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DRILLING REPORT

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State Lease # B-8617

G. P. E.
ARTIFICIAL LIFTING

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

- 5-8-10-76 - TD 3610'; PBTD 3575'. Pumping back load, possible formation water.
- 5-11-14-76 - TD 3610'; PBTD 3575'. Pumping back load.
- 5-15-21-76 - TD 3610'; PBTD 3575'. Pumping back load.
- 5-22-28-76 - TD 3610'; PBTD 3575'. Pumping back load.
- 5-29/6-4-76 - TD 3610'; PBTD 3575'. Pumping back load.
- 6-5-11-76 - TD 3610'; PBTD 3575'. Pumping back load.
- 6-12-76 - TD 3610'; PBTD 3575'. Pumping back load.
- 6-13-76 - TD 3610'; PBTD 3575'. Pumping back load.
- 6-14-76 - TD 3610'; PBTD 3575'. FL 14 joints from surface. Had casing side unload a small amount of water w/trace of oil.
- 6-15-76 - Lengthen the pump stroke, now pumping 115 BS/Da. w/show of gas and water on casing for a week and half.
- 6-16-76 - TD 3610'; PBTD 3575'. Pumping back load water.
- 6-17-76 - TD 3610'; PBTD 3575'. Had gas to unload again. Approx. 1/4 bbl oil. Continue to pump load back.
- 6-18-25-76 - TD 3610'; PBTD 3575'. Recovering load.
- 6-26-7-2-76 - TD 3610'; PBTD 3575'. Recovering load.
- 7-3-7-9-76 - TD 3610'; PBTD 3575'. Recovering load.
- 7-10-16-76 - TD 3610'; PBTD 3575'. Recovering load.
- 7-16-23-76 - TD 3610'; PBTD 3575'. Recovering load.
- 7-24-30-76 - TD 3610'; PBTD 3575'. Recovering load.
- 7-30-8-6-76 - TD 3610'; PBTD 3575'. Recovering load.
- 8-7-13-76 - TD 3610'; PBTD 3575'. Recovering load.
- 8-14-76-20-76 TD 3610'; PBTD 3575'. Recovering load.
- 8-21/27-76 - TD 3610'; PBTD 3575'. Recovering load.
- 8-28-9-3-76 - TD 3610'; PBTD 3575'. Recovering load.
- 8-10-76 - TD 3610'; PBTD 3575'. Moved in Pulling Unit to pull rods, 139-3/4", 1-6' sub, 1-4' sub and pump to check water entry. Circulated down 1 joint tubing - frac sand. Pulled 11 jts of 2-3/8" 8R tubing. Ran RBP and set at 3494', set SN 1 jt above the RBP. RIH w/rods and 20' Double Displacement pump, 137-3/4" rods, 2-6' sub, 1-4' sub and 1-2' sub. / Returned to pump. Recovered load water, well pumping approximately 110 BWPD and flowing intermittently through casing a small show of oil and gas.
- 9-22-76 - Rigged up Chase Pulling Unit. POOH w/rods and pump. Packer set at 3500'. Pumped in, zones communicated from 3500' up. Reset packer at 3320', pumped water in all zones at 7 BPM at 250#. ISIP - well went on vacuum
- 9-23-76 - POOH w/tubing and packer. RIH w/Halliburton RTTS tubing. Set packer at 3226' and squeezed all perforations w/100 sacks of Class "C" 4% gel followed by 100 sacks of Class "C" 2% CaCl. Staged 7 times. Squeezed to 3000 psi. Bled off pressure. Squeeze holding. Reversed out a trace of cement. Picked up packer and reset at approx. 3100'. Pressured up to 1500# and SION. Prep to drill out in 48 hours then re-perforate at approx 3478-3484' w/2 shots /ft.
- 9-24-76 - Shut in WOC.
- 9-25-76 - Prep to perf. this AM. Yesterday POOH w/tubing & packer. RIH w/tubing & drag bit. Drill out cement to TD 3504'. Very hard cement across perfs 3454-3481.
- 9-26-76 - SI. RU Vann Tool Co. Ran GR tie-in 3504 to 700'. Perforated 3478-3484' w/12 shots. RIH w/tubing and packer. Set packer 3460'. Swab tubing dry. Perfs not open.
- 9-27-76 - SI on Sunday.
- 9-28-76 - No pressure on tubing this AM. Yesterday lowered tubing & packer to 3480'. Spotted 1 bbl acid. Raised packer to 3460' & reset. Broke down 1650 psi. Pumped in 500 gallons HCL @ 1 BPM @ 1500# to 2.4 BPM @ 1850#.