

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED MAR 8 1965 GEOLOGICAL SURVEY FARMINGTON, N. M.	5. LEASE OR MINING CLAIM NO.
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION			6. IF INDIAN, NAME OF INDIAN NAME
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico			7. UNIT AGREEMENT DIST. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State Geological Survey See also space 17 below.) At surface 890 FSL and 1455 FWL			8. FARM OR LEASE NAME Chaves Gas Unit "C"
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5605 (RDB)	9. WELL NO. 1
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
NOTICE OF INTENTION TO:		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4 SW/4 Section 23, T-29-N, R-10-W	
TEST WATER SHUT-OFF <input type="checkbox"/>		12. COUNTY OR PARISH San Juan	
FRACTURE TREAT <input type="checkbox"/>		13. STATE New Mexico	
SHOOT OR ACIDIZE <input type="checkbox"/>			
REPAIR WELL <input type="checkbox"/>			
(Other) <input type="checkbox"/>			
PULL OR ALTER CASING <input type="checkbox"/>			
MULTIPLE COMPLETE <input type="checkbox"/>			
ABANDON* <input type="checkbox"/>			
CHANGE PLANS <input type="checkbox"/>			
WATER SHUT-OFF <input type="checkbox"/>			
FRACTURE TREATMENT <input type="checkbox"/>			
SHOOTING OR ACIDIZING <input type="checkbox"/>			
(Other) <input type="checkbox"/>			
		REPAIRING WELL <input type="checkbox"/>	
		ALTERING CASING <input type="checkbox"/>	
		ABANDONMENT* <input checked="" type="checkbox"/>	

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.)

The above well was spudded on 1-19-65 and drilled to a depth of 937'. 8-5/8" casing was set at that depth with 600 sacks cement containing 2 pounds Tuf Plug per sack and 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 600 psi. Test OK. Reduced hole size to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6562'. 4-1/2" casing was set at that depth with stage collars at 4551 and 2053. Cemented first stage with 350 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack followed by 100 sacks neat cement. Cemented second stage with 25 sacks cement followed by 500 sacks cement 50-50 Pozmix, 2% gel, 1 cubic foot Strata Crete "6" per sack, 1 pound Tuf Plug per sack and followed by 25 sacks neat cement. Cemented third stage same as second stage and circulated cement to surface. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated Lower Dakota 6504-16 with 4 shots per foot. Fracked these perforations with 35,000 gallons water containing 0.8% potassium chloride, 2-1/2 pounds J-100 per 1000 gallons and 30,000 pounds sand. Breakdown pressure 3500 psi; average treating pressure 3500; average injection rate 40 BPM. Bridge plug set at 6480 and tested with 3500 psi. Perforated Main Dakota 6390-94, 6405-15 with 4 shots per foot. Fracked these perforations with 39,228 gallons water treated as above and containing 40,000 pounds sand. Breakdown pressure 3400 psi; average treating pressure 3000 psi; average injection rate 45 BPM. Drilled out bridge plug and flowed well to clean up.

2-3/8" tubing landed at 6407 and well completed 2-19-65 as Basin Field Development Well. Preliminary test 4000 MCFD.

18. I hereby certify that the foregoing is true and correct **Fred L. Nabors, District Engineer**

SIGNED ORIGINAL SIGNED BY J. H. HOLLINGSWORTH TITLE DATE March 4, 1965

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*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.