

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS  
(Submit to appropriate District Office as per Commission Rule 1106)COMPANY Shell Oil Company Box 1957 Hobbs, New Mexico  
(Address)LEASE Pacific Royalty Co. WELL NO. 5 UNIT "H" S-10 T-15-8 R-37-E  
DATE WORK PERFORMED 1-4 thru 23, 1956 POOL Denton WolfcampThis 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.

Ran Baker retrievable bridge plug on wire line to 8340'. Went in hole with Baker full bore retrievable packer to 2,000' and tested casing every 1,000' to determine leak. Found hole at 6475'. Pulled packers and ran magnesium drillable bridging plug on wire line to 6510'. Ran Baker Model K magnesium retainer on tubing and set at 6450'. Injected water at rate 2 3/4 bbl/min. at 2000 psi. Pumped 30 barrels and had communications between 7" & 9-5/8" casing with approximately 50% returns. Mixed 150 sacks slt set cement and displaced 120 sacks thru hole with approximately 50% returns. With 120 sacks away, closed casing head valve and displaced remaining cement. Pulled out of retainer and reversed out an estimated 5 sacks cement. Pulled tubing. WOC 18 hours. Ran temperature survey and found no indications of cement on outside of casing above 6450'. Drilled out top of bridge plug at 6450' and found no cement between upper and lower bridge plug. Drilled out cement to 7455', washed to TD, and circulated hole clean. Ran Baker retrievable bridge plug on wire line to 8340'. Ran Baker retrievable packer and set at 100' intervals from 6,000' to 7,000' and tested casing with 1500 psi. Found no leaks. Pulled bridge plug and packer and ran tubing, pump, and rods.

## FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3814' TD 12,650' PBD 9,400' Prod. Int. 267 BO Compl Date 8-20-54  
Tbng. Dia 2 1/2 Tbng Depth 9395' Oil String Dia 7" Oil String Depth 10,999'  
Perf Interval (s) 9268'-9284', 9299'-9357', 9366'-9370'  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) Wolfcamp

## RESULTS OF WORKOVER:

	BEFORE	AFTER PUMPING
Date of Test	<u>12-7-55</u>	<u>1-23-56</u>
Oil Production, bbls. per day	_____	<u>67</u>
Gas Production, Mcf per day	_____	<u>Not measured</u>
Water Production, bbls. per day	<u>100%</u>	<u>83</u>
Gas-Oil Ratio, cu. ft. per bbl.	_____	<u>Not measured</u>
Gas Well Potential, Mcf per day	_____	_____

Witnessed by H. G. Starling Production Foreman Shell Oil Company  
(Company)

## OIL CONSERVATION COMMISSION

Name C. M. Lundy  
Title Engineer District 7  
Date JAN 25 1956

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

Original signed by  
Name D. C. Meyers D. C. Meyers  
Position Division Mechanical Engineer  
Company Shell Oil Company