



**RECORD OF DRILL-STEM AND SPECIAL TESTS**

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

**TOOLS USED**

Rotary tools were used from 0 feet to 6800 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing Shut In 8/18, 19 64

**OIL WELL:** The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_% was  
 was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% was sediment. A.P.I.  
 Gravity \_\_\_\_\_

**GAS WELL:** The production during the first 24 hours was 2700 M.C.F. plus \_\_\_\_\_ barrels of  
 liquid Hydrocarbon. Shut in Pressure 1975 lbs.

Length of Time Shut in 19 Hours

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

**Southeastern New Mexico**

**Northwestern New Mexico**

- |                    |                     |                            |
|--------------------|---------------------|----------------------------|
| T. Anhy.....       | T. Devonian.....    | T. Ojo Alamo.....          |
| T. Salt.....       | T. Silurian.....    | T. Kirtland-Fruitland..... |
| B. Salt.....       | T. Montoya.....     | T. Farmington.....         |
| T. Yates.....      | T. Simpson.....     | T. Pictured Cliffs.....    |
| T. 7 Rivers.....   | T. McKee.....       | T. Menefee.....            |
| T. Queen.....      | T. Ellenburger..... | T. Point Lookout.....      |
| T. Grayburg.....   | T. Gr. Wash.....    | T. Mancos.....             |
| T. San Andres..... | T. Granite.....     | T. Dakota.....             |
| T. Glorieta.....   | T. ....             | T. Morrison.....           |
| T. Drinkard.....   | T. ....             | T. Penn.....               |
| T. Tubbs.....      | T. ....             | T. ....                    |
| T. Abo.....        | T. ....             | T. ....                    |
| T. Penn.....       | T. ....             | T. ....                    |
| T. Miss.....       | T. ....             | T. ....                    |

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1700	1700	Surface Sand X Shale				
1700	2250	550	Pictured Cliffs				
2250	3900	1650	Lewis Shale				
3900	4470	570	Mesaverde				
4470	5035	565	Mancos				
5035	6185	1150	Gallup				
6185	6488	303	Base Gallup				
6488	6548	60	Greenhorn				
6548	6606	58	Graneros Shale				
6606	6680	74	Graneros Dakota				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Farmington, New Mexico August 25, 1964  
(Date)

Company or Operator PAN AMERICAN PETROLEUM CORPORATION Address Box 480, Farmington, New Mexico  
 Name Fred L. Nabors, District Engineer Position or Title \_\_\_\_\_  
F. H. HOLLINGSWORTH

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TRANSPORTER	OIL
	GAS
REGISTRATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR ~~OIL~~ - (GAS) ALLOWABLE

New Well  
**RECEIVED**

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico August 25, 1964  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

PAN AMERICAN PETR. CORP. Sammons Gas Unit "C", Well No. 1, in SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)

N Unit Letter, Sec. 7, T. 29N, R. 9W, NMPM., Basin Dakota Pool

SAN JUAN County. Date Spudded July 20, 1964 Date Drilling Completed August 5, 1964

Please indicate location:

D	G	B	A
E	F	G	H
L	K	J	I
M	<u>X</u> N	O	P

270 FSL and 1450 FWL

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Size
<u>9-5/8"</u>	<u>298</u>	<u>225</u>
<u>7"</u>	<u>5033</u>	<u>375</u>
<u>2-3/8"</u>	<u>6621</u>	

Elevation 5802 / RDB Total Depth 6800 PBD 6785

Top Oil/Gas Pay 6606 Name of Prod. Form. Dakota

PRODUCING INTERVAL - 6732-40, 6752-72 with 4 shots per foot

Perforations 6683-99 with 4 shots per foot

6612-28 with 4 shots per foot

Open Hole None Depth 6800 Casing Shoe 6600 Depth 6620 Tubing

OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls. water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_ Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls. water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_

GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: 2700 MCF/Day; Hours flowed 3

Choke Size 3/4" Method of Testing: Pitot Tube

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand) 94,265 gallons water and 85,000 pounds sand

Casing 775 Tubing 225 Date first new Press. 225 oil run to tanks Shut In

Oil Transporter Platoan Inc.

Gas Transporter El Paso Natural Gas Company

Remarks: Well completed August 18, 1964, as Basin Dakota Field Development Well.  
Copies of Deviation Survey are attached.

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Approved: August 25, AUG 28 1964, 1964

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold  
Title Supervisor Dist. # 3

**RECEIVED**  
PAN AMERICAN PETROLEUM CORPORATION  
ORIGINAL SIGNED BY \_\_\_\_\_  
L. R. Turner  
By: \_\_\_\_\_  
(Signature) AUG 28 1964  
OIL CON. COM.  
Title Administrative Clerk DIST. 3  
Send Communications regarding well to:  
Name L. O. Speer, Jr.  
Box 480 Farmington, New Mexico

TABULATION OF DEVIATION TESTS  
 PAN AMERICAN PETROLEUM CORPORATION  
 Semmons Gas Unit "C" No. 1

<u>DEPTH</u>	<u>DEVIATION</u>
300'	1/2°
697'	1/4°
1196'	1/2°
1513'	1/2°
1912'	3/4°
2430'	1-1/4°
3135'	1 °
3402'	3/4°
3664'	1 °
3883'	1 °
4090'	1 °
4661'	1-1/4°
5225'	1-1/4°
5539'	2 °
5755'	2 °
5973'	2-1/4°
6185'	2-1/2°
6375'	3 °
6565'	3 °

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on PAN AMERICAN PETROLEUM CORPORATION'S **Semmons Gas Unit "C" No. 1, Basin Dakota Field,** located in the **SE/4 SW/4** of Section 7, T-29N, R-9W, San Juan County, New Mexico

Signed F. H. Hollingsworth  
 Petroleum Engineer

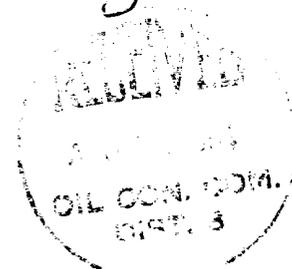
THE STATE OF NEW MEXICO )  
 ) SS.  
 COUNTY OF SAN JUAN )

BEFORE ME, the undersigned authority, on this day personally appeared F. H. Hollingsworth known to me to be Petroleum Engineer for Pan American Petroleum Corporation and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 25th day of August, 1964.

C. K. Dietz  
 Notary Public

My Commission Expires February 27, 1965.



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