

TIGHT HOLE

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McClellan Oil Corporation
Shell 15 Fed. Com. #1
Sec. 15-T15S-R29E
660' FNL & 660' FWL
Chaves County

JAN 07 '88

O. C. D.
ARTESIA, OFFICE

- 10/24/87: Move in WEK Rig #2.
- 10/25/87: Rig up. Nipple up BOP's. Pick up 7-7/8" mill tooth bit and collars.
- 10/26/87: Cleaning out 8-5/8" casing. Drilling on CIBP at 2030' with fresh water.
- 10/27/87: Drilling on plug at 5400'. Drilled through 2 CIBP's (2030' & 2450') with slight oil & gas show. Good oil show below plug at 2450' with some formation water. Drilled through casing shoe at 4000'. Tripped for bit #2 & #3. Pulled bit #2 after 2 hours. Bit was out of gauge.
- 10/28/87: Cleaned hole out to 8000'. MW - 9.2, Vis - 60, WL - 30.
- 10/29/87: TD at 10,100'. Drilled cement plug from 8400' - 8650' with good show of oil & gas underneath plug. Circulating to condition mud for logs.
- 10/30/87: Logged from 4000' - 10,100'. Prep to run 5½" casing.
- 10/31/87: Ran 262 joints of 5½" 17 & 20 lb casing to 10108'. D.V. tool at 8930'. Circulated hole for 1½ hours. Mixed cement using Halliburton. 1st stage: 350 sx Class H .6% Hallad-22A, .4% CFR-3, 5 lb KCL. Bumped plug at 0500 & opened D.V. tool. Circulated 30-40 sx to pit. Circulated 5 hours.
- 11/1/87: 2nd stage: Mixed 650 sx Class H .6% Hallad 22A, .4% CFR-3, 5 lb KCL. Pumped plug & closed D.V. tool at 11:00 am. Set slips & made cut off. Total weight on head - 140,000. Released rig. Dressed off head & put tubing head on well.
- 11/9/87: Rigged up Vestal's Well Service. Picked up tubing, drill collars & 4-5/8" bit. Tagged DV tool. Will drill out in a.m. Note: 6 hours redressing wellhead before rig up.
- 11/10/87: Drilled out DV tool. Tested to 1800 psi. Cleaned out to 10,060'. Circulated hole with 2% KCL water. POH with drilling equipment. Ran cement bond log. Estimated TOC at 6950'.
- 11/11/87: Rigged up Vann System. Ran in hole. Correlated with CRC wireline. Set packer at 9853.97'. Perfed 9888,89,90,91 with 4 JSPF, 16 holes total. No show after perf. Ran 1 swab with no fluid entry. Left open overnight on ½" choke.
- 11/12/87: Small blow of gas that would burn this am. Ran 1 swab with 100' of fluid in hole. Rigged up isolation tool. Acidized with 750 gals. 10% Morrow Flo acid with 5 gals. SGA-HT gelling agent. Breakdown at 4700 psi. Average rate - 1 BPM, average psi - 5000. Maximum rate 1.8 BPM at 5080 psi. ISIP - 4650, 5 minutes - 4290, 10 minutes - 4210, 15 minutes - 4090. Swabbed back acid load with slight gas show. Swabbed dry. Recovered 75% of acid load. Shut in overnight.
- 11/13/87: SITP - 150 psi. Fluid level - 600' from seat nipple. Fluid was spent acid and drilling mud. Shut down for weekend.
- 11/14/87: SITP - 600 psi.
- 11/16/87: SITP - 1300 psi. Blew down in 30 minutes. Unloaded some fluid. Pumped 40 bbls 2% KCL water down tubing. Unset packer and pulled tools and tubing. Ran CIBP to 9870'. Dumped 30' cement on plug. Shut down. Note: perforating guns came off of tubing release when pulled. Guns are on bottom under CIBP.
- 11/17/87: Rigged up Vann System. Ran tubing & guns in hole. Perfed 9765' to 9788' with 4 JSPF, 56 holes total with tubing dry. Gas to surface in 2 minutes, flowed gas approximately 10 minutes and well died. Ran swab with no fluid entry. Shut in.