

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SF 046563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Fred Fensel "J"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA31/4 NE/4 Section 34,
T-28-N, R-10-W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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
P. O. Box 480, Farmington, New Mexico
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5913' (GL)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☒
FRACTURE TREATMENT ☐	ALTERING CASING ☒
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(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.)*

Referring to our Form 9-331 of 1-18-66, a workover rig was moved in 1-19-66 on the subject Fred Fensel "J" No. 1, well was blown down and circulated with water containing 1% potassium chloride. Cleaned out to 6506. Circulated casing clean and pulled tubing. Cast iron bridge plug set at 6300. Ran casing inspection log. Log showed severe corrosion 3300 to 4500 with indicated holes 3330, 3380, 3580, 3660, 3780, 3860, 3990, 4205, 4230 and 4350. Had minor to moderate corrosion also above and below 3300 to 4500. Ran tubing and full bore packer set at 3900. Pumped in 4 barrels per minute at 600 psi above packer and held below OK. Packer set at 3710. Pumped down tubing and communicated to annulus. Pumped down annulus and tubing with 4 barrels per minute with 600 lbs. Definite hole below 3710 and above 3900. Packer set at 3550 and pumped in annulus with 4 barrels per minute at 600 lbs. Communicated to tubing. Packer set at 3270. Annulus held 1000 lbs. 630' had pipe with holes and definite hole from 3270 to 3550. Ran 2-3/8" tubing with cement retainer set at 3077. Pressured annulus with 1000 lbs. Squeezed with 250 sacks Type "C" Mast. Displacement pressure went from 200 lbs. to 500 lbs. while displacing to clear tool. Shut down pump and staged with 1/2 barrel every 30 minute for 2-1/2 hrs. Squeezed to 1000 lbs. and held. Pulled out of retainer leaving 1000 lbs. below retainer. Reversed tubing and pulled tubing. Drilled retainer 3077. Drilled hard cement 3240-3860. Tested casing at 4200 and pumped in 4 barrels per minute at 800 lbs. Ran tubing and full bore packer and tested casing. Located hole 3269-3551. Pumped in 1-1/2 barrels per minute at 1000 lbs. Pulled tubing and packer. Ran tubing and cast iron cement retainer set at 3075. Pressured back side with 1000 lbs. Squeezed with 150 sacks Type "C"

(See reverse side)

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

SIGNED — G. W. Eaton, Jr.

TITLE — Area Engineer

DATE — February 1, 1966

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

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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Next. Pressure went from 900 to 1500 with 31 barrels slurry below tool. Held 1400 lbs. Pulled out of retainer and reversed 5 barrels cement out of tubing. Pressure under retainer with 1400 lbs. OK. Pulled tubing. Drilled retainer at 3075. Tagged hard cement 3077 and drilled to 3447 and coated casing with 1000 psi OK. Drilled cement to 3627 and fell out. Run tubing to 3942 and coated 4-1/2" casing with 1000 psi. Drilled casing with water containing 1% potassium chloride. Pulled tubing. Run tubing and new bit and drilled bridge plug set at 6300 and cleaned out to PWD. Circulated casing clean and pulled tubing and laid down 2-3/8" tubing. Run 2-7/8" tubing and Baker "P" packer set at 6249 and tubing landed at 6261. Tested casing-tubing annulus with 1000 psi and pumped 7 barrels water into formation with 3 barrels per minute and 900 psi. Pulled lower seals into packer and circulated. Cemented tubing with 275 sacks "C" and 4% col and 3/4% CFS-1. Circulated 20 barrels cement and overdrilled with 2 barrels water. Lowered tubing to engage upper seals in packer and pumped thru port nipple and into formation with 10 barrels water and 3 barrels per minute with 900 psi. Shaved and well kicked off. Flowed and cleaned up well with gauge of 2000 MCFPD. Well being recommended to pipeline.