

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

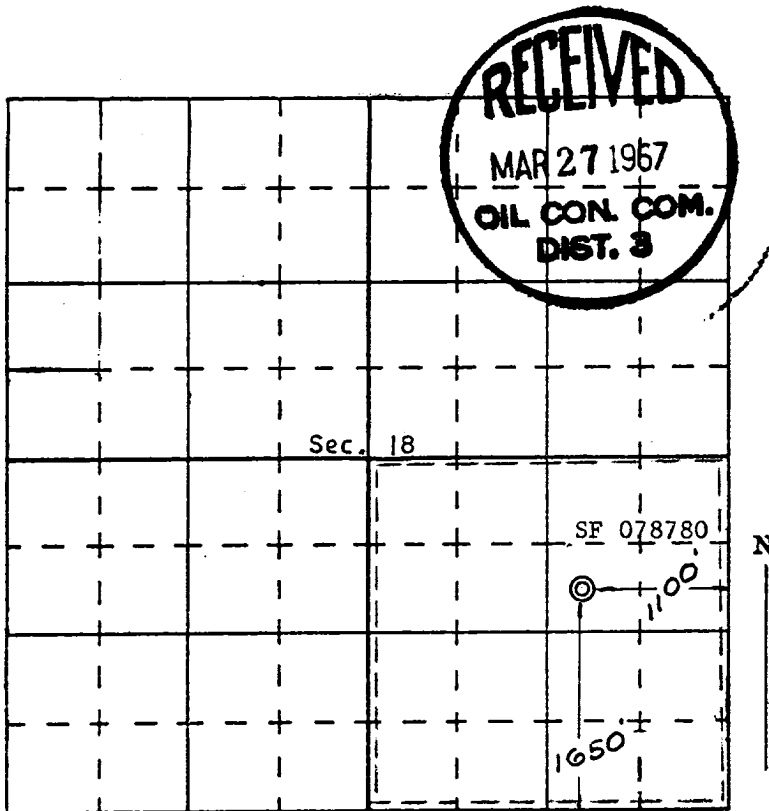
Operator PAN AMERICAN PETROLEUM CORPORATION			Lease Gallegos Canyon Unit		Well No. 261
Unit Letter I	Section 18	Township 28 North	Range 11 West	County San Juan	
Actual Footage Location of Well: 1650 feet from the South line and 1100 feet from the East line					
Ground Level Elev. REPORT LATER	Producing Formation FRUITLAND	Pool PINON FRUITLAND	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

(X) Yes () No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

G. W. Eaton, Jr.
Name

G. W. Eaton, Jr.
Position

Area Engineer
Company

PAN AMERICAN PETROLEUM CORP.
Date

March 22, 1967

STATE OF NEW MEXICO
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by and under my supervision, and that the same is true and correct to the best of my knowledge and belief.

March 18, 1967
Date Surveyed

March 18, 1967
Registered Professional Engineer and/or Land Surveyor

E. V. Eshenaw
Certificate No. 3602

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Pima			Formation Fruitland			County San Juan		
Initial X		Annual		Special		Date of Test 4-11-67		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Gallegos Canyon Unit			Well No. 261	
Unit I	Sec. 18	Twp. 28-N	Range 11-W		Purchaser K1 Pace Natural Gas Co. (when connected)			
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 1346		Perf. 1260-1272	To 1280-1284		
Tubing 1.900	Wt. 2.9	I.D. 1.610	Set at 1245		Perf. Open	To Ended		
Gas Pay:	From 1260	To 1284	L 1272	G .650 (est.)	GL 826	Bar. Press. 12		
Producing Through:		Casing X	Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 4-4-67		Packer None			Reservoir Temp.			

OBSERVED DATA

Tested Through: Prover <input type="checkbox"/> Choke <input checked="" type="checkbox"/> Meter <input type="checkbox"/>						Type of Taps			
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	7 Days					551		551	
1.	2"	.750	413			434	60° est.	413	60° est.
2.									
3.									
4.									
5.									

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _f	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P D @ 15.025 psia
1.	12.3650		423	1.0000	.9608	1.043	326
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ (1 - e^{-S}) _____ P_c **563** P_c² **316,249**

No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1 - e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.						190,876	126,873		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **11,467** MCFPD; n **.85**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED **None**

ADDRESS **Box 480, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer**

