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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)

HOBBS DISTRICT OFFICE
MAY 10 10 33 AM '64

Name of Company Shelly Oil Company				Address Box 730 - Hobbs, New Mexico			
Lease Hobbs "P"	Well No. 1	Unit Letter "K"	Section 20	Township 14-S	Range 34-E		
Date Work Performed March 20 - May 11, 1964	Pool East Saunders Perno Penn			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.

Well spudded on February 17, 1964. Reached total depth of 10,531' on March 19, 1964. Set 295 joints (10,536') of new 5-1/2" OD 17 1/2 & 20 1/2 SS M-80 & P-110 LTSC casing set at 10,530' and cemented with 300 sacks of cement by the Pump & Plug Process. Plug down at 5:00 A.M. March 21, 1964. W.O.C. 24 hours. Pressured up to 600# for 30 mins. and casing tested OK. Temperature Survey indicated top of cement behind 5-1/2" OD casing at 8296' from surface. Perforated 5-1/2" OD casing from 10,465' to 10,472' and 10,444' to 10,447' with 4 jet shots per foot for a total of 10' and 40 shots. Swabbed and tested for 3 hours with no show of oil, gas or water. Perforated 5-1/2" OD casing from 10,421' to 10,429' with 4 jet shots per foot for a total of 8' and 32 shots. Treated through 5-1/2" OD casing perfs. 10,421' to 10,472' down 2-3/8" OD tubing with 2,000 gallons of Regular I-15 Acid. Unseated packer and pulled tubing, packer and hydraulic hold down. Set Baker Model "H" bridge plug at 10,385'. Dumped 1 sack cement on top of bridge plug. Perforated 5-1/2" OD casing from 10,329' to 10,342' with four shots per foot for a total of 13' and 52 shots. Treated through 5-1/2" OD casing perfs. from 10,329' to 10,342' down 2-3/8" OD tubing with 2,000 gallons 15% Regular Acid. Pulled tubing and repaired packer. Ran tubing back in hole.

SEE REVERSE SIDE

Witnessed by Mr. E. L. Holley	Position Area Foreman	Company Shelly Oil Company
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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						

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

OIL CONSERVATION COMMISSION		Name (ORIGINAL SIGNED) H. E. Aab	
Approved by <i>[Signature]</i>		Position Dist. Supt.	
Title SUPERVISOR DISTRICT 1		Company Shelly Oil Company	
Date MAY 14 1964			

Treated through 5-1/2" OD casing perfor. 10,329' to 10,342' down 2-3/8" OD tubing with 1,000 gallons of mud acid. Pulled tubing in preparation to squeezing off perforations 10,329' to 10,342'. Ran 2-3/8" OD 4.7# N-80 Extreme Line tubing with Halliburton "RTS" Packer. Set packer at 10,132'. Squeezed through 5-1/2" OD casing perfor. 10,329' to 10,342' with 30 sacks of cement. Left 20 sacks in 5-1/2" OD casing below tool. Pulled "RTS" Packer and tubing. Drilled out cement inside 5-1/2" OD casing from 10,170' to 10,342'. Drilled out and pushed bridge plug at 10,385' to 10,476'. Squeezed and tested 6 hours. Ran 2-3/8" OD 4.7# N-80 Extreme Line tubing with Halliburton "RTS" Packer. Set packer at 10,130'. Squeezed through 5-1/2" OD casing perfor. 10,421' to 10,429'. Left 15 sacks cement in 5-1/2" OD casing. Pulled tubing and "RTS" Packer. Drilled out cement inside 5-1/2" OD casing from 10,260' to 10,438'. Pulled tubing, drill collars and bit. Perforated 5-1/2" OD casing from 10,421' to 10,429' with 2 shots per foot for a total of 8' and 16 shots. Ran 2-3/8" OD 4.7# N-80 Extreme Line tubing and set at 10,432' with 3 perforations and bull plugged on bottom. Outboreon 1-30 Packer set at 10,177' with hydraulic hold down set at 10,175'. Treated through 5-1/2" OD casing perfor. from 10,421' to 10,429' down 2-3/8" OD tubing with 1,000 gallons 15% Regular MX acid. Squeezed and tested. Treated through 5-1/2" OD casing perforations from 10,421' to 10,429' down 2-3/8" OD tubing with 15% Regular MX acid. Pulled tubing, packer and hydraulic hold down. Installed pumping equipment. Ran 2-3/8" OD 3.7# Spang Extreme Line N-80 tubing set at 10,399' with Baker Model "R" Packer set at 10,396' and Field Pack Hydraulic Pump Cavity set at 10,390'. Pumped and tested well. Pulled 2-3/8" OD Extreme Line tubing, Baker Model "R" Packer and Hydraulic Pump Cavity. Ran 2-3/8" OD 4.7# Extreme Line tubing. Set same at 10,424' with Outboreon 1-30 Packer set at 10,176' and Hydraulic Hold Down set at 10,174'. Treated through 5-1/2" OD casing perfor. 10,421' to 10,429' down 2-3/8" OD tubing with 10,000 gallons FLAXM-26 15% acid and 380 standard cubic feet per barrel N-2 Cook's Nitrogen. Pulled tubing. Outboreon 1-30 Packer and Hydraulic Hold Down. Ran 3 3/4 joints of 2-3/8" OD 4.7# Extreme Line tubing set at 10,406' with Baker Model "R" Packer set at 10,403'. Kobe 4 x 2 x 2 pump set at 10,398'.

After recovering all lost oil well pumped 66 barrels of oil in 24 hours.