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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
2. Name of Operator PAN AMERICAN PETROLEUM CORPORATION	5. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 480, Farmington, New Mexico	7. Unit Agreement Name
4. Location of Well UNIT LETTER H 2300 FEET FROM THE North LINE AND 795 FEET FROM THE East LINE, SECTION 27 TOWNSHIP 29-N RANGE 10-W NMPM.	8. Farm or Lease Name Armenta Gas Unit "C"
	9. Well No. 1
	10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 5521 (RDB)	12. County San Juan

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
Well History ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

The above well was spudded on 11-27-64 and drilled to a depth of 834'. 8-5/8" casing was set at that depth with 700 sacks cement containing 2 pounds Tuf plug per sack, 1/2 pound Cele-Flake per sack and 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 750 psi. Test OK. Reduced hole size to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6447 and 4-1/2" casing was set at that depth with stage collar set at 4469. First stage cemented with 400 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack followed by 100 sacks neat. Second stage cemented with 1100 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated 6406-34 with 2 shots per foot. Fracked these perforations with 26,376 gallons water containing 0.8% calcium chloride, 2 pounds J-100 per 1000 gallons, 16,000 pounds sand, 4,000 pounds HCF-2, 1/4 to 1/2 gallons Amoco Surfactant per 1000 gallons. Breakdown pressure 3500 psi, average treating pressure 3500 psi, average injection rate 31 BPM. Set bridge plug at 6380 and tested with 3500 psi. Perforated 6286-6318 with 2 shots per foot. Fracked these perforations with 35,532 gallons water treated as above and containing 34,000 pounds sand, 3,780 pounds HCF-2, 1/4 to 1/2 gallon Amoco Surfactant per 1000 gallons. Breakdown pressure 2800 psi, average treating pressure 2900 psi, average injection rate 41 BPM. Drilled out bridge plug and flowed well to clean up. 2-3/8" tubing landed at 6299 and well completed 1-12-65 as Basin Dakota Field Development Well. Preliminary test 2400 MCFD.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Fred L. Nabors, District Engineer

SIGNED **ORIGINAL SIGNED BY**
F. H. HOLLINGSWORTH

TITLE

FEB 5 1965

DATE **January 27, 1965**

APPROVED BY **A. R. KENDRICK**

PETROLEUM ENGINEER DISTING. 3

DATE **FEB 5 1965**

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. COM.