

Santa Fe, New Mexico

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Stedje Gas Unit

(Company or Operator)

(Last)

Well No. 1, in S8 1/4 of 14 1/4, of Sec. 27, T. 30N, R. 12W, NMPM.

Basin, Dakota and Undesignated Reservoirs Pool, **San Juan** County

Well is 1730 feet from North line and 1770 feet from West line

of Section 27..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....**October 10**.....19**61**.....Drilling was Completed.....**October 30**.....19**61**

Name of Drilling Contractor..... **Drayton and Murray Drilling Company**

Address P. O. Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head.....**5476' (RED)**..... The information given is to be kept confidential until
.....Not confidential..... 19.....

No. 1, from **3299** to **3318** No. 4, from to

No. 2, from **6180** to **6187** No. 5, from to

No. 3, from **6228** to **6235** No. 6, from to

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

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| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|--------------------|----------------|--------|-----------------|------------------------|--------------|------------|
| 9-5/8" | 32.34 | New | 351' | Guide | | | Surface |
| 7" | 20 & 234 | New | 6327' | Guide | | | Oil string |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 12-1/4" | 9-5/8" | 360' | 380 | 1 plug | | |
| 8-3/4" | 7" | 6339' | 1100 | 2 plug | | |

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated Dakota with 6 shots per foot 6180-6187' and 6228-6235'. Sand water fracked with 73,000 gallons of water and 60,000 pounds of sand. Perforated Cliffhouse with 4 shots per foot 9799-9816'. Natural completion.

Completed as shut-in dual gas well Basin Dakota and Undesignated
Mesaverde Fields November 13, 1961. Preliminary test Mesaverde
November 14, 1961, flowed 3 hours on 1" choke and gauged 2153 MCF
per day with tubing pressure flowing 350 psi and casing pressure flowing 920 psi. Preliminary
test Dakota November 13, 1961, flowed 3 hours and gauged 3012 MCF per day with tubing
pressure flowing 140 psi. Depth Cleaned Out 6291'

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 6340 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Shut-in for marketing and pipeline connection

PRODUCTION

Put to Producing November 15, 19 61

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

Gravity.

Preliminary test

Dakota - 3042

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of

liquid Hydrocarbon. Shut in Pressure lbs.

Potential test to be reported when available.

Length of Time Shut in.

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 | 1618 | 1618 | Surface sand and shale. | | | | |
| 1618 | 1800 | 182 | Pictured Cliffs sand and shale. | | | | |
| 1800 | 3295 | 1495 | Lewis shale. | | | | |
| 3295 | 4320 | 1025 | Mesaverde sand, shale, and coal. | | | | |
| 4320 | 5252 | 932 | Mancos shale. | | | | |
| 5252 | 5995 | 743 | Gallup sand and shale. | | | | |
| 5995 | 6100 | 105 | Greenhorn sand and shale. | | | | |
| 6100 | 6340 | 240 | Dakota sand and shale. | | | | |
| (Tops from "E" log) | | | | | | | |

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.

November 17, 1961

Company or Operator Pan American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico
Name ORIGINAL SIGNED BY R. M. Bauer, Jr. Attn: L. O. Speer, Jr. Position Title Senior Petroleum Engineer