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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 Shell Oil Company				Address Box 1858 Roswell, New Mexico			
Lease State "TN"	Well No. 7	Unit Letter I	Section 33	Township 17 S	Range 35 E		
Date Work Performed Nov 1 thru 28, 1963		Pool Vacuum-Abo		County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
☐ Plugging
 ☒ Remedial Work

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

Pulled rods, pump and tubing.

Reran tubing with Lynes Packer spaced 135' apart. Set bottom packer @ 8854' and top packer at 8719'.

Spotted 300 gallons Temblok 30 over perforations 8866' - 8900' and displaced to formation on vacuum.

Released packer and reset bottom packer @ 8716' and top packer @ 8581'. Pumped 200 gallons Temblok 30 thru perforations 8634' - 8698' with 1300 psi.

Treated below packers with 5,000 gallons 15% thin retarded acid followed by 2000 gallons acid-in-kerosene emulsion followed by 15,000 gallons 15% thin retarded acid.

Total tubing 297 joints (9141') 2" EUE 8R. Hung @ 9151' with SN @ 9116'. Tubing perforations 9117' - 9120'; McGaffey-Taylor anchor 9110' - 9116'; one joint BPMA. Ran 20-116-RHBG 15x19x5 Fluid Packed Pump on 266 3/4", 96 7/8" rods with slimhole boxes and placed well on production.

Recovered load.

In 24 hours pumped 75 BO / 15 BW on 10-86" SPM.

Witnessed by M. R. Dillon	Position Prod. Foreman	Company Shell Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 3947'	TD 10,498'	PBTD 9172'	Producing Interval 8790 - 8900'	Completion Date 6-2-64
Tubing Diameter 2"	Tubing Depth 8889'	Oil String Diameter 5 1/2"	Oil String Depth 9289'	
Perforated Interval(s) 8790' - 8842' and 8866' - 8900'				
Open Hole Interval		Producing Formation(s) Abo		

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	10-9-63	40	42.2	2	1054	
After Workover	11-28-63	75	65.8	15	877	

OIL CONSERVATION COMMISSION

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

Approved by

Title

Date

Name

Position

Company

R. A. Lowery

District Exploitation Engineer

Shell Oil Company

Original Signed By

E. A. LOWERY

BBS OFFICE O.C.C.

10 18 AM '64

1. The first part of the paper is devoted to a

discussion of the various methods which have been proposed for the determination of the

value of the constant k in the equation

$$k = \frac{1}{n} \left(\frac{1}{\bar{x}} - \frac{1}{\bar{y}} \right)$$

where \bar{x} and \bar{y} are the means of the two series of observations.

The second part of the paper is devoted to a discussion of the various methods

which have been proposed for the determination of the value of the constant k

in the equation $k = \frac{1}{n} \left(\frac{1}{\bar{x}} - \frac{1}{\bar{y}} \right)$.

The third part of the paper is devoted to a discussion of the various methods

which have been proposed for the determination of the value of the constant k

in the equation $k = \frac{1}{n} \left(\frac{1}{\bar{x}} - \frac{1}{\bar{y}} \right)$.

The fourth part of the paper is devoted to a discussion of the various methods

which have been proposed for the determination of the value of the constant k

in the equation $k = \frac{1}{n} \left(\frac{1}{\bar{x}} - \frac{1}{\bar{y}} \right)$.

The fifth part of the paper is devoted to a discussion of the various methods

which have been proposed for the determination of the value of the constant k

in the equation $k = \frac{1}{n} \left(\frac{1}{\bar{x}} - \frac{1}{\bar{y}} \right)$.

The sixth part of the paper is devoted to a discussion of the various methods

which have been proposed for the determination of the value of the constant k

in the equation $k = \frac{1}{n} \left(\frac{1}{\bar{x}} - \frac{1}{\bar{y}} \right)$.

The seventh part of the paper is devoted to a discussion of the various methods

which have been proposed for the determination of the value of the constant k

in the equation $k = \frac{1}{n} \left(\frac{1}{\bar{x}} - \frac{1}{\bar{y}} \right)$.

The eighth part of the paper is devoted to a discussion of the various methods