

December 5, 1956

In reply refer to:
Unit Division

Stanolind Oil and Gas Co.
P. O. Box 1714
Albuquerque, New Mexico

Re: Stanolind's State Gas Unit
"M" No. 1 Communitization -
S/2 of Section 16-31N-12W,
San Juan County, N. Mex.

Attention: Mr. Ben R. Kee
District Landman

Gentlemen:

We are enclosing two copies of your Stanolind's State Gas Unit "M" No. 1 Communitization, which was approved by the Commissioner of Public Lands December 5, 1956, subject to the spudding of this well on or before April 18, 1956.

Also enclosed is Official Receipt in the amount of \$5.00 which covers the filing fee.

Very truly yours,

E. S. WALKER
Commissioner of Public Lands

ESW:MMR/m
enc: 3

cc: OCC-Santa Fe
OCC-Aztec



December 2, 1956

Oil Division
Albuquerque, New Mexico

Stanolind Oil and Gas Co.
P.O. Box 1714
Albuquerque, New Mexico

Re: Stanolind's State Gas Unit
Oil No. 1 Communication -
No. of Section 16-31N-12W,
San Juan County, N. Mex.

Attention: Mr. Ben F. Hess
District Engineer

Gentlemen:

We are enclosing two copies of your Stanolind's State Gas Unit No. 1 Communication, which was approved by the Commissioner of Public Lands December 2, 1956, subject to the spending of this well on or before April 18, 1957.

Also enclosed is Official Receipt in the amount of \$2.00 which covers the filing fee.

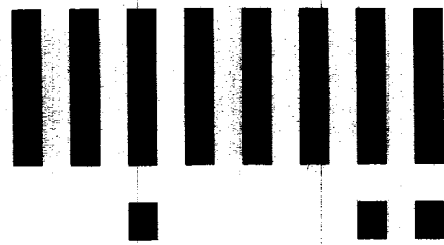
Very truly yours,

A. S. WALKER
Commissioner of Public Lands

cc: Mr. Hess
Enc: 3

cc: Mr. Hess
Enc: 3





LTR



Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Elanco-Monterado Formation Monterado County San Juan
Initial 2 Annual _____ Special _____ Date of Test 4-26-57
Company Pan American Petroleum Corporation se State Gas Well 77 Well No. 1
Unit 2 Sec. 26 Twp. 32N Rge. 12W Purchaser State-26
Casing 7" Wt. 20.7 I.D. 6.436 Set at 4990 Perf. 4994 To 5140
Tubing 2-3/8 Wt. 4.77 I.D. 2.995 Set at 4987 Perf. 4991 To 4987
Gas Pay: From 4994 To 5140 L • xG • -GL • Bar. Press. •
Producing Thru: Casing • Tubing • Type Well Gas - Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 4-26-57 Packer • Reservoir Temp. 140° F ave. - calc.

OBSERVED DATA

Tested Through (20000) (Choke) (10000) Type Taps •

No.	Flow Data			Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Monterado) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	
SI	<u>State-Gas 10 days</u>							
1.		<u>2 1/2</u>	<u>200</u>			<u>1400</u>	<u>60</u>	<u>3</u>
2.								
3.								
4.								
5.								

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	<u>11,300</u>		<u>200</u>	<u>1.0000</u>	<u>.6100</u>	<u>1.000</u>	<u>4,000</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1000 P_c² 1000000

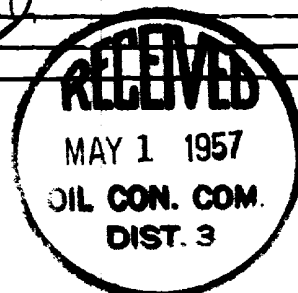
No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w /P _c
1.						<u>60000</u>	<u>1000000</u>		
2.									
3.									
4.									
5.									

Absolute Potential: _____ MCFPD: n .75

COMPANY Pan American Petroleum Corporation
ADDRESS 2000 Ave. F, Albuquerque, New Mexico
AGENT and TITLE E. E. Bunker, Area Sales Engineer RMBunker
WITNESSED _____
COMPANY _____

REMARKS

LEAK: 5" on 1st from 4990-5000
All depths from 500 - 5100
GL - 5140



OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received		3
DISTRIBUTION		
	NO. FURNISHED	
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	1