NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Letter SF 7-17-7-3-58

#### APPLICATION FOR DUAL COMPLETION

Field Na <b>Tapa</b>	me cito P. C. Ext.	& Blanco M.	٧.	County Rio Arribs		July 6, 1959	
Operator El Paso Natural Gas Company			Lease	1 MAG SEPTE		Vell No.	
			I	Juan 27-4 Unit	"	21 (28)	
ocation	Unit	Section	· · · · · · · · · · · · · · · ·	Township	R	lange	
of Well	В		30	27N		LIM	
					tion of a well i	n these same pools or in the same	
	within one mile of the		ES NO				
. If ans	swer is yes, identify one	such instance: O	rder No. DC	; Operator,	Lease, and Wel	ll No.:	
	<b>21.</b> 7	asc Natural	Gas Comp	any Son Juan 27-4 U	lait No. 17	(£M)	
. The f	ollowing facts are submi	<del></del>					
			Upp	er Zone		Lower Zone	
	ame of reservoir	i i	letured C	Liffs		Nesa Verde	
<b>b.</b> To	op and Bottom of						
	Pay Section						
	(Perforations)		20-3030			6000-6122 (Fuint Looks	
	ype of production (Oil or	Gas) Gr	3.0				
d. Me	ethod of Production					eran a	
	(Flowing or Artificial Lollowing are attached. (		ovine.			Flowing	
No List a	operators of all leas  c. Waivers consenting been furnished copi  d. Electrical log of the thereon. (If such logothere)	ses offsetting appl g to such dual comes es of the application he well or other ac g is not available	icant's lease apletion from on.* ceptable log at the time a	each offset operator, or in li	eu thereof, evidoducing zones a	, and the names and addresses of dence that said offset operators have and intervals of perforation indicated provided by Rule 112-A.)	
of suc	ch notification			•		O If answer is yes, give date	
		(company), and t	hat I am auth		ake this report	; and that this report was prepared	
				ORIG!N/	AL SIGNED	E.S. OBERLY	
C	hould waivers from all o Commission will hold the fter said twenty-day peri	application for a	accompany a	an application for administra	tive approval, t	ature the New Mexico Oil Conservation	

### New Mexico Oil Conservation Commission

1000 RIO BRAZOS ROAD

July 15, 1959

Mr. D. P. Muree Ameroda Petroleum Corporation Bez 43 Bloomfield, New Maxico

Ret Jioarilla Apache "A" #3
Dual Completten, N-23-25N-5V
Rio Arriba County, New Mexico

Dear Mr. Purset

Information on packer test form submitted July 14, 1959 for subject well indicates communication between the Chacra and Dakota sonce.

Remedial action must be performed as soon as practical and must be initiated before August 15, 1959.

Further tests may be taken by your company to aid in learning the type and location of point of communication.

Notices of intent and subsequent reports of the remedial action shall be filed in a normal procedure through the U.S. C.S. Office in Paraington.

If we can be of excistance, please contact us.

Yours very truly

A. R. Kendrick Engineer, District #3

oet Amerada Petroleum Corp. (4) Bleemfield, H.M.

> United States Scoloffici Survey Farmington, N.N.

Otl Canaervation Commission Santa Pa, N.N.

## New Mexics Oil Conservation Commission

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Well

# NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Ame	rada Petroleu	m Corporation	L	ease J. Ar	pache "A"	No3
Location of Well: Uni	+ N Sec 23	Twp. 25N	Pa	- <b>5</b> W	Count	r Rio Arriba
OI WELL. UIII	.u	<u> </u>	Type of Prod	Method	of Prod.	y Rio Arriba Prod. Medium
	Name of Rese	rvoir or Pool	(Oil or Gas)	(Flow or	Art. Lift)	(Tbg. or Csg.)
Upper	Chama		Com	I7e		Con
Completion Lower	Chacra		Gas	- FI	OW	Csg,
Completion	Graneros		Gas	FT	OW	Tbg.
		PRE-F	LOW SHUT-IN PRI		<del></del>	
Upper Hour, d		Length		SI pre		Stabilized?
Compl Shut-		time shu	t-in 7 days	psig		(Yes or No) Yes
Lower Hour, d Compl Shut-		Length	oi t-in 7 days	SI pre	903	Stabilized? (Yes or No) Yes
COMPTI ONGO	111 0-14-77		FLOW TEST NO		707	T(les of Mo) res
Commenced at	(hour, date)	×-			roducing (Upp	Lower):
Time	Lapsed time		sure	Prod. Zone	1	
(hour, date)	since*	Upper Compl.	Lower Compl.	Temp.	Rei	marks
11 AM 6-21-59	7 days	667	246	65 est.	Lower zone i	Town no.
U-21-27	7 442,5			0) 6302	LENCI ZOILO	TOWERS.
,						
I I						
<u> </u>						
Production ra	te during te	it		I		
Oil:	BOPD ba	ased on				avGOR
Gas: 320	]		thru (Orifice			
Upper Hour, d	ate 10.30 AM		EST SHUT-IN PRI	SI pre		Stabilized?
	in 6-14-59		t-in 21 day			(Yes or No) Yes
Lower Hour, d	ate 10:30 AM	Length	of	ISI pres	SS•	Stabilized?
Compl Shut-	in 6-29-59	time shu	t-in 7 day	s psig	825	(Yes or No) Yes
Commenced at	(hour date)	÷-¥-	FLOW TEST NO	J. Z	roducing (Unn	er on Lower):
Time	Lapsed time	Pres	sure	Prod. Zone		
(hour, date)	since **	Upper Compl.	Lower Compl.	Temp.	Rei	marks
11:30 AM						
7-6-59	7 days	205	761	65 est.	Upper zone	floring
					POT	N/K
					101	VIN
	<u> </u>				/ NLUL	IT LD
	1				.811 1	4 1959
	<del> </del>	<b></b>				N. COM.
					<b>\ -</b>	T. 3
-					Die	
Production rå	to during to	<u> </u>				
Oil:	DODD P	and on	Bbls. in	Hrs.	Grav.	GOR
Gas: 379		MCFPD; Tested	thru (Orifice	or Meter):	Meter	
		<del>-</del>				
REMARKS:	-			·	<del></del>	
I hereby cert	ify that the	information h	erein containe	i is true a	nd complete to	o the best of my
knowledge.	-					
A			Operate	or Amera d	a Petroleum C	orporation
Approved:	il Consemble	19_ ion Commission		1. 47	ture	£3
MEM MEYTOO	TT COURSELAGE	TOLL COMMITS STOL	الم الات		7100	
Ву	,		Title_	Foreman		
				T == +!	1050	
Title			Date	υ <u>υ</u> ΣΣ 14	<b>ナ</b> ブラブ	

900# 800 FLOW (UPPER COMP. dropped FROM 714# TO 667# - 7 700<sup>#</sup> IRST FLOW Period boot Course Coursed 50ot 300t 757 1000 ON (LOWER COMP.) Dropped FROM 825# TO 761# Closed in DANG FLOW Period 700 (upper Completion) dropped FROM 770# To 205# Flowed 7 days 200

STATE	of	NEW	MEXICO	)
				)
COUNTY	( 01	SA	n Juan	)

I, J. J. Tillerson, being first duly sworn upon my oath depose and say as follows:

I am an employee of El Paso Natural Gas Company, and that on May 26, 1959, I was called to the location of the Kl Paso Natural Gas Company San Juan 27-4 Unit No. 21 (PM) Well located in the NWNE/4 of Section 30, Township 27 North, Range 4 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 4071 feet in accordance with the usual practices and customs of the industry.

29 Tillerson

Subscribed and sworn to before me this 7th day of July,

1959.

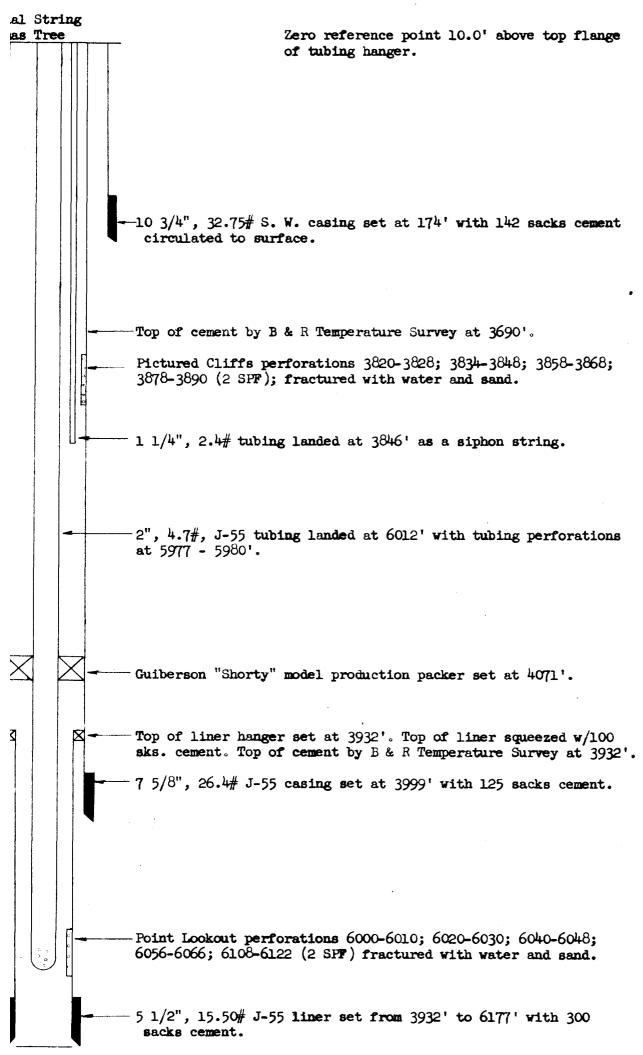
Notary Public in and for San Juan

County, New Mexico

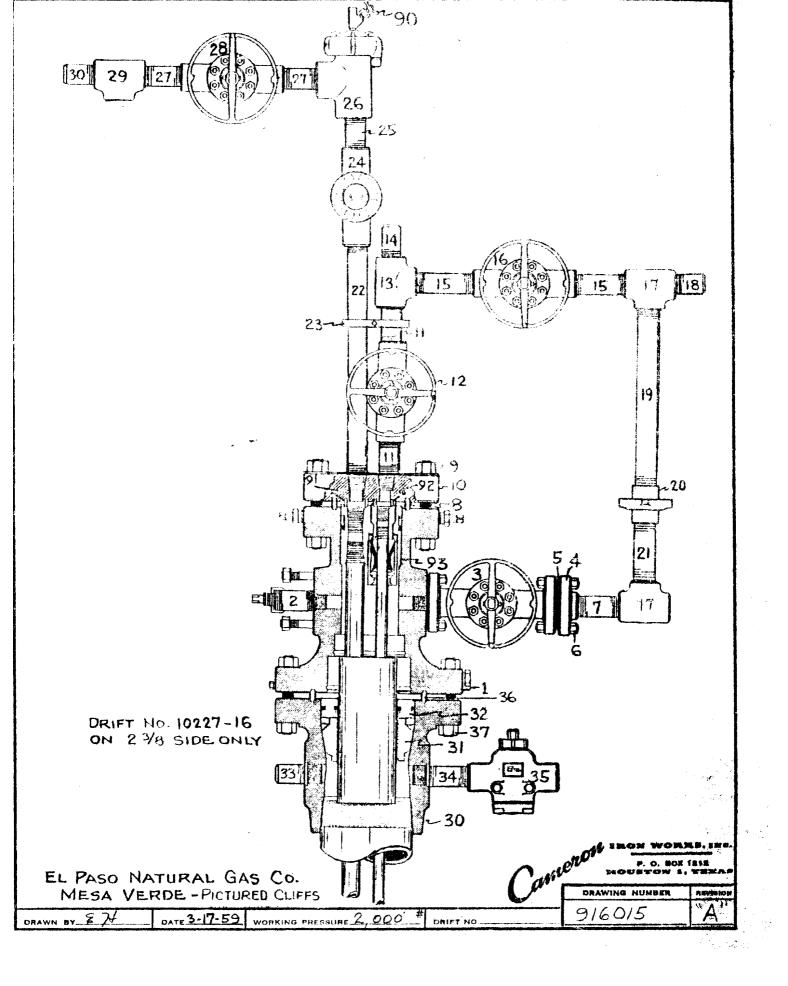
n de la companya de l'Architectura. La Richard de La Richard d La Richard de La Richar

والمراجع والمحاولة والمعاولة والمتعارض والمتعا

 $x_{1}=(x_{1},\dots,x_{N})$  , and when all  $a_{1}$  ,  $\ldots$  ,  $x_{N}$  , then are

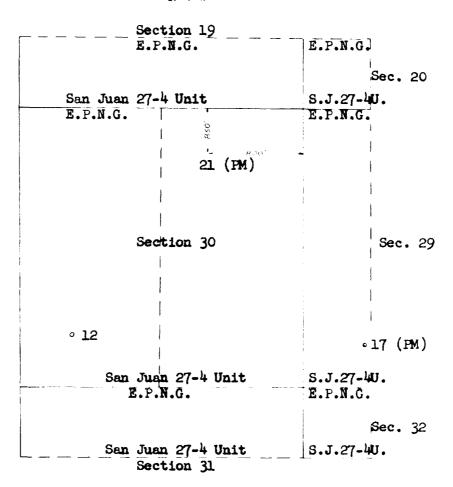


T.D. 6180'



# Plat Showing Location of Dually Completed El Paso Natural Gas Co. San Juan 27-4 Unit No. 21 (PM) and Offset Acreage

T-27-N R-4-W



EL PASO NATURAL GAS COMPANY

EL PASO, TEXAS

SCALE

DATE

DRAWN BY

CHECKED BY

FORM 7- 132R (10-56)

DU	AL COMPLETION	<sub>1A F</sub> June 5, 1959			
Oprinter		t <b>a</b>			
El Paso Natural G	as .	San Juan 27-4 No. 21 (M)			
850N, 1800E; 30-2	7-4	Rio Arriba	New Mexico		
Mesa Verde		Blanco			
7-5/8	Set All Faet   3999	2"	6002		
6000	6122	6177 c/o 6134	Shut In: 5/26/59		
Sand Water Frac.			<b>X</b>		

Miner Sign	ing ok ily ktaron		
.75	12.365		
958 (PC)	970	10 1112	(MV) 1124 (MV)
215	22 <b>7</b>	Calc.	464
63	.75	1.022	.650
<u></u>		T/20	

Initial SIPT (PC) = 959 psig Final SIPC (PC) = 963 psig

CHOKE YOUGHE IS IN CONTRACT A FLOR FROM SINCE

Packer at 4071

12.365 x 227 x .9971 x .9608 x 1.022 2748

... ••€€ 5

 $1.2054^{.75} \times 2748 = 1.1505 \times 2748$ 

3162

Frank M. Clark

Fred Cook, N.M.O.C.C.

Checked By T. B. Grant

Peroto: El Paso Natural	Gas Company	San Juan 27-4 No.	21 ( <b>P)</b>	
850N, 1800E; 30	)-27-4	Rio Arriba	New Mexico	
ormation Pictured Cliffs	······································	Tapacito		
asing: Diameter 7- 5/8	Set At Feet <b>3</b> 999	Tubina Dimensi 1-1/4	Set At   Fect   3836	
ay Zone: from 3820 timulation Method	<b>3890</b>	Total Capth 6177 c/o 6134	Shut In: 5/26/59	

Choke Size, Inches	Choka Constant	_	5-1/2 liner 393	2-6177	
Shuttin Pressure Casing, 1007 (PC)	PSIG 12 (PSIA 1019	Days Factors 23	Shirtan Presson, Tushi,	PSIG 12 Pt L <b>009 (PC)</b>	1021
Flowing Pressure: P	PSIG - 12 PSIA <b>200</b>		Working Presculer Pw. 196	PSIG 12 PS	208
Temperature: T	.85		Frv (From Yables) 1.021	Gravit,	.689

Initial SIPT (MV) = 1121 psig Final SIPT (MV) = 1123 psig

Packer at 4071

CHOKE VOLUME . Q . C x P, x F, x Fg x Fev

C 12.365 x 200 x .9971 x .9359 x 1.021

**2356** \_\_\_\_\_MCF\_D

OPEN FLOW Asi Q  $\left(\begin{array}{c} \frac{2}{P_c} \\ \frac{2}{P_c - P_w} \end{array}\right)^n$ 

1042441 999177 1,0432.85 x 2356 = 1.0366 x 2356

Aof \_\_\_ 2442 \_\_ MCF D

TERTED 34 S. V. Roberts

WITNESSED BY F. Cook (N.M.O.C.C.)

Lewis D. Salloway.