

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

# 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 <b>Pan American Petroleum Corporation</b>				Address <b>Box 480, Farmington, New Mexico</b>			
Lease <b>Abrams Gas Unit "E"</b>		Well No. <b>1</b>	Unit Letter <b>I</b>	Section <b>30</b>	Township <b>T-29-N</b>	Range <b>R-10-W</b>	
Date Work Performed		Pool <b>Basin Dakota</b>			County <b>San Juan</b>		

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input checked="" type="checkbox"/> Casing Test and Cement Job 4-1/2"	<input checked="" type="checkbox"/> Other (Explain): <b>Core and Frae</b>
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	

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

The above well was cored as follows:

Core No. 1 - Dakota 6176-6211. Recovered 35' as follows - 6176-6176-1/2' clean and tight sand, 6176-1/2-6177-1/3' sand with shale laminations and horizontal fractures. 6177-1/3'-6185' sand clean tight vertical fractures throughout. 6185-6199' sand, shaley vertical fractures throughout. 6199-6200-1/2' shale sandy vertical fractures throughout. 6200-1/2-6211' sand tight slightly shaley vertical fractures throughout.

Core No. 2 - Dakota 6211-6242-1/2'. Recovered 31-1/2' as follows: 6211-6241 tight sand shaley vertical fractures throughout. 6241-6242-1/2' sand clean, fine porosity vertically fractured.

Core No. 3 - 6242-1/2-6253'. Recovered 10-1/2' as follows: 6242-1/2-6245' sand clean fine porosity highly vertical fractured bleeding gas. 6245-6250' sand fine shale laminations fine porosity highly vertical fractured, bleeding gas. 6250-6253' sand clean fine porosity vertically fractured, bleeding gas. (SEE REVERSE)

Witnessed by	Position	Company
--------------	----------	---------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA				
Depth 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 <b>Original Signed by W. B. Smith</b>	Name <b>ORIGINAL SIGNED BY W. B. SMITH</b>
Title <b>DEPUTY OIL &amp; GAS INSPECTOR DIST. NO. 3</b>	Position <b>Petroleum Engineer</b>
Date <b>SEP 18 1962</b>	Company <b>Pan American Petroleum Corporation</b>

This well was drilled to a total depth of 6383' and 4-1/2" casing was set at 6382'. Second stage tool was set at 1926'. Cemented first stage with 250 sacks of neat Incor cement containing 4% gel and 1-1/2 lbs. medium Tuf Plug per sack followed by 100 sacks of neat Incor.

Cemented second stage with 500 sacks neat Incor containing 4% gel. Circulated 90 sacks cement. After waiting on cement, tested 4-1/2" casing to 3500 for 15 minutes. Test o.k.

Perforated 6253-6259 with 8 shots per foot. Sand water fracked these perforations with 30,806 gallons water containing 1% calcium chloride and 2-1/2 lbs. of FR-2 per 1,000 gallons, and 32,000 lbs. of sand. Pressures were: Breakdown - 1700, Maximum Treating - 3500, Minimum Treating - 2800, Average Treating - 3000. Average Injection Rate - 37 barrels per minute.

Tubing landed at 6247'. Swabbed well in. Preliminary test 9-14-62 6,574 MCF per day. Completed as shut in Basin Dakota Field development well.