

DUPLICATE

Form C-103  
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Shell Oil Company (Address) Box 1957, Hobbs, New Mexico

LEASE Arco WELL NO. 5 UNIT N S 15 T 21-S R 37-E  
DATE WORK PERFORMED 10-31-56 POOL Hobo

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

Detailed account of work done, nature and quantity of materials used and results obtained.  
Set Baker Cement Retainer - 7625'. Pumped 75 cu. cement mixed w/ 1/2" Flossal per sack down tubing. Flushed w/30 1/4 BV to clear retainer. Drilled to top of retainer. Displaced water w/oil & spotted 500 gallons 15% acid over casing perforations. Let acid set 5 minutes - pressure broke 1500 - 1200 psi. Injected acid 1/2 b/m @ 1200 psi. Flushed w/30 BO. Perforated 5 1/2" casing 7552' - 7558', 7566' - 7571' & 7611' - 7620'. w/4 jet shots per foot. Mixed 150 gallons Control-flow / 1500 gallons lease crude & spotted over casing perforations. Set packer & pumped treated crude into perforations. Pulled tubing. Loaded casing w/60 BO. Treated w/5000 gallons gelled lease crude (Control-flow) containing 5000# sand & 250# fluid-loss control additive (F-3). Overflushed w/100 BO.

Well in. Well dead.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3429' TD 8091' PBD 7767' Prod. Int. 31.11 BOPD Compl Date 2-5-56  
Tbng. Dia 2" Tbng Depth 7617' Oil String Dia 5 1/2" Oil String Depth 7785'  
Perf Interval (s) 7544' - 7550', 7566' - 7571', 7596' - 7600' & 7608' - 7613'  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) Hobo

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>10-18-56</u>	<u>Well dead</u>
Oil Production, bbls. per day	<u>15.79</u>	_____
Gas Production, Mcf per day	<u>159.024</u>	_____
Water Production, bbls. per day	<u>0</u>	_____
Gas-Oil Ratio, cu. ft. per bbl.	<u>10.071</u>	_____
Gas Well Potential, Mcf per day	<u>--</u>	_____
Witnessed by <u>H. B. Leach</u> Production Foreman	Shell Oil Company (Company)	

OIL CONSERVATION COMMISSION

Name E. J. Fischer  
Title Engineer District II  
Date JAN 18 1957

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

Name B. Nevill Original signed by B. Nevill  
Position Division Exploitation Engineer  
Company Shell Oil Company