

14
1-23-79

DRILLING REPORT

State Lease # OG 181

Yates Petroleum Corp. - Lucas Store "JZ" State Com #1 23-17S-28E Eddy Co. NM

- 11-16-78 - Location: 1980' FNL & 860' FWL of Section 23-17S-28E. Eddy County, New Mexico. Elevation: 3693' GR, 3709' KB. Drilling Contractor - Capitan Drilling Company - rig 14. PTD - Morrow Test 10900' . Location complete. Prep to move in rotary tools.
- 11-17-78 - Prep to move in rotary tools.
- 11-18-20-78 - MIRU, repairing rig. Prep to spud today.
- 11-21-78 - Drilling 132'. Spudded a 17½" hole at 11:00 PM 11-20-78. Lost circulation at 50'. Drilling without returns.
- 11-22-78 - TD 445'. Prep to run 13-3/8" casing.
NOTICE: - ALL INFORMATION ON THIS WELL IS CONFIDENTIAL UNTIL JANUARY 17, 1979. THERE IS UNLEASED ACREAGE OFFSETTING THE WELL WHICH WILL BE SOLD JANUARY 16, 1979. LEASE PRICES ARE ALREADY \$1750.00 PER ACRE OFFSETTING THE WELL.
- 11-23-78 - Drilling 515'. Ran 11 joints of 13-3/8" 48# K-55 (414') of casing set at 414'. 1-Guide shoe at 414' and insert float at 382'. Cemented w/375 sx Class C 4% CaCl. Slurry wt. 14.8, 1.32 cu ft/sx. Compressive Strength at 70 deg, 1023 psi in 12 hours. PD at 1:30 PM 11-22-78. Cement did not circulate. WOC and filled hole w/5 yards of Ready-mix. WOC 12 hours, backed off reduced hole to 12¼", drilled plug and tested to 600#. OK. Resumed drilling.
- 11-24-78 - Drilling 1010', dev 950' 1 deg.
- 11-25-78 - Drilling 1574'. Dev. 1454' 1 deg.
- 11-26-78 - Drilling 1796'. Dev. 1786' 1/2 deg.
- 11-27-78 - Drilling 2080'. Dev. 1931' 2 deg. MC \$500, DC \$26250, TC \$63381.
- 11-28-78 - Drilling 2240'. Dev. 2170' 1 deg.
- 11-29-78 - TD 2250'. Ran 55 joints of 8-5/8" 24# K-55 (2256') of casing set at 2250', 1-guide shoe at 2250', insert float at 2216'. 1-centralizer at 2216, centralizers and baskets at 1750, 945 and 745'. Cemented w/850 sacks Howco-Lite 6#/sx gilsonite, 1/4#/sx flocele 2% CaCl followed w/200 sx Class C 2% CaCl. PD 3:00 PM 11-28-78. Cement circulated 20 sacks to surface. WOC 18 hours, NU, pressure tested to 1500#, reduced hole to 7-7/8", drilled plug, tested to 600# OK. Will resumedrilling (1050 sx).
- 11-30-78 - Drilling 2465' lime and dolomite. MC 5549, DC \$54533 (3da), TC \$117914.

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D. E. C.
ARTESIA, OFFICE

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