

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 1-27-81	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company	
Pool Blanco				Formation Pictured Cliff	
Completion Date 1-20-81		Total Depth 2625		Plug Back TD 2615	
Elevation 5714 GL		Farm or Lease Name Jacquez			
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 2625	Perforations: From 2430 To 2482	
Well No. #2					
Thq. Size None	Wt.	d	Set At	Perforations: From To	
Unit G	Sec. 30	Twp. 30	Rge. 8		
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Single				Packer Set At	
County San Juan					
Producing Thru Csg.		Reservoir Temp. °F #		Mean Annual Temp. °F	
Baro. Press. - P _a 12		State New Mexico			
L	H	G _g	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI									1095		7 Days
1.											
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _t ²	P _w ²	P _c ²	P _c ² - P _w ²
1.				
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

Absolute Open flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
Remarks: _____		

Approved By Division	Conducted By: Bob Easterling	Calculated By: H. E. McAnally	Checked By:
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OIL CONSERVATION DIVISION
P. O. BOX 7088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DEPARTMENT RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
DEPT.	
LAND OFFICE	
TRANSPORTER	
OPERATION	
REGISTRATION OFFICE	
OPERATOR	

El Paso Natural Gas Company

Address
Box 289, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☒	
Recompletion ☐	
Change in Ownership ☐	
Change in Transporter of:	
Oil ☐	Dry Gas ☐
Casinghead Gas ☐	Condensate ☐

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Jacquez	Well No. 2	Pool Name, including Formation Blanco P. C. Ext	Kind of Lease State, Federal or Fee /	Lease No. Fee
Location Unit Letter <u>G</u> ; <u>1730</u> Feet From The <u>North</u> Line and <u>1380</u> Feet From The <u>East</u> Line of Section <u>30</u> Township <u>30N</u> Range <u>8W</u> , NMPM, <u>San Juan</u> County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	Box 289, Farmington, New Mexico 87401
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	Box 289, Farmington, New Mexico 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. <u>G</u> <u>30</u> <u>30N</u> <u>8W</u>
	Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number:

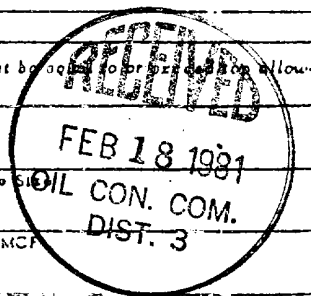
COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 12-15-80	Date Compl. Ready to Prod. 1-27-81	Total Depth 2625	P.B.T.D. 2615'					
Elevations (DF, RKB, RT, GR, etc.) 5714' GL	Name of Producing Formation Pictured Cliffs	Top XX /Gas Pay 2430'	Tubing Depth Tubingless					
Perforations 2430, 2435, 2440, 2445, 2449, 2459, 2465, 2471, 2476, 2482' W/1 SPZ.			Depth Casing Shoe 2625'					

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4"	8 5/8"	128'	148 cu. ft.
6 3/4"	2 7/8"	2625	502 cu. ft.
Tubingless Completion			

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be held for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF



Actual Prod. Test-MCF/D 2264	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in) 1095	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

A. G. Lisco
Drilling Clerk

February 4, 1981

OIL CONSERVATION DIVISION

APPROVED FEB 18 1981, 19
BY Original Signed by FRANK T. CHAVEZ
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.