#### **NEW MEXICO OIL CONSERVATION COMMISSION**

SANTA FE, NEW MEXICO

	7-3-58
_	,-3-30

## APPLICATION FOR DUAL COMPLETION

Field Name Rlanco M.V. & Wildcat D	ekota	County Rio Arriba	Date October 1, 1959
Operator	Lease		Well No.
Pacific Northwest Pipe	line Corp.	Son Juan 31-6 Unit	16-33 (MD)
Location Unit	Section	Township	Range
of Well N	33	31N	Gil
			n of a well in these same pools or in the same
zones within one mile of the subject			
. If answer is yes, identify one such i	nstance: Order No	; Operator, Le	ase, and Well No.:
3. The following facts are submitted:			
<b>Q</b>	Up	oper Zone	Lower Zone
g. Name of reservoir	Hesa Verde		Dakota
b. Top and Bottom of	1200 10100		7901-7952 (Upper Dakota)
_			()or-()ber peroce)
Pay Section	chan chan	•	Service Court (see a same measure)
(Perforations)	5 <b>430-</b> 56 <b>3</b> 8		1970-0054 (Middle Dakota)
c. Type of production (Oil or Gas)	Ges		Cos
d. Method of Production			
(Flowing or Artificial Lift)	Flowing		Flowing
. The following are attached. (Please	mark YES of NO)		
	l or other acceptable log ot available at the time	application is filed, it shall be	cing zones and intervals of perforation indicate submitted as provided by Rule 112-A.)
		portation is 31-6 Unit	
			OCT = 1959 OIL CON. CO. 19
			DIST. 3
. Were all operators listed in Item 5 al of such notification	bove notified and furnis	hed a copy of this application?	YES NO If answer is yes, give da
CERTIFICATE: I, the undersigned,			gr. of the El reso Natural G s Co.
			e this report; and that this report was prepared
nder my supervision and direction and	that the facts stated the	erein are true, correct and compl	ete to the best of my knowledge.
		OR'G'NAL SIGNED	E.S. ORFRLY Agent
61 11 1 1 1 1			Orgnature

Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



STATE OF NEW MEXICO )
COUNTY OF SAN JUAN )

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

on August 24, 1959, I was called to the location of the Pacific Northwest Pipeline Corporation San Juan 31-6 Unit No. 16-33(MD)

Well located in the SESW/4 of Section 33, Township 31 North, Range 6 West, N.M.P.M., for advisory service in connection with installation of a production packer. In my presence, a Guiberson Moder "AG"

Production Facker was set in this well at 7297 feet in accordance with the usual practices and customs of the industry.

Subscribed and sworn to before me this 1st day of October, 1959.

Notary Fublic in and for San JuanCounty,

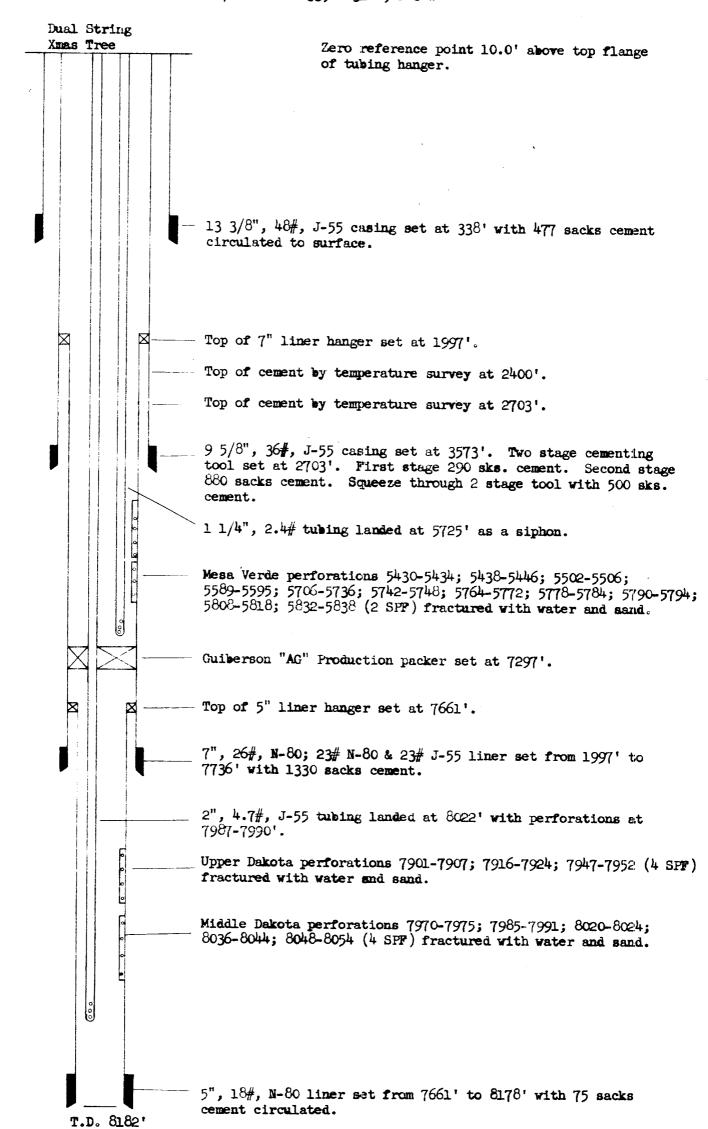
New Mexico

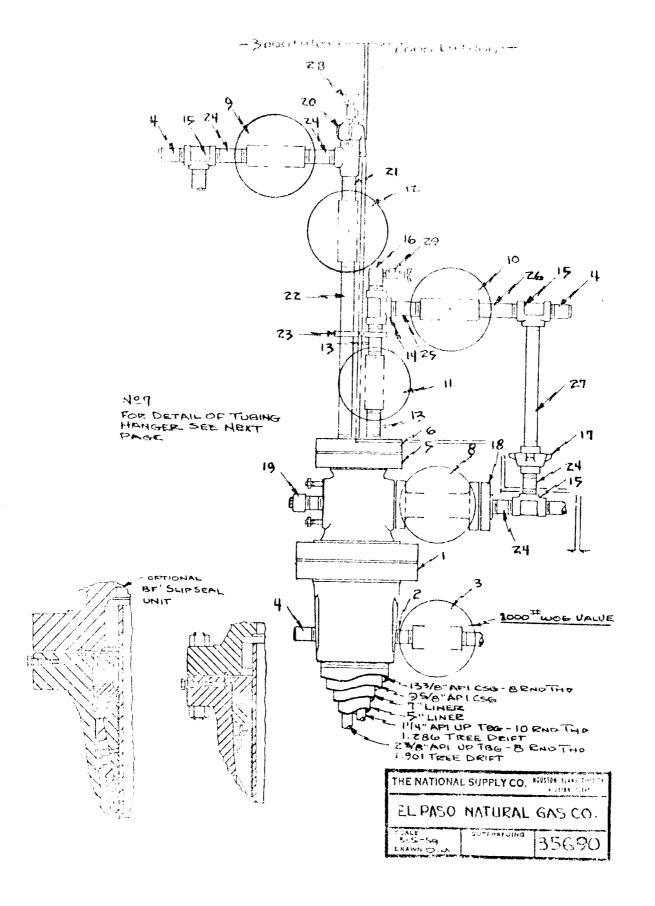
My commission expires February 24, 1960.

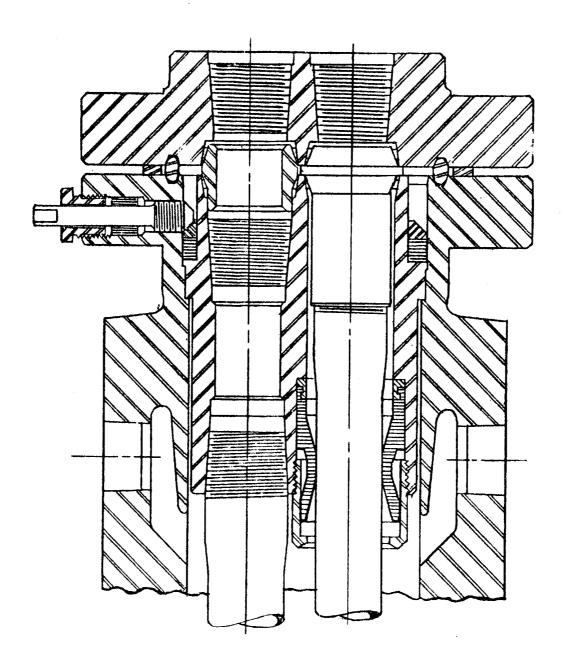


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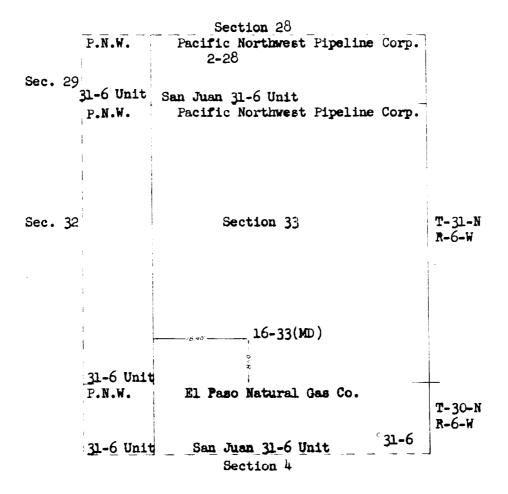
# SCHEMATIC DIAGRAM OF DUAL COMPLETION Pacific Northwest Pipeline Corp. San Juan 31-6 Unit No. 16-33 (MD) SW/4 Section 33, T-31-N, R-6-W







# PLAT SHOWING LOCATION OF DUALLY COMPLETED Pacific Northwest Pipeline Corp. San Juan 31-6 Unit No. 16-33 (MD) and Offset Acreage



EL PASO NATURAL GAS COMPANY

EL PASO, TEXAS

SCALE

DATE

DRAWN BY

CHECKED BY

FORM 7- 132R (10-56)

#### OPEN FLOW TEST DATA

#### DUAL COMPLETION

DATE September 8, 1959

El Paso Natural Gas	Company	San Juan 31-6 N	o. 16-33 (M)
850s, 1840w; 33-31-6	· · · · · · · · · · · · · · · · · · ·	TCourty Rio Arriba	State New Mexico
Mesa Verde		Renco	
Dasing: Dianeter 9-5/8	Ser At. Feet 3572	1-1/4	5725
2 dy Zone: From 5430	58 <b>3</b> 8	Total Dept. <b>81.82</b>	Shut In: 8/24/59
Stimulation Method  Water Frac.		Flan Throng Casing	Flow Torough Tubing

Choke Size, inches	Croke Constant:	_			·
.75	14	.1605	7" at 7736 5'	at 7661-8178	
Shut-in Pressure	FSIG 12 63 A 883 895	15	ShuteIn Press on 120 ng (MV) 884	PSIG 12 PSIA   <b>896</b>	
Flowing Pressure	PSIG 12 UPS A	8	Working Pressure: Fig. 180	PUIJ - 12 PSIA 192	
Temperature: T	F	5	1.011	.614	

Initial SIPT (D) = 2672psig Final SIPT (D) = 2683 psig

Packer at 7297

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

14.1605 x 138 x .9962 x .9918 x 1.011 1952 \_\_\_\_\_MCF D

Aof

2022 MCF D

merre ga \_\_W. D. Dawson

WITHERSED HY W. B. Smith (Phillips (C. Wagner, PNW)

L. D. Galloway

### OPEN FLOW TEST DATA

DUAL (	COMPL	ETION
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DATE September 1, 1959

	DATE DOP	emper r, raya
Deco		
El Paso Natural Gas		. 16-33 (D)
Locat 2	San Juan 31-6 No Count Rio Arriba	State
8508, 1840W; 33-31-6	Rio Arriba	New Mexico
Dakota		
Cas and Diameter	Tubing: Diameter	Set At: Feet <b>8011</b>
9-5/8 3572	2" Total Cepth:	8011
7901 8054	; iotal epte:	1
7901 8054	8182 Flow Through Casing	Shut in: 8/24/59
Sand Water Frac.		<u> </u>
Choke Size acres Choke Coasta		
-75 14.1605   Shut-to Pressure, Cus   PSIG - 12 PSIA Days Shut-to	7" at 7736, 5" 1	iner 7661-8178
Shut-in Pressure, Cas	Shutain Pressure, Typig	PS(G - 12 / PS, A
(MV) 820 832 8	(Dak) 22	
112 124	Calca	<b>309</b>
<b>!</b> '	: For from Tables)	<sub>i</sub> Gravity
.75		.581
Initial SIPT (MV) = 821 psig Final SIPC (MV) = 827 psig	Packer at 7297	
Q = 12.1605 x 124 x .9905 x 1.017  OPEN FLOW Asf = Q	SIPT (D) = 1184 psi; blown 10 minutes and	mCF D  g originally. Well was d re-shut-in. Then ter unloading alug of water.
Apr ( 5198400 ) 1.018 5102919 Apr MCF D	7 <sup>.75</sup> x 1783 = 1.0140 :	x 1783
TESTED BY W. B. Smith (Phillips) C. Wagner	· (DMU)	

Lewis D. Dalloway.
L. D. Galloway

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

	Γ	DATE	10-	2/-	59
OIL CONSERVATION COMMISSION BOX 871	F	₹E:	Proposed	NSP	
SANTA FE, NEW MEXICO			Proposed	NSL_	<del></del>
			Proposed	NFO	
			Proposed	DC	سا
Gentlemen:					
	_ ,				
I have examined the application da	ted 10-/-	5	9		_
for the <u>PNW</u> SJU 31-6	# 16-33(MD)	<b>.</b>	33 - マル	N-6	(1)
Operator Lease and Well					
·					
and my recommendations are as follows:					
approve					
					-
					-
					<del>-</del>
Your	s very truly,				_
OIL (	CONSERVATION COMMIS	SIOI	N		
1.8	Konda	1			