg x FeV

12.365 x 142 x 1.000 x .9325 x 1.016

1664 ... MCF D

1212201 1133240 1.0696^{.75} x 1664 = 1.0510 x 1664

1749 MCF D 4.5t

regrange S. V. Roberts

with Essible Fred Cook, N.M.Q.C.C. Bill Dawson, N.P.N.G.

L. D. Galloway by Hold.

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

	DATE 10-21-59
OIL CONSERVATION COMMISSION	RE: Proposed NSP
BOX 871 SANTA FE, NEW MEXICO	Proposed NSL
	Proposed NFO
	Proposed DC
Gentlemen:	
I have examined the application dated	
for the EPNG Jan Juan 27-5 Um	
Operator Lease and Well No.	S-I-R - 29-27N-5W
and my recommendations are as follows:	~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~
approve	
Yours very tru	ly,
OIL CONSERVATION	ON COMMISSION
	A delle Kil