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

	D	ATE_	ن	- '	- (	00
OIL CONSERVATION COMMISSION	R	E:	Proposed	NSP		
BOX 871 SANTA FE, NEW MEXICO			Proposed	NSL_		
			Proposed	NFO_		
			Proposed	DC_		/
Gentlemen:						
I have examined the application dat	ed	<u> </u>	60			
I have examined the application date for the FPNC Running	# 137 K-	24	27-	7		
Operator Lease and Well	No. S-T-	R				
and my recommendations are as follows:						
Chiswel						
			والجدائة في المراجع المالية ا			ı
Yours	yery truly,		•			
OT L	ONSERVATION COMMIS	STAK				
OIL C	OUSERANTION COMMITS	O TON	l			

# NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

## APPLICATION FOR DUAL COMPLETION

eld Nai	ne			County	Date	
Blanco Mesa Verde & Wildcat Da				Rio Arriba		
Operator  El Paso Natural Gus Compan			Lease		Well No.	
		Section Section		n Unit	Range	
ocation	Unit K	Section 24		27 <b>n</b>	7W	
Well		vation Commission	heretofore autho	rized the dual complet	etion of a well in these same pools or in the same	
zones	within one mile of the sub wer is yes, identify one su	ject well? YES_	NO <b>X</b> _	-		
The f	ollowing facts are submitte	ed:	Upper Zor	ne	Lower Zone	
a. Na	ime of reservoir	Mesa V	erde		Dakota	
ь. То	op and Bottom of					
	Pay Section		_		7474-7536 (Graneros)	
	(Perforations)	5456-5	596		7612-7686 (Dakota)	
,	pe of production (Oil or G	as) Gus			Gas	
	ethod of Production	197	E I		Flowing	
	(Flowing or Artificial Lift ollowing are attached. (Pl				• ***	
List	all offset operators to the	ease on which this	s well is located	together with their co	RUMAN AND ADDRESS.	
					FEB29 1960	
					OIL COM.	
					DIST. 8	
of su	ch notification			_·	on? YES NO If answer is yes, give da	
		(company), and tha	t I am authorized	l by said company to n	make this report; and that this report was prepared	
der my	supervision and direction	and that the facts	stated therein as		omplete to the best of my knowledge.  G'NAL SIGNED E.S. OBERLY	
				טוויט		
;	Should waivers from all off Commission will hold the a	set operators not a application for a pe	ccompany an apperiod of twenty (2	plication for administration of real o	Signature  mative approval, the New Mexico Oil Conservation receipt by the Commission's Santa Fe office. If,	
OTE:	If the proposed dual compl	etion will result in	an unorthodox w	rell location and/or a s	Santa he office, the application will then be proces a semi-standard proration unit in either or both of the desimal amounts with this application.	

STATE OF NEW MEXICO
COUNTY OF SAN JUAN

I, Mack M. Mahaffey, being first duly sworn upon my oath depose and say as follows:

I am an employee of Baker Oil Tools, Inc, and that on January 15, 1960, I was called to the location of the El Paso Natural Gas Company Rincon Unit No. 137 (MD) Well located in the NESW/4 of Section 24, Township 27 North, Range 7 West, N.M.P.M., for advisory service in connection with installation of a production packer. In my presence, a Baker Model "D" Production Packer was installed in this well at 6727 feet in accordance with the usual practices and customs of the industry.

Mark m. makeffy

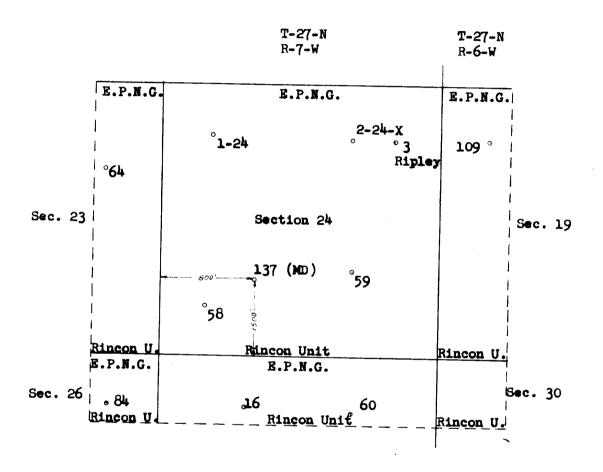
Subscribed and sworn to before me this 24th day of February, 1960.

Notary Public in and for San Juan County,

New Mexico

My commission expires February 24, 1960.

# PLAT SHOWING LOCATION OF DUALLY COMPLETED El Paso Natural Gas Co. Rincon Unit No. 137 (MD) and Offset Acreage



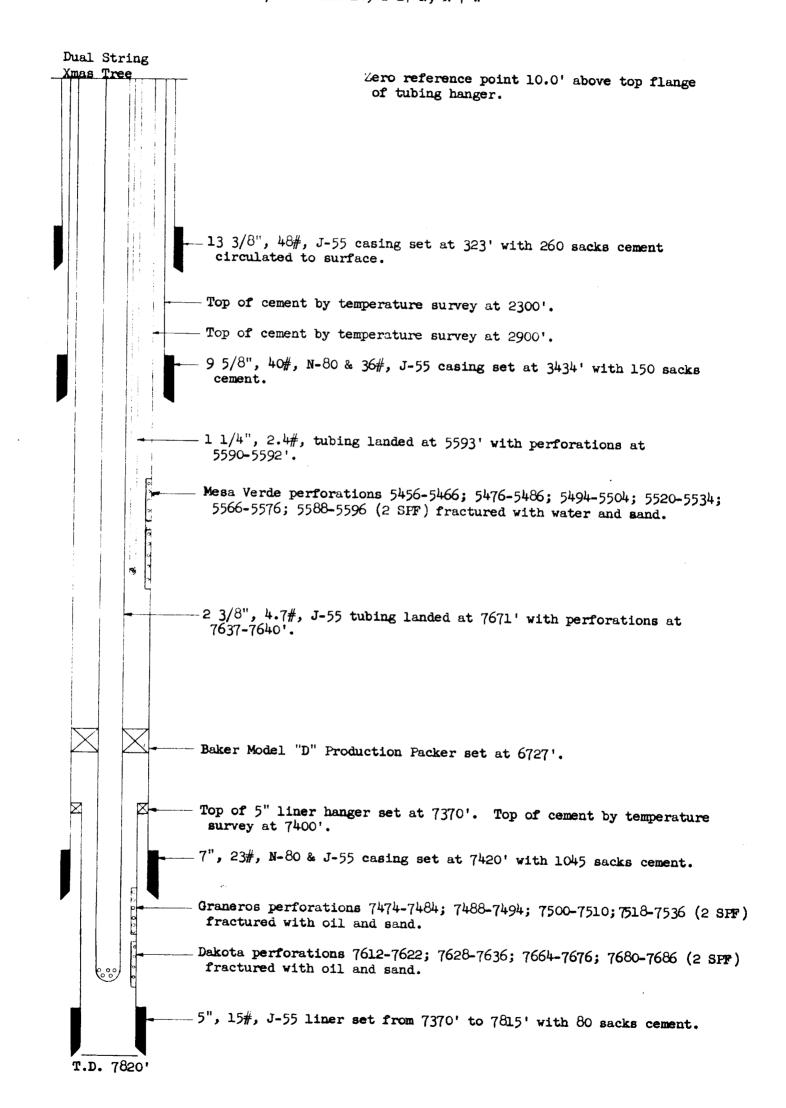
EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE DATE No.

FORM 7-132R (10-56)

## SCHEMATIC DIAGRAM OF DUAL COMPLETION El Paso Natural Gas Co. Rincon Unit No. 137 (MD) SW/4 Section 24, T-27-N, R-7-W

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## OPEN FLOW TEST DATA

DUAL	COMPL	RTI	ON

Operator				ebruary 4, 1960
El Paso Natu	iral Gas Company		Lease Rincon Unit	No. 137 (D)
Location			County	State
1500s, 1800w	1; 24-27-7			New Mexico
Formation			Pool	
Dekota			Undesignated	
Casing: Diameter	Set A1: Feet		Tubing: Diameter	Set At: Feet
Pay Zone: From	To	" 1oT2 "	Total Depth:	7661
7474		7686	c/o 7778	
Stimulation Method			Flow Through Casing	Flaw Through Tubing
Sand Oil Fre	<b>MG</b> •		· · · · · · · · · · · · · · · · · · ·	X
			······································	
Choke Size, Inches	Choke Consta	nt: C		
.75	:	12.365	7" at 7420,	5" liner 7370-7815
Shut-In Pressure, Casing,	PSIG 12 PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG 12 PSIA
1057	1069	19	2349 Working Pressure: Pw	2361
Flowing Pressure: P	PSIG + 12 = PSIA	C-1789	Working Pressure; Pw	PSIG + 12 - PSIA
565 Temperature:		2//	Calc. Fpv (From Tables)	Gravity
T 69 F Ft	.9915 .7	<b>'</b> 5		.700 Fg = .9258
	(MV) = 296 psig		Packer at672	
Q		Fg x Fpv 9915 x .9258	3 x 1.070	7008MCF/D
Q	12.365 x 577 x .	•	3 x 1.070	<b>7008</b> MCF/D
		•	3 x 1.070	<b>7008</b> MCF/D
PEN FLOW - Aof Q	12.365 x 577 x .	9915 x .9258	07 <sup>.73</sup> x 7008 = 1.321	,
PEN FLOW - Aof - Q Aof	12.365 x 577 x .	9915 x .9258		,
PEN FLOW - Aof Q Aof	12.365 x 577 x .  P. P. P. P.   5574321 5842465	9915 x .9258		,
PEN FLOW - Aof - Q Aof	12.365 x 577 x .  P. P. P.  5574 321 5842465	9915 x .9258	07 <sup>•75</sup> x 7008 = 1.321	8 x 7008
Aof =	12.365 x 577 x .  P. P. P.  5574321 5842465	9915 x .9258	07 <sup>•75</sup> x 7008 = 1.321	8 x 7008
PENFLOW Aof Q  Aof =  Aof =  TNESSED BY	12.365 x 577 x .  P. P. P.  5574321 5842465	9915 x .9258	07 <sup>•75</sup> x 7008 = 1.321	,

#### EL PASO NATURAL GAS COMPANY

### OPEN FLOW TEST DATA



#### MAL CONTENTO

DATE Jemany 25, 1960

perator  II. Page Hatter	al Cas		Rineon Unit 157	(M)
Location 15008, 1800W; 24-27-7		County <b>Rio Arriba</b>	State Marriage	
Ness Verde		****	Pool	
Casing: Diemeter	Set At: Fe	7420	Tubing Diameter 1-1/4	Set At: Feet 5583
Pay Zone: From	5456 To	5596	Total Depth: c/o 7778	Shut In 1/16/60
Stimulation Method  Send Water Fr	RC •		Flow Through Casing	Flow Through Tubing

Choke Size, Inches	Choke Consta	Choke Constant: C		
v -	-75	12.365	7" at 7420	
Shut-In Pressure, asing, (MV) 1039	PSIG   12 PSIA <b>1051</b>	Days Shut-In	Shut-In Pressure, Tubing (MV) 504	PSIG + 12 + PSIA  516
Flowing Pressure P (MV) 61	PSIG + 12 PSIA	73	Working Pressure: Pw (MV) 204	PSIG 12 - PSIA 216
; Temperature: T- <b>56</b> F Fr	1.0039	·75	Fpv (From Tables)	Gravity .708 Fs = .9225

Initial SIFT (Dak) = 2249 psig Final SIFT (Dak) = 2261 psig Baker Model D packer at 6729

CHOKE VOLUME Q C x P, x F, x F, x F, x F, x

Q 12.365 x 75 x 1.0059 x .9225 x 1.011

845 MCF/D

MV Tog. appears to be loaded. Blow eily mist first 2 hours - Diminished to megligible last hour.

Aof 
$$\left( \begin{array}{c} 1104601 \\ 1057945 \end{array} \right)^{n} = 1.0441^{-78} \times 845 = 1.0329 \times 845$$

Aof : 873 \_\_\_ MCF/D

TESTED BY S. V. Roberts

WITNESSED BY\_\_\_\_\_

Lewis D. Halloway.