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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
JUN 9 1965
OIL CON. COM.
DIST. 3

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.
E-1686 Original

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 [X] OTHER-

7. Unit Agreement Name

2. Name of Operator
PAN AMERICAN PETROLEUM CORPORATION

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

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

9. Well No.
1

4. Location of Well
UNIT LETTER F, 1450 FEET FROM THE North LINE AND 1490 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 29-N RANGE 10-W NMPM.

10. Field and Pool, or Wildcat
Basin Dakota

15. Elevation *(Show whether DF, RT, GR, etc.)*
5959 (RKB)

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 [ ]
PLUG AND ABANDON [ ]
CHANGE PLANS [ ]
OTHER [ ]

SUBSEQUENT REPORT OF:

REMEDIAL WORK [ ]
COMMENCE DRILLING OPNS. [ ]
CASING TEST AND CEMENT JOB [ ]
ALTERING CASING [ ]
PLUG AND ABANDONMENT [ ]
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 4-14-65 and drilled to a depth of 368'. 8-5/8" casing was set at that depth with 225 sacks cement containing 2% Calcium Chloride. Cement circulated to surface. After waiting on cement tested casing with 600 psi. Test OK. Reduced hole to 7-7/8" and resumed drilling.

Well was drilled to total depth of 7023' and 4-1/2" casing set at that depth with DV tool set at 2623 and 4921. Cemented first stage with 400 sacks cement containing 6% Gel and 2 lbs Medium Tuf Plug followed by 100 sacks neat cement. Cement circulated to surface. After waiting on cement, tested casing with 3500 psi. Test OK. Cemented second stage with 50 sacks neat cement and 400 sacks cement, 50:50 Pozmix and 4% Gel and 1/2 cubic foot Strata Crete "6" and 1 lb Medium Tuf Plug per sack followed by 25 sacks neat cement. After waiting on cement tested casing with 3500 psi. Test OK. Cemented third stage with 700 sacks cement containing 6% Gel and 1 lb Medium Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test OK. Drill DV tool at 2623' and 4921'.

Perforate lower Dakota 6976-7000 with 2 shots per foot. Fracked these perforations with 34,775 gallons water containing .8% Potassium Chloride and 2-1/2 lbs J-100 per 1000 gallons water and 27,441 lbs 20-40 sand. Breakdown pressure 2200, average treating pressure 3500,

(continued on reverse side)

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

ORIGINAL SIGNED BY F. H. HOLLINGSWORTH

SIGNED _____ Fred L. Nabors, District Engineer TITLE _____ DATE June 8, 1965

Original Signed Emery C. Arnold

APPROVED BY _____ Supervisor Dist. # 3 TITLE _____ JUN 8 1965 DATE _____

CONDITIONS OF APPROVAL, IF ANY:

average injection rate 32 BPM. Bridge Plug set at 6950. Tested with 3500 psi. Test OK. Perforated Main Dakota 6842-70 and 6898-6908 with 2 shots per foot. Fracked these perforations with 64,260 gallons water treated as above and 50,000 lbs 20-40 sand, 6,160 lbs 10-20 sand. Breakdown pressure 1500, average treating pressure 3500, average injection rate 40 BPM. Bridge Plug set at 6820. Tested 3500 psi. Test OK. Ran perforations gun and tagged sand at 6745 and unable to reach perforation depth. Drilled Bridge Plug at 6820' and 6950'.

2-3/8" tubing landed at 6742' and well completed 6-1-65 as shut-in Basin Dakota Field Development Well. Preliminary test 2100 MCFD.