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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 Rule 1106)

Name of Company	Address
Pan American Petroleum Corporation	P. O. Box 480, Farmington, New Mexico

Lease	Well No.	Unit Letter	Section	Township	Range
Stedje Gas Unit	1	F	27	T-30-N	R-12-W

Date Work Performed	Pool	County
	Basin Dakota	San Juan

RECEIVED
NOV 20 1961
OIL CON. COM.
DIST. 3

THIS IS A REPORT OF: *(Check appropriate block)*

☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☒ Other *(Explain)*: Frac

☐ Plugging ☐ Remedial Work

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

Tested 7" casing with 1250 psi for 30 minutes, which held with no indication of pressure drop. Ran Cemotem log which indicated cement fill plug back depth to surface. Spotted 1000 gallons 7-1/2 percent BDA. Perforated Dakota with 6 shots per foot 6180-6187' and 6228-6235'. Sand water fracked with 73,000 gallons of water containing 1 percent calcium chloride and 60,000 pounds of 20-40 sand. Breakdown pressure 2,000 psi, average treating pressure 1800 psi. Dropped 45 perforated ball sealers midway through treatment. After balls hit, average treating pressure was 2200 psi. Average injection rate 48 barrels per minute. Ran tubing with 6-1/4" bit and checked top sand at 6154' and reversed out sand to 6293'. Pulled above perforations and swabbed to unload well but unable to clean up properly. Hooked up gas drilling lines and blew well 24 hours to unload water. Gauged 1865 MCF per day, gas wet with water and condensate. Set Baker Model "D" production packer at 6100' and loaded casing with water. Perforated Cliffhouse with 4 shots per foot 3299-3318'. Displaced water with gas to top of perforations and let zone clean up. Blew out approximately 100 barrels of drilling mud and water and gauged 7461 MCF per day after blowing 14 hours. Unable to unload water from casing below Cliffhouse perforations due to low gas pressure. Laid down workover tubing. Ran 2-3/8" Dakota

Witnessed by	Position	Company
		(See reverse side)

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	Oil String Diameter	Oil String 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.
Approved by: Original Signed Emery C. Arnold	Name: ORIGINAL SIGNED BY R. M. Bauer, Jr.
Title: Supervisor Dist. # 3	Position: Senior Petroleum Engineer
Date: NOV 20 1961	Company: Pan American Petroleum Corporation

tubing. Pushed out expendable plug in Baker Model "D" production packer and cleaned out water in casing. Landed 2-3/8" tubing in packer at 6100', and tail pipe at 6115'. Ran 2-3/8" Mesaverde tubing at 3286' and installed tree. Testing indicated packer holding satisfactorily and no communication between zones. Released rig November 10, 1961.

Total depth 6340', plug back depth 6293'. Completed as shut-in dual gas well Basin Dakota and Undesignated Mesaverde Fields November 15, 1961. Preliminary test Mesaverde November 14, 1961, 17 hour Dakota Shut-in tubing pressure 1925 psi and 96 hour Mesaverde shut-in tubing pressure 1400 psi and shut-in casing pressure 1350 psi and flowed 3 hours on 1" choke and gauged 8155 MCF per day with tubing pressure flowing 350 psi and casing pressure flowing 920 psi and 20 hour Dakota shut-in tubing pressure 1925 psi. Preliminary test Dakota November 15, 1961, Mesaverde 21 hour shut-in tubing pressure and casing pressure 1350 psi and Dakota 38 hour shut-in tubing pressure 1950 psi and flowed 3 hours and gauged 3042 MCF per day with tubing pressure flowing 160 psi with gas heavy spray condensate and Mesaverde 24 hour shut-in tubing pressure 1350 psi and shut-in casing pressure 1360 psi. Top pay Dakota 6176' Top pay Mesaverde 3296'.