

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 ☐ XX OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		8. FARM OR LEASE NAME Sarah E. Lilly "A"	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1120' FWL & 2100' FWL, Unit "B"		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6366', RD8 6380'	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 Section 8, T-31-N, R-5-W		12. COUNTY OR PARISH Rio Arriba	
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) Perforate	☒

(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.)*

TD 8141'. PWD 8109'.

Pressure tested 4-1/2" casing to 4500 psi 6 times and last time leaked off to 2500 psi. in 10 minutes. Pumped 20 gallons water into 4-1/2" casing each pressure test. Circulated hole with water containing 0.8% KCl and spotted 500 gallons 7-1/2% HCl. Perforated 8076-90' with 3 SPF. Sand-water fraced with 8,000 gallons water treated with 0.8% KCl and 80 lbs. WC-7 per 1000 gallons. Injected 4,000 lbs. 20-40 sand. Maximum injection rate 19 BPM. Pumped 2,000 gallons with 1/2 lb. sand per gallon and increased to 3/4 lb. sand per gallon and sanded off. Injection rate decreased to 16 BPM before sand on formation. Maximum pressure 4500. 500 lbs. sand in formation. Back flowed and tried to flush with 6 BPM and sanded off with 960 BW. Tripped in and cleaned out 180' sand. Circulated one hour. Ran tubing to 8090' and spotted 500 gallons 7-1/2% HCl. Pulled tubing and perforated 7988-8002' 8020-34', 8045-50' with 2 SPF. Sand-water frac with 35,000 gallons water treated as above and 25,000 lbs. 20-40 sand. Breakdown pressure 3,000, AIR 30 BPM. Average pressure 4400. HP SA 7984. Tested casing and pressure dropped from 4500 to 1500 in 5 minutes. Retested same. Perforated 7900-10', 7942-54', 7964-68' with 2 SPF and communicated. Sand-water fraced with 26,500 gallons water treated as above and 19,000 lbs. 20-40 sand. AIR 26 BPM. Average pressure 4500. Ran tubing, drilled bridge plug and cleaned out to PWD. Set permanent packs at 7794'. Ran swab and well kicked off flowing thru open 2".

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

ORIGINAL SIGNED BY
SIGNED G. W. Eaton, Jr. TITLE Area Engineer DATE March 17, 1970
(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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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