Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

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

1957 OCT 15 PM 3:17

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

LEASE State WD WELL NO. 1 UNIT K S 29 T -16-S R -34-E

DATE WORK PERFORMED 9-3 thru 10-10-57 POOL Kemnitz-Wolfcamp

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [ ] Plugging
- [ ] Results of Test of Casing Shut-off
- [ ] Remedial Work
- [x] Other Completion

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

Perforated 5 1/2" casing 10,810' - 10,816' w/4 JSPF. Washed perforations w/250 gallons MCA. Washed & soaked 1 hour. Reversed out. Treated w/500 gallons MCA. In 4 hours swabbed 39 BW & 3 BO. Ran Baker Model "K" Magnesium cement retainer & Baker Model "L" circulation joint w/reverse circulation control valve. Set retainer @ 10,790'. Mixed 400 gallons Cealment & squeezed casing perforations w/2 1/2 bbls. Cealment @ 2000 psi. Reversed out 6 bbls. Cealment leaving 1/2 bbl. Cealment in casing. Drilled retainer to 10,788' & 26' cement. Washed to 10,865'. Tested casing w/2000 psi for 30 minutes. Test OK. Perforated w/Western "FI Gun" @ 10,825' (6 holes). Set Baker FBRC retainer @ 10,818'. Spotted 500 gallons MCA on casing perforations. Injected @ 5000 - 4000 psi. Established communication w/upper perforations. Pulled retainer. Set Baker Model K Magnetic cement retainer on wire line @ 10,760'. Squeezed perforations 10,810' - 10,816' & 10,825' w/60 sx. cement. Left 5 sx. in casing. Reversed out 5 sx. Top retainer @ 10,760'. After WOC 24 hours drilled retainer & cement to 10,825'. Washed to bottom @ 10,865'. Displaced water w/oil. Tested 5 1/2" casing perforations after squeeze. Test OK. Perforated 5 1/2" casing w/"FI Gun" @ 10,825'. Ran 2" tubing open-ended w/Baker full bore setdown packer set @ 10,819' w/4' tubing sub below packer. Spotted 500 gallons 15% regular acid over perforations 10,825' & treated as follows: (See back of page)

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test		
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		
Witnessed by		

(Company)

OIL CONSERVATION COMMISSION

Name _____

Title _____

Date _____

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

Name Rex C. Cabaniss (Original Signed By Rex C. Cabaniss)

Position District Exploitation Engineer

Company Shell Oil Company

Pressured to 3000 psi w/10 gallons acid. Let soak & pressure dropped to 2000 psi in 7 minutes. Pressured to 2500 psi w/1 bbl. acid. Let soak & pressure dropped to 1700 psi in 4minutes. Pressured to 3000 psi w/½ bbl. acid. Let soak & pressure dropped to 1300 psi in 9 minutes. Pressured to 2800 psi w/ 1 1/2 bbls. acid. Let soak & stopped treatment & reversed out 8 bbls. acid. Total acid in formation 4 bbls. Casing pressure increased from 500 psi to 1600 psi during treatment indicating communication. Set packer @ 10,820'. Loaded hole w/oil. Spotted 500 gallons 15% regular acid over casing perforations 10,825' & treated as follows: Pressured to 3000 psi w/60 gallons acid. Let soak & pressure decreased to 2000 psi in 2 minutes. Pressured to 3000 psi w/30 gallons acid. Pressure broke to 1000 psi, casing pressure increased to 1300 psi indicating established communication w/squeezed perforations 10,810' - 10,816'. Injected 10 gallons & tubing & casing pressure increased to 1500 psi. Reversed out 9 1/2 bbls. acid. Raised packer to 10,770' & in 8 hours swabbed 1 BLO & 47 BW. Perforated 10,797' - 10,803', 10,811' - 10,816', 10,822' - 10,832', & 10,840' - 10,849' w/4 JSPF. Lowered tubing to 10,855'. Injected 1000 gallons 15% regular acid over casing perforations 10,797 - 10,849'. Ran 1 3/4" x 2 1/2" x 32' Fluid Pack Improved Insert Pump. Set 20' Portable Pelton Pumping Unit.

On OPT pumped 124 BOPD & 130 BW w/6-20' SPM. GOR 1024.