

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Carper Drilling Company, Inc. Artesia, New Mexico
(Address)

LEASE Carper - Randel WELL NO. 4-A UNIT H S 24 T 22S R 35E
DATE WORK PERFORMED Dec. & Jan. POOL Isimat
2-4-57

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

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

See attached sheet

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 | <u> </u> | <u> </u> |
| Oil Production, bbls. per day | <u> </u> | <u> </u> |
| Gas Production, Mcf per day | <u> </u> | <u> </u> |
| Water Production, bbls. per day | <u> </u> | <u> </u> |
| Gas-Oil Ratio, cu. ft. per bbl. | <u> </u> | <u> </u> |
| Gas Well Potential, Mcf per day | <u> </u> | <u> </u> |

Witnessed by A. L. Pierce Carper Drilling Company, Inc.
(Company)

OIL CONSERVATION COMMISSION

Name E. J. Fisher
Title Engineer District II
Date Feb. 11, 1957

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

Name Thomas H. Lawley
Position Vice-President
Company Carper Drilling Co., Inc.

On 11-20-56, we perforated from 3746-3782 using 4 shots per foot and prepared to sandfrac. While breaking the formation down with one truck using crude oil, the casing split at a depth of 548' at 3250#. We then squeezed the split 4 times using a total of 200 sacks of cement, 2% chloride before it was repaired. The split was tested to 1400# and no pressure drop was observed after 1 1/2 hrs. On 11-28-56, after running 2 1/2" tubing with a packer set at 3716' and using two trucks, we sandfraced with 10,000 gals. of lease crude, 15,000# of sand and 1000# of adomite. Breakdown pressure was 4200# back to 3500#, maximum treating pressure was 4600# and minimum treating pressure 4000#, injection rate was 10.6 barrels per minute. Well was swabbed the 29 & 30th and only recovered 100 barrels of load, frac, and flush oil. On January 15, 1957, we retreated this section with 500 gals MCA. On the 16th & 17th, the well was swabbed completely dry and the MCA and the 15 bbls. of flush oil recovered.

On 1-20-57, we set a bridging plug @ 3734' and perforated from 3692'-3722' using 2 shots per foot. We then ran 2 1/2" tubing with packer set @ 3666' and prepared to sandfrac. We used 10,000 gals. lease crude, 10,000# sand and 1000# of adomite. Breakdown pressure was 2500#, maximum treating pressure was 2950# and minimum was 2800#, injection rate was 10.7 BPM - overflushed with 43 bbls. On 21st, 2 1/2" tubing pulled and 2" tubing run. Well swabbed. Well started flowing a small amount. The 23rd. well was swabbed and has flowed daily ever since. On January 30th, all load, frac and flush oil had been returned and well tested 70 BOPD.