

C. MARKLEY  
WELL NO. 1  
El. 907'

- New Location .
- Drill Deeper . . . .
- Redrill . . . . .
- Abandonment . . . . .

Company <b>PAN AMERICAN PETROLEUM CORP.</b>	
Address <b>BOX 1654, OKLAHOMA CITY-1-OKLA.</b>	
Farm <b>JAMES BOOR</b>	
Tract	Acres <b>28</b> Lease No.
Well (Farm) No. <b>1</b>	Serial No.
Elevation (Spirit Level) <b>799.4'</b>	
Quadrangle <b>NEW MATAMORAS (SE) 4 4</b>	
County <b>TYLER</b>	District <b>UNION</b>
Engineer <i>Henry Thrasher</i>	
Engineer's Registration No. <b>2470</b>	
File No.	Drawing No.
Date <b>JULY 5 1962</b> Scale <b>1" = 200'</b>	

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**  
FILE NO. **TYL-353**

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 9

Quadrangle New Matamoras

Permit No. TYL-353

WELL RECORD

Oil or Gas Well Gas (Shut In)  
(KIND)

Company Pan American Petroleum Corporation  
Address P.O. Box 1654, Oklahoma City, Oklahoma  
Farm Boor Acres 28  
Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 799.4  
District Union County Tyler  
The surface of tract is owned in fee by Fannie Crane  
Boor Address Sistersville, W.Va.  
Mineral rights are owned by Same as above  
Address \_\_\_\_\_  
Drilling commenced 7/30/62  
Drilling completed 8/23/62  
Date Shot None From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in Tested thru open Inch  
See below /10ths Merc. in 2" for 15 Min Inch  
Volume (1,314,000) cu. ft. / day / 1 bbl. salt water per Hr.  
Rock Pressure 380 lbs. Shut in 10 \_\_\_\_\_ hrs.  
OH None \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED None

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>None</u>
18			
10- 10-3/4"	243'	243'	Size of _____
8- 8-5/8"	967'	0	Depth set _____
6- 6-1/2"	1573'	1573'	Perf. top <u>None</u>
3	1543	1543	Perf. bottom _____
2			Perf. top _____
Liners Used	None		Perf. bottom _____

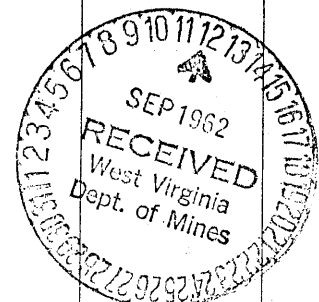
CASING CEMENTED 10-3/4" SIZE 243 No. Ft 8/1/62 Date  
5-1/2" 1573' 8/17/62  
One (1') Foot only  
COAL WAS ENCOUNTERED AT 1146 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

WELL FRACTURED Hydrafraced Keener Sand through 2" tubing in open hole @ 1564-1583 w/1000# 20-40  
sand mixed w/1000 gal. kerosene. Flushed w/16 bbl. crude oil Max. Pressure 2600#

RESULT AFTER TREATMENT \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT 380 psig

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Bed			0	10			
Shale			10	25			
Slate			25	35			
Shale			35	85			
Rock	Red		85	95			
Lime & Shale			95	109			
Sand			109	170			
Shale	Blue		170	180			
Rock	Red		180	185			
Lime		Hard	185	200			
Rock	Red		200	224			
Lime		Hard	224	263			
Shale			263	273			
Sh., Lm., Shells			273	364			
Sh.-Shells			364	374			
Lime			374	380			
Shale			380	405			
Sand			405	411			
Slate			411	423			
Lime			423	429			
Sh.-Shells			429	450			
Lime			450	498			
Rock-Lime	Pink		498	517			
Rock	Red		517	558			
Lime			558	574			
Sand			574	615			
Rock	Red		615	630			
Lime			630	640			
Sh-Lm-Shells			640	695			



Formation	Color	Hard or Soft	Top <i>9</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sh.-Shells			695	698			
Rock	Red		698	720			
Shale			720	751			
Shale	Dark		751	780			
Rock	Pink		780	790			
Sand			790	800			
Shale	Blue		800	815			
Sand			815	854			
Shale			854	860			
Sand			860	870			
Shale	Dark		870	893			
Rock	Red		893	902			
Shale & Shells			902	951			
Sand			951	985			
Shale-Shells			985	1003			
Slate & Shells			1003	1025			
Shale-Shells			1025	1085	1518		
Shale	Dark		1085	1105	791		
Sand			1105	1117	719		
Slate			1117	1130			
Sandy Shale			1130	1146			
Coal			1146	1147			
Lime Brakes			1147	1168			
Sand			1168	1180			
Shale			1180	1205			
Lime			1205	1210			
Sand			1210	1284			
Shale			1284	1340			
Sand (Maxton)		Hard	1340	1360			
Shale			1360	1361			
Sand Broken			1361	1410			
Slate-Shells			1410	1465			
Sand			1465	1495			
Shale			1495	1518			
Lime			1518	1571			
Sand (Keener)			1571	1583	Gas & Salt Water	1571-83	

Date September 7, 19 62

APPROVED Pan American Petroleum Corporation, Owner

By C. D. Kerr District Superintendent.  
C. D. Kerr (Title) ent.