

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Western Development Company P. O. Box 445, Artesia, New Mexico
(Address)

LEASE Lea State WELL NO. 1 UNIT E S 32 T 20 S R 34 E
DATE WORK PERFORMED Note below POOL Wildcat

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☒ Plugging ☒ Confirming telephone call of Nov. 18, 1957 ☒ Other Results of Drilling Deeper

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

Oct. 19, 1957 At Cleaned out depth of 394' ran 8 5/8" csg. and continued cleaning out operations ahead of 8 5/8" csg. and added csg. as needed due to caving of Red Bed formation.
Nov. 3, 1957 At cleaned out depth of 1232' we landed the 8 5/8" csg. for a complete shut off caving hole, there was no water encountered in the hole during this clean out interval. Continued cleaning out and drilling out cement plugs to T. D. 3621'.
Nov. 9, 1957 At cleaned out T. D. of 3621' tested for water (Bailed 2 1/2 bailers sulphur water per hr. - 75 gallons) Started drilling ahead.
Nov. 10, 1957 At T. D. 3675' had 1800' of sulphur water in hole.
Nov. 12, 1957 At T. D. 3697' in sdy. lime we ran 3697' of 7" O.D. csg. with Texas pattern shoe to T. D. and mudded same with 2 sacks of aquagel for water shut off, Bailed hole dry and remained dry for 1 hr. test. water shut was complete. Drilled ahead.

CONTINUATION ATTACHED

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 Barthelme
Title _____
Date _____

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

Name P. C. Sanchez
Position Dist. Supt.
Company Western Development Company

P. O. Box 445, Artesia, N. M.

Continuation of Form C-103 Dated Oct. 19 - No. 28, 1957
Western Development Company, Artesia, New Mexico

November 14, 1957 At 3720' to 3728' in porous sdy. lime encountered salt water which rose 3000' in hole in 12 hrs. Drilled ahead to T. D. 3780'.

November 18, 1957 Pulled 3780' of 7" O.D. csg. prep. to run 2" tbg.

November 19, 1957 Ran 2" tbg. to 3775' and displaced water with aquagel (45 sacks / 230 barrels water) Spotted 41 sacks neat cement from 3775' to 3550', spotted 25 sacks neat cement from 3285' to 3210'. Base of Salt at 3240'. Spotted 25 sacks neat cement from 1675' to 1625'. Top of Salt at 1700'. Laid 2" tbg. down and attempted to pull 8 5/8" csg., unable to pull csg.

November 21, 1957 Set bridge of rock and gravel from 1260' to 1240' dumped 2 sacks calseal plug on bridge, pumped 1200 PSI on 8 5/8" csg. Unable to break circulation on csg.

November 26, 1957 Lea County csg. pullers moved in hydraulic jacks.

November 27, 1957 Unable to start 8 5/8" csg. with jacks-- With 225,000#, Shot csg. off at 948' below surface and pulled 948'. All plugs pumped by Denton Oil Well Cementing Company

November 28, 1957 Set 10 sacks neat cement plug in base of 13 3/8" surface csg. (60' to 70') and 10 sacks cement plug in top of 13 3/8" csg. and bottom of cellar with regulation dry hole marker, Slush pit and cellar has been filled and this location is now ready for your inspection.

Information of the...
Western Development...

November 18, 1957...
water which...

November 18, 1957...
... 8" dbg.

November 18, 1957...
... 100' dbg. down the...

November 23, 1957...
... of...

November 23, 1957...
... 100' dbg.

November 23, 1957...
... 100' dbg.

November 23, 1957...
... 100' dbg.