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

					DATE	12-7	-6	0
OIL CONS	SERVATION COMMIS	SION			RE:	Proposed	NSP	
	, NEW MEXICO					Proposed	NSL_	
						Proposed	NFO_	<del></del>
						Proposed	<u></u>	
Gentleme	ın t							
I h	ave examined th	e applicati	on dated_		30 -	60		
for the	ave examined th	51428	-1 #	45 (PM)	1-2	7-28	-7	
	Operator	Lease and	Well No.		S-T-R			
and my r	ecommendations	and as foll	Oly o t					
and my i	. 3	ere e2 1011	OW 5 a					
- 1969	prove							prillipses
				_				
								<del></del>
			<del></del>					<del></del>
			Yours ver	y truly,				
			OIL CONSE	RVATION CO	OMMISSION	j		
			a.R.	Tema	frield			

SANTA FE, NEW MEXICO

# APPLICATION FOR DUAL COMPLETION

ield Name <b>Elanco M. V. &amp; Wildest Fictu</b>		red Cliffs Rio Arriba		Date November 30, 1960
perator		Lease		Well No.
al iaso Matural Cas Compa	Section	(36E)	Juan 20-/ Unit	45 (IM)
Well L	27		2 N	Range
		heretofore a		etion of a well in these same pools or in the same
zones within one mile of the subjec		X NO		saint.
If answer is yes, identify one such	instance: Ord	er No. X:-	Operator,	, Lease, and Well No.:
il raso Natural Cas Compe	my san <b>Ju</b>	an 28-11	Unit 16. 2 (IM)	
The following facts are submitted:		Upper Zone		Lower Zone
			•	
a. Name of reservoir	r cur	ed Clar	8	Mess Verde
b. Top and Bottom of Pay Section				
(Perforations)	2/06-2	7145		4330-5055 (CH & F. L.)
c. Type of production (Oil or Gas)	Gas	140		Ges
d. Method of Production				
(Flowing or Artificial Lift)	Flowin	E		Ploving
The following are attached. (Please	e mark YES of	NO)		
List all offset operators to the lease	e on which this	s well is loca	ated together with their co	orrect mailing address.
				SI IIA Fr
			<del></del>	1000
				OLC COW.
				1 050
				A MA WAR
Were all operators listed in Item 5 al	hove notified -	nd fu=i=1 - 1	a convert this is the	2 VEC NO V
of such notification	oove nounted a	ua iumished	a copy of this application	n? YESNO If answer is yes, give da
				gr. of the M raso Natural Gas Co.
(com	pany), and that	I am author	ized by said company to r	make this report; and that this report was prepared
er my supervision and direction and	that the facts s	stated therein	n are true, correct and con	mplete to the best of my knowledge.
			05.0:11.	1 CIOLED E C
			HE G NA	T SHERE I D BOENE
			UR G.NA	L SIGNED E.S. OBERLY
Should waivers from all offset o	perators not ac	CCOMBANY an		oignature
Should waivers from all offset o Commission will hold the applic	perators not accation for a per	company an	application for administra	ative approval, the New Mexico Oil Conservation
Commission will hold the applic	cation for a per	iod of twenty	application for administra y (20) days from date of re	ative approval, the New Mexico Oil Conservation eccipt by the Commission's Santa Fe office. If,
Commission will hold the applic after said twenty-day period, no TE: If the proposed dual completion	eation for a per protest nor re- will result in a	iod of twenty quest for hea an unorthodo	application for administra y (20) days from date of re tring is received by the Sa x well location and/or a r	ative approval, the New Mexico Oil Conservation

STATE OF NEW MEXICO )
COUNTY OF SAN JUAN

I, R. G. Miller, Being first duly sworn upon my oath depose and say as follows:

I am an employee of El Faso Natural Gas Company, and that on August 15, 1960, I was called to the location of the El Paso Natural Gas Company San Juan 26-7 Unit No. 45 (PM) Well located in the NWSW/4 of Section 27, Township 28 North, Range 7 West, N.M.P.M., for advisory service in connection with installation of a production packer. In my presence, a Cuiberson Model "Shorty" Production Packer was set in this well at 2864 feet in accordance with the usual practices and customs of the industry.

Subscribed and sworn to before me the 30th day of November, 1960.

Motary Public in and for San Juan County, New Mexico

Men Mexico

My commission expires October 5, 1964.

## Plat Showing Location of Dually Completed El Paso Natural Gas Co. San Juan 28-7 Unit No. 45 (PM) and Offset Acreage

T-28-N

R-7-W Section 22 E.P.N.G. B.P.N.G. o 54 Sec. 21 San Juan 28-7 Unit 28-7 Unit E.P.N.G. E.P.N.G. ° 73 °52 Sec. 28 Section 27 45 (PM) 26-7 Unit San Juan 28-7 Unit E.P.N.G. E.P.N.G. al (PM) Sec. 33 ∘91 (PM)

San Juan 28-7 Unit

Section 34

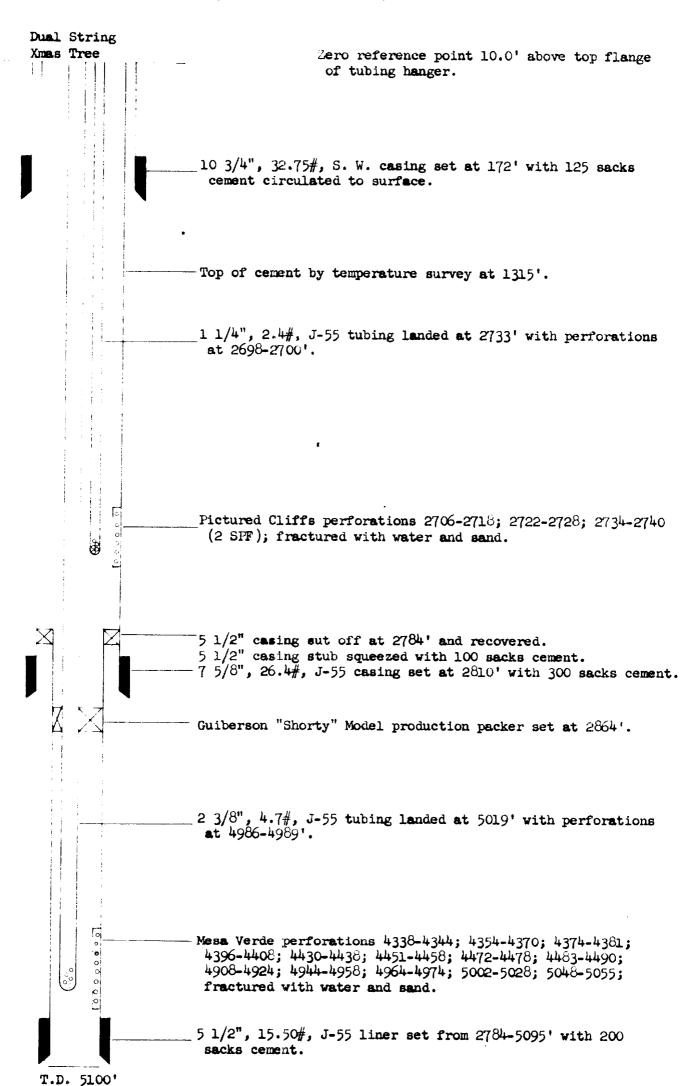
28-7 Unit

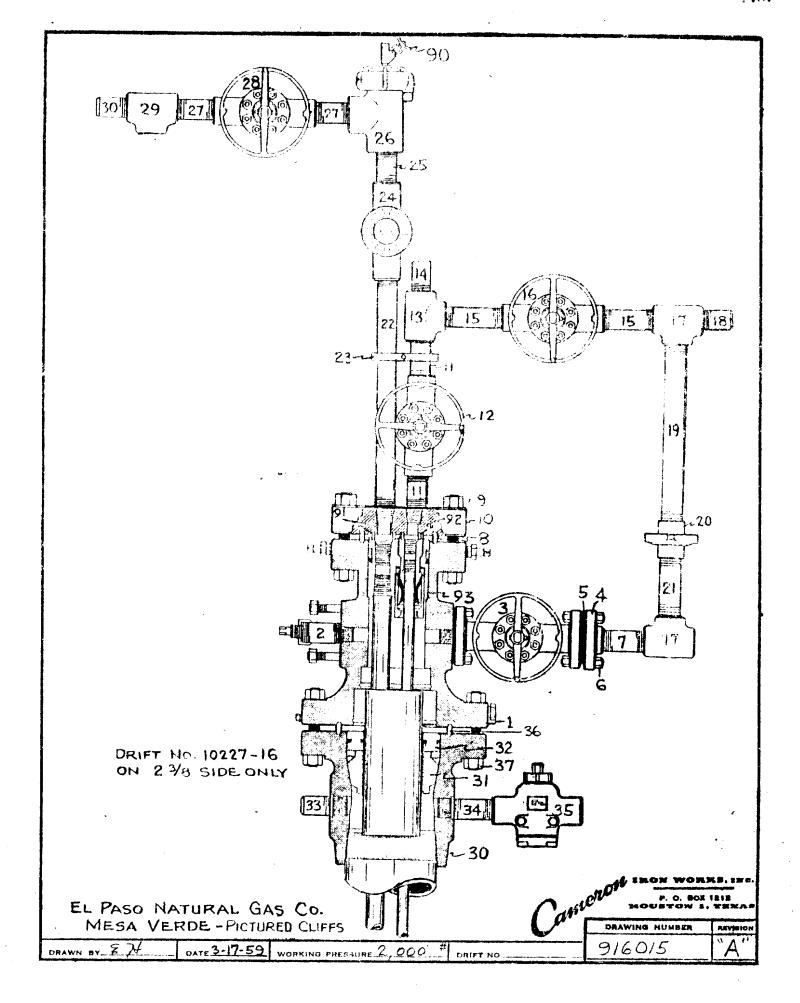
EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE DATE
DRAWN BY CHECKED BY

FORM 7- 132R (10-56)

# Schematic Diagram of Dually Completed El Paso Natural Gas Co. San Juan 28-7 Unit No. 45 (PM) SW/4 Section 27, T-28-N, R-7-W





## OPEN FLOW TEST DATA

DUAL COMPLETION

COHMIZATER CREEK, 11-59

October 27, 1960 DATE

Operator		Lease	1 m 4ma3
El Paso Natural	Gas Company	San Juan 28-7 No	• 45 (PC)
_oudtion		County	State
1700'S, 1050'W,	27-28 <b>n-7</b> w	Rio Arriba	New Mexico
armation		Poci	<del></del>
Pictured Cliffs		South Blanco P.C	. (Ext.)
Casing: Dian eter	Set At: Feet	Tubing: Diameter	Set At: Feet
7-5/8"	2810	1-1/4*	2723
Pay Zone, From	To	Total Depth;	Shut In
2706	2740	5100	8-15-60
otimulation Method	· · · · · · · · · · · · · · · · · · ·	Flow Through Casing	Flow Through Tubing
Sand/Water Frac.		<b>x</b>	Þ

Chake Size, Inches 0. <b>75</b>			e Constant: C		5-1/2" Liner fr Guiberson "Short	rom 2751 ty" Prod	to 5095 Pkr. at 2864	•
Shut-In Pressure, Cas	ing,	PSIG + 12	PSIA D	lays Shut-In	Shut-In Fressure, Tubing	PSIG	12 PSIA	
(PC)	987		999	73	(PC) 988	3	1000	
Slowing Pressure; P	_	PSIG · 12	= PSIA		Working Pressure: Pw	PSIG	12 - PSIA	
	85		9 <b>7</b>		87		99	
Temperature:		n			Fpv (From Tables)		Gravity	
. т <b>59</b> г	F+ 1.	.0010	0,850		1.011		.700 fg .	9258

Initial SIPT (MV) = 918 psig

Final SIPC (MV) = 918 psig CHOKE VOLUME OQ C x P, x F, x Fg x For

Q 12.365 X 97 X 1.0010 X .9258 X 1.011

1124 MCF/D

OPEN FLOW A of Q 
$$\begin{pmatrix} & & & & \\ & & P_c & & \\ & & P_c & P_w & \end{pmatrix}$$

Aof 
$$\left(\begin{array}{c} 1,000,000\\ 990,199 \end{array}\right)^n = (1.0098)^{-85} (1124) = (1.0085)(1124)$$

Aof

1133 MCF. D

TESTEL BY

Tom Grant

WETTER SECTION

Checked by W. D. Dawson

### HOLE AND THE STATE OF THE METANA OPEN FLOW TEST DATA

#### DUAL COMPLETION

DATE August 25, 1960

El Paso Natural Gas	Co.	San Juan 28-7 No. 45 (M); (OWWO)		
1700s, 1050W; 27-28P	1-7W	Rio Arriba	New Mexico	
Mesaverde		Elanco		
<b>7-</b> 5/8	2810	2"	5009	
4338	5055	5100 c/o	8/15/60	
Sand Water		taring the decision	<b>X</b>	

** / / *	.75		12.365 5-1/2" liner from 2751 to 5095		
	(PC) 1012	1024	9	(MV) 851	863
	233	245	5	Calc.	471
67	•9933	.75	5	1.025	.670 .9463

Initial SIPT (P) = 1010 psig Final SIPC (P) = 1017 psig

Guiberson "Shorty" Prod. Packer at 2864

12.365 x 245 x .9933 x .9463 x 1.025 2919

1.4242<sup>.75</sup> x 2919 = 1.3040 x 2919

3806 Blew a heavy fog during the entire test.

Frank Clark

Checked By W. D. Dawson