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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
JUN 3 1965
OIL CON

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
Likins Gas Unit "A"

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

9. Well No.
3

4. Location of Well
UNIT LETTER **N**, **1190** FEET FROM THE **South** LINE AND **1105** FEET FROM THE **West** LINE, SECTION **34** TOWNSHIP **30-N** RANGE **9-W** NMPM.

10. Field and Pool, or Wildcat
Basin Dakota

15. Elevation *(Show whether DF, RT, GR, etc.)*
5722 (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 April 1, 1965 and drilled to a depth of 291'. 10-3/4" casing was set at that depth with 225 sacks cement containing 2% Calcium Chloride. Cement circulated to surface. After waiting on cement, tested with 600 psi. Test OK. Reduced hole to 9-7/8" and resumed drilling.

Well was drilled to a depth of 2540 and 7-5/8" casing was set at that depth with 450 sacks cement containing 6% Gel and 2 lbs medium Tuf Plug and 150 sacks neat cement containing 2% Calcium Chloride. Cement circulated to surface. After waiting on cement, tested 7-5/8" casing with 1000 psi. Test OK. Reduced hole to 6-3/4" and resumed drilling.

Core No. 1, 6738-6747 Graneros, Core barrel Jammed. Received 9' tight shaley sand. Core No. 2, 6747-6770, Graneros, received 23' tight shaley sand. Reamed and drilled to 6840. Core No. 3, 6840-6855, Main Dakota, received 14-1/2' tight clean sand with scattered shale in bottom. Reamed and drilled to 6885. Core No. 4, 6885-6920, received 35' as follows: 6885-97 sand, shaley and poor porosity, 6897-99 shale, sandy; 6899-6901 sand, shaley with poor porosity; 6901-05 shale, black; 6905-10 sand with poor porosity; 6910-14 shale, sandy; 6914-16 shale, black; 6916-18 shale, sandy with interbedded coal; 6918-20 sand with poor porosity.

(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 F. L. Nabors TITLE **Fred L. Nabors, District Engineer** DATE **May 28, 1965**

APPROVED BY Original Signed Emery C. Arnold TITLE Supervisor Dist. # 8 DATE JUN 3 1965

CONDITIONS OF APPROVAL, IF ANY:

Well was drilled to a total depth 6962 and 4-1/2" casing was set at that depth with stage tool at 4779. Cemented first stage with 150 sacks cement containing 6% Gel and 2 lbs medium Tuf Plug per sack followed by 100 sacks neat cement. Cemented second stage with 50 sacks neat cement followed by 200 sacks cement 50:50 Pozmix with 1/2 cubic foot Strata Crete "6" per sack and 4% Gel and 1 lb Tuf Plug per sack followed by 25 sacks neat cement. After waiting on cement, tested casing with 3500 psi. Test OK.

Perforated 6850'-74 with 2 shots per foot. Fracked these perforations with 26,796 gallons water containing 1% Calcium Chloride with 7 lb J-2 per 1000 gallons and 30,000 lbs 20-40 sand. Breakdown pressure 1100, average treating 3500, average injection rate 34 BPM.

Bridge plug set at 6810'. Perforate Graneros 6742-66 with 2 shots per foot. Fracked these perforations with 24,612 gallons water treated as above and 20,000 lbs 20-40 sand, and 3,000 lb 10-20 sand. Breakdown pressure 1500, average treating pressure 3500, average injection rate 37BPM. Drilled bridge plug at 6810'.

2-3/8" tubing landed at 6734' and well completed May 26, 1965 as shut-in gas well Basin Dakota Field Development Well. Preliminary test 2650 MCFD.