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

			147.42	<del></del>	<del></del>
OIL CONSERVATION COM	AL SSION	•	RE:	Proposed	NSP
BOX 871 SANTA FE, NEW MEXICO				Proposed	NSL
			•	Proposed	NFO
		•		Proposed	DC
				- 1	
				•	
Gentlemen:					
	the application d	lated to -			
			-6/-		· · · · · · · · · · · · · · · · · · ·
for the Fort	Lease and Wel		S-T-R	45 m	·
				-	
and my recommendation	is are as iotioma:	-		•	
- Chapter			<del></del>		· · · · · · · · · · · · · · · · · · ·
				1 20 1 1 1 4	-
			شور فورسي	·	
<u> </u>					المراجع بالمراجع والمراجع والم
	•				
·	You	rs very truly,			
		( a/.	ž . A		
	c)A	County			

## NEW MEXICO OIL CONSESSATION COMMISSION

SANTA FE, NEW MEXICO

## APPLICATION FOR DUAL COMPLETION

		Deep
eld Name	Grunty	Date The Control of t
rator	Lease	Vell No.
M. Dave School day Street	San Area Mile State	
tion Unit Section	Township	Range
41	7	
s the New Mexico Oil Conservation Comm	nission heretofore authorized the dual o	completion of a well in these same pools or in the same
nes within one mile of the subject well?	YESNO	
answer is yes, identify one such instance	: Order No; Ope	rator, Lease, and Well No.:
S. Street Street, Street, Street,		And .
he following facts are submitted:		
	Upper Zone	Lower Zone
Name of reservoir		
Top and Bottom of		
Pay Section		
(Perforations)		
Type of production (Oil or Gas)		
Method of Production		
(Flowing or Artificial Lift)		
e following are attached. (Please mark )	(ES of NO)	
t all offset operators to the lease on whi		
ii		COLLAR.
11.		REGELYCH
		DEC 1 9 1964
		CON. COM
re all operators listed in Item 5 above ac	rified and furnished a copy of this appl	ication? YES NO . If er is yes, give date
such notification		
RTIFICATE: I, the undersigned, state t	hat I am the date thanks	of the Shared Car Co.
_ · · · · · · · · · · · · · · · · · · ·		ny to make this report; and that this report was prepared
		and complete to the best of my knowledge.
		IGINAL SIGNED E.S. OBERLY
		Signature
•		ninistrative approval, the New Mexico Oil Conservation
Commission will hold the application for	or a period of twenty (20) days from dat	te of receipt by the Commission's Santa Fe office. If,
after said twenty-day period, no protest	t nor request for hearing is received by	the Santa Fe office, the application will then be processed
		or a non-standard proration unit in either or both of the filed simultaneously with this application.

FIAT SHOWING LOCATION OF DUALLY COMPLETED El Paso Natural Gas Co. San Juan 27-5 Unit No. 64 (FM) and Offset Acreage

> T-27-W R-5-W



**ILLEGIBLE** 

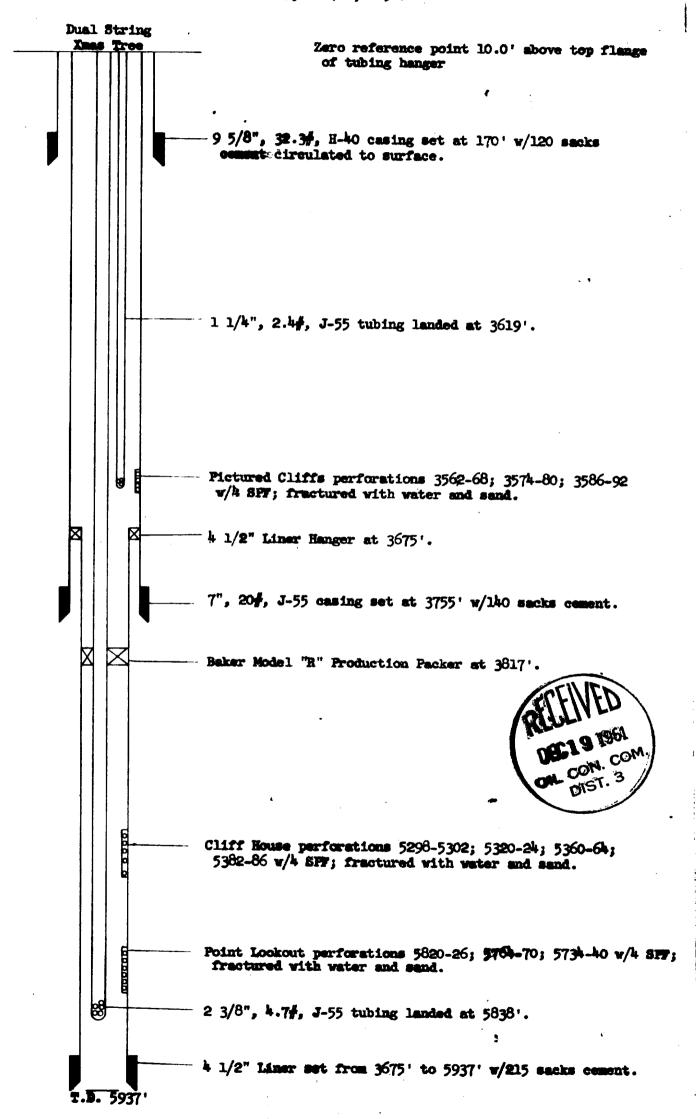


EL PASO NATURAL GAS COMPANY

SCALE DATE No.
DRAWN BY CHECKED BY

FORM 7- 132R (10-56)

## SCREMATIC DIAGRAM OF DUALLY COMPLETED El Pase Natural des Co. San Juan 27-5 Unit No. 64 (FM) Section 9, T-27-N, R-5-W



#### EL PASO NATURAL GAS COMPANY

### OPEN FLOW TEST DATA

DHAL COMPLETION

DATE \_\_\_ Hovember 16, 1961

Operator  El Paso Natural Gas Company  Location 890's, 800'W, Sec. 9-27-5  Formation Pictured Cliff		San Juan Unit 27-5 No. 64 (PC)	
		County Rio Arriba	State <b>New Mexico</b>
		Poo' <b>Tapacito</b>	
Casing: Orameter	Set At: Feet 3745	Tubing: Diameter	Set At: Feet <b>3619</b>
ay Zane: From 3562	3592	Total Depth: 5937 C/0 5913	Shut In 11-8-61
Sand/Water Fra		Flow Through Casing	Flow Through Tubing

Chake Size, Inches	Chake Constant	r: C				
.750	12.36	5	Baker "R" Pkr.	et 3817	7	•
Shut-In Fransure, Casing,	PSIG + 12 - PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	· 12 PSIA	
1025 (PC)	. 1037	. 8 .	. 957 (PC)	-	969	
Flowing Pressure, P	PSIG - 12 PSIA		Working Pressure: Pw	PSIG	· 12 · PSIA	:
Lemperature:	. 231		Fpv (From Tables)	-•	<b>256</b> Gravity	
1 62 F F	.9981 .85		1.022	-	.6 <b>50</b> Fg	• <b>960</b> 8

Initial SIPT (MV) = 1085 psig Final SIPT (MV) = 1088 psig

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

0 (12.365)(231)(.9981)(.9608)(1.022)

**27**99

MCF 'D

OPERIFLOW Anf 
$$Q = \begin{pmatrix} & & & \\ & & P_c & \\ & P_c & P_w & \end{pmatrix}$$

$$\begin{pmatrix} 1,075,369 \\ 1,009,833 \end{pmatrix} \qquad (1.0648)^{*85}(2799) = (1.0548)(2799)$$

Act

2952

resolution R. F. Headrick

WITSESSEL BY

Checked by: W. D. Dawson

MCF D



### EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

TY	ITAT.	COMPLETION	ľ
			8

DATE \_\_ Hovender 28, 1961

Operator  El Paso Hatural Gas Company		Ben Juan 27-5 No. 64 (MV)		
Location	•	County	State	
890's, 800'W,	Sec. 9-27-5	Rio Arriba	New Mexico	
Formation	<u> </u>	Pool		
Mesa Verde		Blanco		
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet	
4-1/2	5937	2-3/8	5838	
Pay Zone: From	То	Total Depth:	Shut In	
<b>52</b> 98	5826	5937 C/O 5913	10-27-61	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
Send Water Fre	<b>VC</b> •	i i	<b>x</b> .	

Choke Size, Inches	Choke Constant: C		
0.750	12.365	Baker "R" Pkr.	at 3817
Shut-In Pressure, Casing,	PSIG + 12 = PSIA D	Pays Shut-In Shut-In Pressure, Tubing	PSIG 12 PSIA
1028 (PC)	1040	32 (MY) 1092	1104
Flowing Pressure: P	PSIG + 12 = PSIA	Working Pressure: Pw	PSIG + 12 = PSIA
250	.262	(Calc.)	533
Temperature:	n =	Fpv (From Tables)	Gravity
T: 65 % Ft-	.9952 .750	1.027	.670 Fg = .9463

Initial SIPT (PC) = 762 psig Final SIPC (PC) = 1034 psig CHOKE VOLUME Q C x P, x F, x Fg x Fpv

Q= (12.365)(262)(.9952)(.9463)(1.027)

3133 MCF/D

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

-3817 \_\_\_\_ MCF /D

TESTED BY Jesse B. Goodvin

WITNESSED BY

Checked by: T. B. Grant

# EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DUAL COMPLETION		DATE November 28, 1961		
El Paso Natural Gas Company  ocation  890's, 800'W, Sec. 9-27-5		Sen Juan 27-5 Bo. 64 (MV)		
		County Rio Arriba	State New Mexico	
ormation	886. 9-21-7	Pool Blanco		
Ness Verde	Set At: Feet <b>5937</b>	Tubing: Diameter 2-3/8	Set At: Feet <b>5838</b>	
4-1/2 ay Zone: From	To 5826	Total Depth: 5937 C/O 5913	Shut in  10-27-61  Flow Through Tubing	
5298 Imulation Method Sand Water Fr		Flow Throu <b>g</b> h Časing	Flow inrough round	

Choke Size, Inches	Choke Constant:	g Baker "R" Pkr.	<b>44.3817</b>
0.750 Shut-In Pressure, Casing, 1028 (PC)	PSIG + 12 = PSIA 1040	Days Shut-In Shut-In Pressure, Tubing  (MV) 1032	PSIG + 12 - PSIA  1104  PSIG + 12 - PSIA
Flowing Pressure: P	PSIG + 12 = PSIA .262	Working Pressure: Pw (Calca) Fpv (From Tables)	Gravity 533
Temperature:	- 00 <b>5</b> 2 - <b>7</b> 50	1.027	.670 Fg = .9463

Initial SIPT (PC) = 762 psig Final SIPC (PC) = 103 psig CHOKE VOLUME = Q C x P, x F, x Fg x Fpv

Q = (12.365)(262)(.9952)(.9465)(1.027)

3133 MCF/D

OPEN FLOW A of Q 
$$\begin{pmatrix} & & & \\ & & 2 & \\ & & P_c & \\ & & P_c & P_w & \end{pmatrix}$$

Aof ... 3817.... MCF/D

TESTED BY Jesse B. Goodvin

WITNESSED BY ... .. -Checked by: T. B. Grant

## APPLICATION FOR DUAL COMPLETION

acid Name Tapacito Pictured Cliffs fat. &		kt. &	County	Date December 7. 1951
Blanco Mesa Ve	rde	Lease	Rio Arriba	Well No.
perator El Paso Hatural Gas	Coman		uan 27-5 Unit	G4 (PM)
cacion Unit	Section		Township	Range
ir a ell	9		273	5W
. Has the New Mexico Oil Conso	rvation Commissio	on heretofore at	uthorized the dual completi	ion of a well in these same pools or in the same
zones within one mile of the s	bject well? YE	s <b>X</b> no		
. If answer is yes, identify one	such instance: Or	der No. DC-	; Operator, L	lease, and Well No.:
El Paso Natural Ges		Man 21-5	OUTE NO. S. (141)	
. The following facts are submit	ted:	Upper	Zone	Lower Zone
		Diatumai	C1 i eCm	Hesa Verde
a. Name of reservoir		Pictured	U_1118	PROE 703 UC
5. Top and Bottom of			į	
Pay Section		ar in arms		5208-5826
(Perforations)		35 2-3592	<u> </u>	Gas
c. Type of production (Oil or	Uasi	Ges		
<ul> <li>d. Method of Production</li> <li>(Flowing or Artificial Li</li> </ul>	(r)	Flowing		Flowing
. The following are attached. (				4
. List all offset operators to the Malco, Dox 50, Ros	well, New Me	ratico		
Southern Petroleum	Emploration	Company, I	og 192, Sistersvi	DEC 1 9 1961
of such notification	m 5 above notified per 7, 1901	d and furnished	a copy of this application	? YES X NO If answer is yes, give date
CERTIFICATE: I, the unders	igned, state that I	am the Are	e regrounded subjects	er of the El Paso Natural Gas Co.
	(company), and t	hat I am author	ized by said company to m	ake this report; and that this report was prepared
nder my supervision and directic	n and that the fact	ts stated therei	n are true, correct and com	aplete to the best of my knowledge.
			<b>0</b> 0 200	
				Sign true
Should waivers from all c	ffset operators not	t accompany an	application for administra	itive approval, the New Mexico Oil Conservation security by the Commission's Santa Fe office. If.
				inta Fe office, the application will then be processed
NOTE: If the proposed dual comp	letion will result	in an unorthodo	ox well location and/or a n	simultaneously with this application.