

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 845, Roswell, New Mexico

Lease

State GA

Well No.

5

Unit Letter

G

Section

16

Township

15S

Range

36E

Date Work Performed

7-1 thru 9-17-59

Pool

Caudill-Wolfcamp

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.

RECOMPLETED FROM DEVONIAN TO WOLFCAMP.

Pulled rods, pump & tubing. Set Baker Model "N" CIBP on wire line @ 10,690' & capped w/2 sx. cement. Perforated 5 1/2" casing w/4 jet shots @ 10,650'. Ran gage ring & junk basket to 10,635'. Set Baker Model "K" cement retainer on wire line @ 10,615'. Ran Baker stinger to cement retainer on 2" & 2 1/2" tubing. Mixed 275 sx. 4% Slo-set cement & displaced w/46 BW. Reversed out 20 sx. Pulled tubing & stinger. After WOC 9 hours ran Temperature Survey 5000' - 10,612'. Found top of cement @ 9030'. Ran tubing open-ended & spotted 500 gallons 15% MCA. Perforated 10,543' - 10,548', 10,530' - 10,540', 10,286' - 10,292' w/4 JSPP. Set Baker Model "N" CIBP @ 10,315' & Baker Model "K" Magnesium cement retainer @ 10,235' w/wire line. Treated w/300 gallons 5% MCA followed by 15 bbls. fresh water. Squeezed below retainer w/150 sx. Slo-set neat cement. Ran tubing w/4 1/2" bit & drilled retainer & cement to 10,305'. Drilled out CIBP @ 10,315'. Pulled tubing & bit. Ran 2 1/2" tubing w/Baker Model "C" retrievable packer to 10,588'. Treated w/500 gallons 15% acid. Ran tubing & hung @ 10,586' w/packer @ 10,378'. Swabbed 7 BO, cut 5% mud. Treated down tubing w/1500 gallons 15% NE acid. Flushed w/61 BO. In 3 hours swabbed 10 BF, cut 18% water + 2% BS. Pulled tubing & packer. Reperforated 10,286' - 10,292' w/2-1/2" JSPP. (Continued on back of page)

Witnessed by

H. G. Starling

Position

Production Foreman

Company

Shell Oil Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
3913'	13,656'	13,560'	13,520' - 13,530'	10-1-55

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth
2" & 2 1/2"	13,543'	5 1/2"	13,656'

Perforated Interval(s)
13,565' - 13,585' & 13,520' - 13,530'

Open Hole Interval

-

Producing Formation(s)

Devonian

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	Shut in					
After Workover	9-17-59	12	51.9	16	4325	-

OIL CONSERVATION COMMISSION

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

Approved by

Title

Engineer

Date

SEP 30 1959

Name

R. A. Lowery

Original Signed By

R. A. LOWERY

Position

District Exploitation Engineer

Company

Shell Oil Company

Ran tubing w/retrievable bridge plug set @ 10,390', FHR packer @ 10,233', tubing hung @ 10,306'.
 Treated w/500 gallons 15% MCA. In 16 1/2 hours swabbed 16.5 BF, cut 25% water + 4% BS.
 Treated via casing w/500 gallons 15% acid. Pulled retrievable bridge plug & FHR packer.
 Perforated 10,189' - 10,204' w/2 JSRF. Ran 21/2" tubing w/retrievable BF @ 10,245', tubing
 @ 10,213', packer swinging @ 10,138'. Treated w/500 gallons 15% MCA. Swabbed 20 % oil + 80%
 water. Pulled tubing & packer leaving retrievable BF in place. Ran 326 jts. (10,202') 2 1/2"
 tubing w/BP retrievable tool on bottom & hung @ 10,215'. Seating nipple @ 10,210'. Ran
 1 1/4" x 21/2" x 26' Fluid Packed Insert Pump & rods. In 24 hours pumped 16 BO + 30 BW
 (pumped from perforations 10,189' - 10,204'). Pulled rods, pump, tubing and retrievable BP.
 Ran 338 jts. (10,583') 2 1/2" tubing & hung @ 10,595'. Seating Nipple @ 10,548'. Ran 2 1/2"
 x 1 1/4" x 28' Fluid Packed Improved Insert Pump & rods. In 24 hours pumped 1.5 BO + 29 BW.
 Pulled rods, pump & tubing. Ran tubing w/Baker retrievable packer @ 10,250' w/BP tubing
 hung @ 10,553'. Treated perforations 10,286' - 10,292', 10,530' - 10,540', & 10,543' -
 10,548' w/500 gallons 15% BDA & 3000 gallons 15% NE acid. Swabbed 66 BO + 116 BW. Pulled
 tubing & packer. Ran production string to previous setting. Recovered load.
 On OPI pumped 12 BOPD + 16 BWP w/7-11' SPM. Gravity 40 deg. API. GOR 4325.