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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Order No. 1198)

Name of Company PAN AMERICAN PETROLEUM CORPORATION				Address P. O. Box 480, Farmington, New Mexico			
Lease Keys Gas Unit #17	Well No. 1	Unit Letter N	Section 29	Township T-29-N	Range R-10-E		
Date Work Performed	Pool Basin Dakota			County San Juan			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other Exploratory Well History
 ☐ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

The above well was spudded on 10-5-64 and drilled to a depth of 806'. 8-5/8" casing was set at that depth with 600 sacks cement containing 1/2 pound Celotex and 2 pounds Tuf Plug per sack and 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 600 psi. Test OK. Reduced hole size to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6405'. 4-1/2" casing was landed at 6402' with 2 stage collar set at 4388. Cemented first stage with 400 sacks cement containing 6% gel and 2 pounds Tuf Plug followed by 100 sacks cement. Good returns during entire operation. Tested casing to 3500 psi after 3 minutes pressure dropped to zero. Dropped 7 stage bomb and attempted to open stage tool. Circulating with 0 pounds indicating rupture in casing. No cement returns. Waited on cement. Drilled out stage collar and circulated for 1/2 hour. Pulled tubing and bit. Ran tubing and packer. Set packer at 4376 and tested. Casing ruptured. Reset packer at 4407 (below stage collar) and tested with 3500 psi. Test OK. Cut casing at 4400 and recovered same. Ran drill pipe and skirted mill. Went over top of fish and dressed same. Ran 4-1/2" casing with Baash Ross double seal casing bowl. Tied into casing stub, opened stage collar and cemented with 1000 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. Circulated cement to surface. After waiting (See Reverse Side)

Witnessed by _____ Position _____ Company _____

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Casing Diameter	Casing Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Fred L. Nabors, District Engineer

Approved by
Original: Ernest Henry C. Arnold

Name

Title
Supervisor District 4

Position

Date
NOV 4 1964

Company

PAN AMERICAN PETROLEUM CORPORATION

on cement tested casing with 3500 psi. Test OK.
Perforated Main Dakota 6272-82, 6292-6304 with 2 shots per foot. Fractured these perforations with 42,420 gallons water containing 0.8% potassium chloride, 2 pounds FR-8 per 1000 gallons and 40,000 pounds sand. No breakdown pressure. Average treating 3050 psi. Average injection rate 53.5 BPM. Bridge plug set at 6260 and tested with 3500 psi. Test OK. Perforated Graneros 6202-12 with 4 shots per foot. Fracked these perforations with 27,440 gallons water treated as above and containing 27,000 pounds sand. Breakdown pressure 1700. Average treating 3150 psi. Average injection rate 37.5 BPM. Sanded off with 3000 pounds 10-20 sand in formation. Riled well back and completed flush. Drilled out bridge plug and cleaned well up.
2-3/8" tubing landed at 6222 and well completed October 27, 1964, as Basin Dakota Field Development well. Preliminary test 6250 MCFD.