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DRILLING REPORT

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State Lease # B-8617

O. C. C.
ARTESIA, OFFICE

S. P. Yates Spurck "F" State #5 16-17S-28E Eddy County, NM

- 3-20-76 - TD 3320'. Bit locked and twisted tubing off of DC's. SD.
- 3-21-76 - TD 3320'. Pulled tubing. Waiting on fishing socket. Ran fishing socket and caught fish. Tripped in w/tubing and DC's, put on new 6¼" bit (Serial # 6481-88) RIH and started drilling at 2:30 PM 3-20-76. Drilled 3320'-3443'.
- 3-22-76 - Drilling 3610'.
- 3-23-76 - TD 3610'. When COH to log, twisted tubing off, fished for same and caught fish. Pulled tubing and DC's out of hole to start logging.
- 3-24-76 - TD 3610'. Finished logging. Laid down tubing & drill collars. Moved in 4½" casing & racked same. SD WOO.
- 3-25-76 - TD 3610'. WOO.
- 3-26-76 - TD 3610'. Testing. DST #1 3057-3198' - TO 20", SI 60" TO 60", SI 160". Ope w/good blow, off bottom of bucket in 1½", good blow steady wuntil SI. Reop w/strong blow, slowly decreasing to 4" in water in 60". NGTS. Released packer. POOH 3 stands and SDON. This morning POH 2 joints, packer free. SD on account of high winds.
- 3-27-76 - TD 3610'. Finished DST #1 3057-3198'. Recovered 2286' of water. Sampler - 0 psi, 2500 cc water. Pressures: - HP 1325-1325; IFP 221-441'; ISIP 1215; FFP 504-872; FSIP 1219.
- 3-28-76 - TD 3610'. DST #2 Straddle Packer 2891-3060'. Op w/weak blow reop w/weak blow, increasing to fair blow. Recovered: 385' of water. Sampler: - 9 psi, 2500 cc water. Pressures: HP 1262-1198; IFP 42-63; ISIP 1103; FFP 74-210; FSIP 1135.
- 3-29-76 - TD 3610'. Prep to run production casing.
- 3-30-76 - TD 3610'; PBTD 3575' by Wireline. Ran 110 joints of 4½" 10.5# H-40 (3608') of casing, 1-Guide shoe and insert float at 3587'. 10 centralizers. Cemented w/150 sacks of Class "C" 2% CaCl. PD 1:30 PM 3-29-76. WOC and tested to 1500# OK. Ran Temperature Survey and found top of cement at 1600'. PBTD 3575' by wireline. Will run tubing back in hole and move off unit.
- 3-31-76 - TD 3610'; PBTD 3575' by wireline. Ran 2-3/8" tubing in hole (114 jts) and released rig.
- 4-1-76 - TD 3610'; PBTD 3575' by wireline. WOCU.
- 4-2-76 - TD 3610'; PBTD 3575' by wireline. WOCU.
- 4-3-9-76 - TD 3610'; PBTD 3575'. - by wireline. WOCU.
- 4-10-15-76 - TD 3610'; PBTD 3575' by wireline. WOCU.
- 4-16-23-76 - TD 3610'; PBTD 3575' by wireline. WOCU.
- 4-24-30-76 - TD 3610'; PBTD 3575' by wireline. WOCU.
- 4-28-76 - TD 3610'; PBTD 3575'. By Wireline. MICU. Spotted 2 bbls 15% acid. POOH w/tubing. RU Vann Tool Co. Ran GR Correlation logs Perforated w/2 shots each foot at 3454-3481, 3519, 3535, 3553. (10 holes .45" dia. SION.
- 4-29-76 - RU Dowell. Attempted to pump in formation. Would not break dn. PU tubing, Baker Tension packer and RIH. Spotted 2 bbls acid across perforations. Set packer. BD at 2100#. Pumped approx. 800 gals 15% HCL w/balls. Saw ball action on 6 balls. SD ISIP 2300#. Fraced well w/100000 gals gelled water, 21 BPM at 1800#. ISIP 1200 psi, 1100# in 15". SION.
- 4-30-76 - Bled back well 2 hours. RIH w/2-3/8" tbg and 3/4 rods and pump. Waiting on pump jack.
- 5-1-76 - WO pump jack.
- 5-2-76 - Started pumping 5-1-76. At 1:00 PM.
- 5-3-76 - No report.
- 5-4-76 - Pumping back load water. No report on volume.
- 5-5-7-76 - TD 3610'; PBTD 3575'. Pumping back load water.