

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

1956 OCT 11 PM 2:50

COMPANY Amerada Petroleum Corporation - Drawer D, Monument, New Mexico  
(Address)

LEASE State WM "E" WELL NO. 1 UNIT F S 31 T 18-S R 37-E  
DATE WORK PERFORMED 4/30 to 10/9/56 POOL Undesignated

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other Temporarily Abandoned

Detailed account of work done, nature and quantity of materials used and results obtained.  
4050' TD - After setting 5 1/2" OD Casing at 3950', acidized open hole from 3950' to 4050' with 1000 gallons 15% LST Acid, max. TP 2800#, min. TP 2400#, inj. rate 1.5 MFK BPM. Sand-Oil open hole 3950' to 4050' with 20,000 gals. Famariss 24 gravity oil & 20,000# sand, max. TP 4400#, min. TP 4200#, avg. inj. rate 12.2 BPM. Pumped load back & was pumping 8 to 9 bbls. oil per day plus 4 bbls. water. Perforated 5 1/2" OD Casing from 3845' to 3885'. Set bridge plug at 3900'. Acidized perms. 3845' to 3885' with 500 gals. 15% LST Acid, max. TP 3500#, min. TP 3300#, Inj. rate 3 BPM. Sand-Oil perms. 3845' to 3885' down tbg & cas. w/20,000 gals. refined oil & 25,000# sand, max. press. 3300#, min. press. 3100#, inj. rate 15 BPM. Swabbed 1 bbl. oil last hr. Perf. 5 1/2" OD Casing from 3895' to 3938'. Set packer at 3889'. Acidized perms. 3895' to 3938' with 500 gals. 15% LST Acid. Had communication with upper perms. Pulled packer. Sand-Oil 5 1/2" Casing perms 3845' to 3885' & 3895' to 3938' down casing with 20,000 gals. refined oil & 25,000# sand, max. press. 3100#, min. press. 3000#, inj. rate 17 BPM. Pulled bridge plug. Put on pump & pumped from 6-3-56 to 10-3-56. Pumped 3.61 bbls. oil & .79 bbls. water last 24 hrs., still lacked 141 bbls. oil having lead recovered. Ran Baker wire line bridge plug & set at 3100'. Dumped 1 sack cement on top. Perforated 5 1/2" OD Casing at 3085' with 4 shots. Set Baker Model "K" cement

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY CONTINUED ON NEXT PAGE\*\*\*\*\*

Original Well Data:  
DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		
		(Company) _____

OIL CONSERVATION COMMISSION  
Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name \_\_\_\_\_ Position \_\_\_\_\_ Company \_\_\_\_\_

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\*\*\*\*CONTINUED\*\*\*\* retainer at 3075'. Pumped 70.50 sacks cement into formation, left 1 1/2 sacks below retainer and circulated out 3 sacks cement, maximum pressure 800#. Ran temperature survey, top cement outside 5 1/2" OD Casing at 2648' or 97.5% fill. Perforated 5 1/2" OD Casing from 3030' to 3065' with 140 Lane Wells Type "E" bullets. Acidized with 500 gallons 15% LST acid, maximum tubing pressure 3200#, minimum tubing pressure 3000#, injection rate 13.4 BPM. Sand-oil down 3 1/2" OD Tubing with 20,000 gals. refined oil & 20,000# sand, maximum tubing pressure 3500#, min. tubing pressure 3000#, inj. rate 12 BPM. Swabbed 1.58 bbls. oil, .89 bbls. BS & .14 bbls. water last hour. Lacked 304 bbls. oil having lead recovered. Attempted to complete as a gas well, only had 41,000 to 45,000 cu. ft. of gas with each pull of swab, no steady blow. Closed well in with gate valve on top, temporarily abandoned.

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Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

Name *P. M. Heider*  
Title Engineer District 1  
Date OCT 15 1956

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

Name *R. C. [unclear]*  
Position District Superintendent  
Company Amerada Petroleum Corporation

THE COMMISSION MUST BE NOTIFIED EVERY 6 MONTHS ON FORM C-103 AS TO THE WELL STATUS AND YOUR FUTURE PLANS FOR THIS WELL.