Form 9-331
(May 1963)

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
**Pan American Petroleum Corporation**

3. ADDRESS OF OPERATOR
**Security Life Building, Denver, Colorado 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**800 FSL, 1090 FWL, Sec. 33, SW, SW**

5. LEASE DESIGNATION AND SERIAL NO.
**SF-078139**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
**Elliott "S" Gas Com**

9. WELL NO.
**1**

10. FIELD AND POOL, OR WILDCAT
**Basin Dakota**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
**Sec. 33, T30N, R9W**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
**5683 GL, 5695 KDB**

12. COUNTY OR PARISH
**San Juan**

13. STATE
**New Mexico**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE COMPLETE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) **Supplementary History** | | | ☒ |
| (Other) | | | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

**Drilled to 310. Cemented 10 3/4" 32.75# H-40 STAC Casing at 310 with 250 sacks class "A" Cement with 2% Cacl, and 85 sacks Class "A" with 4% Cacl. Max squeeze pressure 800 PSI.**

**Drilled 9 7/8" hole to 2503. Cemented 7 5/8" 24# H-40 STAC Casing at 2503 with 450 sacks Type "C" with 6% gel and 2 lbs Medium Tuf Plug per sack followed by 150 sacks Type "C" with 2% Cacl. Did not circulate cement or shut off water or gas flow. Cemented 10 3/4" to 7 5/8" annulus with 200 sacks Type "A" with 3% Cacl.**

**Drilled 6 3/4" hole to 6900. Set 4 1/2" 10.5# J-55 STAC Casing at 6900' with stage tool at 4842. Cemented first stage with 150 sacks "C" with 6% gel and 2% Tuf Plug per sack followed by 100 sacks "C" neat. Cemented second stage with 50 sacks "C" neat plus 150 sacks 50-50 pormix "C" with 4% gel with 1/2 cubic foot strata crete "6" and 1 lb Tuf Plug per sack, followed by 25 sacks "C" neat.**

**No Cores or DST's were taken on this well.**

**Stimulation Procedure**
**Drilled out cement to 6885. Displaced hole with water containing .8% KCL with 2 1/2 lbs FR-8 per 1,000 gal. Spotted 500 gal 7 1/2% acid. Perforated 6866-78 with 4 shots/ft. Frac and Breakdown pressure 3000. Started sand in Casing and got 50 lbs in casing when formation locked up at 3600. Average injection rate 25 Bbls/Min at 3500 PSI for 30 seconds. Cleaned**

18. I hereby certify that the foregoing is true and correct

SIGNED ORIGINAL SIGNED BY D. I. TOLLEFSON **D. I. Tollefson** TITLE **Administrative Assistant** DATE **Nov. 16, 1965**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED
NOV 26 1965
OIL CON. COM.
DIST. 3

RECEIVED
NOV 24 1965
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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out to 6885. Acidized with 1000 gal 15% acid at 18 Bbls/Min at 3400 PSI. Fraced with 16, 120 gallons water treated as above. Sand-fraced with 5500# 20-40 sand when sanded off. Injection rate 3400 PSI at 25 Bbls/Min. Cleaned out to 6885. Spotted 500 gal 7 1/2% acid. Set Bridge plug at 6850. Perforated 6782-6806 with 3 shots/ft. Fraced with 41,770 gal water containing .8% KCL and 2 1/2 lbs FR-8 with 30,000# 20-40 sand and 10,000# 10-20 sand. Breakdown pressure 2850. Treating pressure 3350 at 48 Bbls/Min. Set Bridge plug at 6750 and perforated 6680-6704 with 3 shots/ft. Fraced with 35,920 gal water treated as above with 20,000# 20-40 sand and 25,000# 10-20 sand. Breakdown pressure 1800. Treating Pressure 3500 at 40 Bbls/Min. Drilled out bridge plugs. Flowed well to clean up. On 10-26-65 well flowed 482 MCF Gas in 3 hours through a 3/4" choke or at the rate of 3854 MCF/Day.