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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State [X] Fee [ ]

5. State Oil & Gas Lease No.
B-11370

## 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.)

RECEIVED
FEB 11 1965
OIL CON. COM.
DIST. 3

1. OIL WELL [ ] GAS WELL [X] OTHER-

7. Unit Agreement Name

2. Name of Operator
PAN AMERICAN PETROLEUM CORPORATION

8. Farm or Lease Name
State Gas Unit "BA"

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

9. Well No.
1

4. Location of Well
UNIT LETTER G, 1760 FEET FROM THE North LINE AND 1490 FEET FROM THE East LINE, SECTION 16 TOWNSHIP 31-N RANGE 12-W NMPM.

10. Field and Pool, or Wildcat
Basin Dakota

15. Elevation *(Show whether DF, RT, GR, etc.)*
6139 (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 | [X] |

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 11-21-64 and drilled to a depth of 248'. 10-3/4" casing was set at that depth with 130 sacks cement containing 2% Calcium Chloride followed by 20 sacks cement containing 2% Calcium Chloride and 400 pounds Cal Seal. Cement circulated to surface. After waiting on cement tested casing with 600 psi. Test OK. Reduced hole size to 9-7/8" and resumed drilling.

Well was drilled to a depth of 4800'. 7-5/8" casing was set at that depth with 600 sacks cement containing 50-50 Pozmix, 2% gel, 1 cubic foot strata crete 6, 1 pound Tuf Plug per sack followed by 100 sacks cement. After waiting on cement tested casing with 1500 psi. Test OK. Reduced hole size to 6-3/4 and resumed drilling.

At a depth of 7015 dropped 13-5" drill collars in hole on trip for bit. Ran jars and screwed into fish at 6789 and recovered 2 drill collars. Ran taper tap and screwed into fish and pulled 6000 pounds. Tripped out - no recovery. Plugged back with 50 sacks cement containing 15% sand and 2% Calcium Chloride. After waiting on cement drilled out to 6599 and set whipstock. Drilled off whipstock in new hole.

Well was drilled to a total depth of 7290 and 4-1/2" casing was set at that depth with

(continued on reverse side)

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 DATE February 9, 1965

Original Signed By
APPROVED BY A. R. KENDRICK TITLE PETROLEUM ENGINEER DIST. NO. 3 DATE FEB 11 1965

CONDITIONS OF APPROVAL, IF ANY:

stage collar set at 5256'. Cemented first stage with 150 sacks cement containing 6% gel, 2 pounds Tuf Plug per sack and followed by 100 sacks neat cement. Cemented second stage with 100 sacks cement 50-50 Pozmix, 2% gel, 1 cubic foot Strata Crete 6 and 1 pound Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated Main Dakota 7190-7210, 7225-7230 with 2 shots per foot. Fracked these perforations with 53,520 gallons water containing 0.8% Potassium Chloride, 2 1/2 pounds Dowell J-100 per 1000 gallons and 40,000 pounds sand. Breakdown pressure 2000 psi. Average treating pressure 3100 psi. Average injection rate 55.8 BPM. Set Bridge Plug at 7170 and tested with 3500 psi. Test OK. Perforated Groneros 7118-35 with 4 shots per foot. Fracked these perforations with 35,000 gallons water treated as above containing 30,000 pounds sand. Breakdown pressure 1500 psi. Average treating pressure 3300 psi. Average injection rate 45 BPM. Drilled out bridge plug and flowed well to clean up.

2-9/8" tubing landed at 7133 and well completed February 2, 1965 as Basin Dakota Field Development Well. Preliminary test 5600 MCFD.