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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
JUN 3 1965
OIL CON. COM.

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

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

## 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 ☐ GAS WELL ☒ OTHER-

7. Unit Agreement Name

2. Name of Operator
PAN AMERICAN PETROLEUM CORPORATION

8. Farm or Lease Name
Jaques Gas Unit "D"

3. Address of Operator
P. O. Box 480, Farmington, New Mexico

9. Well No.
1

4. Location of Well
UNIT LETTER J, 1825 FEET FROM THE South LINE AND 1950 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 29-N RANGE 9-W NMPM.

10. Field and Pool, or Wildcat
Basin Dakota

15. Elevation *(Show whether DF, RT, GR, etc.)*
5629 (RDB)

12. County
San Juan

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|---|---|---|---|
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | | COMMENCE DRILLING OPNS. ☐ | PLUG AND ABANDONMENT ☐ |
| PULL OR ALTER CASING ☐ | CHANGE PLANS ☐ | CASING TEST AND CEMENT JOB ☐ | |
| OTHER ☐ | | OTHER 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 March 2, 1965 and drilled to a depth of 274'. 10-3/4" casing was set at that depth with 250 sacks cement containing 2% Calcium Chloride. Cement circulated to surface. After waiting on cement, tested casing with 1000 psi. Test OK. Reduced hole size to 9-7/8" and resumed drilling.

Well was drilled to a depth of 2340' and 7-5/8" casing was set at that depth with 450 sacks cement containing 6% Gel and 2 lbs. Tuf Plug per sack followed by 150 sacks neat cement containing 2% Calcium Chloride. Cement circulated to surface. After waiting on cement, tested casing with 1800 psi. Test OK. Reduced hole to 6-3/4" and resumed drilling.

Well was drilled to a total depth of 6659' and 4-1/2" casing set at that depth with stage tool set at 4650'. Cemented first stage with 150 sacks cement containing 6% Gel and 2 lbs. Tuf Plug per sack followed by 100 sacks neat cement. Cemented second stage with 25 sacks neat cement and 200 sacks cement 50:50 Pozmix with 2% Gel and one cubic foot Strata Crete "6" per sack and one pound Tuf Plug per sack followed by 25 sacks neat cement. After waiting on cement, tested casing with 3500 psi. Test OK.

(Continued on reverse side.)

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

SIGNED ORIGINAL SIGNED BY Fred L. Nabors ORIGINAL SIGNED BY F. H. HOLLINGSWORTH TITLE Fred L. Nabors, District Engineer DATE May 28, 1965

APPROVED BY Original Signed Emery C. Arnold TITLE Supervisor Dist. # 3 DATE JUN 3 1965

CONDITIONS OF APPROVAL, IF ANY:

Perforated Lower Dakota 6622-28 and 6633-39 with 4 shots per foot. Fractured these perforations with 18,018 gal. water containing 1% Calcium Chloride and 7 lbs. J-2 per 1000 gallons water and 15,000 lbs 20-40 sand. Breakdown pressure 1600, average treating pressure 3400, average injection rate 33 BPM. Bridge plug set at 6610 and tested with 3500 psi. Test OK. Perforated Main Dakota 6568-84 with 3 shots per foot. Attempted to fracture these perforations with 5,250 gallons water containing 1% Calcium Chloride 7 lbs. J-2 per 1000 gallons water and 2700 lbs. 20-40 sand. Breakdown pressure 2800, maximum treating pressure 3550, treating rate declined to 9BPM. Flushed sand and pumped in 500 gallons acid. Fractured with 27,216 gallons water treated as above and 27,300 lbs 20-40 sand and 10,000 lbs 10-20 sand. Average treating pressure 2250, average injection rate 53 BPM. Ran cement retainer and set at 4540'. Squeezed DV tool at 4650' with 100 sacks neat cement, average injection rate 4 BPM at 1100 psi.

Drilled out cement and tested squeeze over DV tool at 4650' with 3000 psi. Test OK. Drilled bridge plug at 6540'. Fracked with 51,920 gallons water containing 1% Calcium Chloride and 7 lbs. J-2 per 1000 gallons water and 20 lbs F-4 per 1000 gallons water and 30,000 lbs 20-40 sand and 10,000 lbs 10-20 sand. Breakdown pressure 2800, average treating pressure 3000, average injection rate 29 BPM. Bridge plug set at 6548' and tested with 3000 psi. Test OK. Perforated Granerous Dakota 6490-96 and 6510-16 with 4 shots per foot. Fracked these perforations with 28,686 gallons water containing 1% Calcium Chloride and 7 lbs. J-2 per 1000 gallons water and 20 lbs F-4 per 1000 gallons water and 30,000 lbs 20-40 sand. Breakdown pressure 2000, average treating pressure 3000, average injection rate 31 BPM. Drilled bridge plug at 6548'.

2-3/8" tubing landed at 6492' and well completed May 23, 1965, as Basin Dakota Field Development Well. Preliminary test 2100 MCFD.