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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or appropriate the United States any false, fictitious or fraudulent statements or representations as to any make within its jurisdiction.

*See Instructions on Reverse Side

3160-5 NEBU #477 Continued - Page 2

9-04-89 Washed 5 jts down to open hole TD and found 1' of fill. Circulated hole with air and water; circulated hole clean. Well making a small gas flare.

Shut in well and pressured up to 900 psig with air. Blew well down through a 3/4" choke line to casing pressure to 600 psig then opened blooie lines to surge well. TIH and found 4' of fill. Circulate well clean with air. Repeated above surge procedure. After blowing down found no fill.

Repeated surge procedure again. After blowing well down found 8' of fill. Shut well in for pressure build up: after 1 hour - 114 psig; 2 hours - 220 psig; 3 hours - 325 psig; 4 hours -340 psig; 4 hours - 380 psig. Blew well down and TIH, no fill.

9-05-89 Blew hole with air and unloaded approximately 10 Bbls of water. No coal fines in returns. Pressure drillpipe up to 1000 psig, surged well; no fill. Repeated, no fill.

Pressured drillpipe up to 1000 psig then pumped 24 Bbls of water, drillpipe capacity, then surged well; no fill. Repeated, 1' of fill. Surged well again - 1' of fill. Pumped 6 Bbl sweeps of water to clean hole, some coal in return. Surged well again. Surged well a total of 9 times. Slight increase in gas flare size.

- 9-06-89 Pressure drillpipe to 1000# with air. Surge well no fill. Blow well dry with air. Gauge well: 10:10 close blooie line, open 2" line, 1 oz. pressure (158 MCFD); 10:30 1/2 oz. on 2" (112 MCFD); 10:45 1/2 oz. on 2" (112 MCFD), close 2" and open 1" line, 1 oz. on 1"; 11:00 1 oz. on 1" (40 MCFD); 11:15 1 oz. on 1"; 11:30 1 oz.; 11:45 1 oz.; 12:00 1 oz.; 12:15 1 oz. (40 MCFD). TIH to bottom, blow dry with air. POOH laying down drillpipe. Pick up notched collar, 1 jt 2-3/8" tubing, Baker 1.81 ID F nipple, and 102 more jts 2-3/8" tubing. Tag bottom at 3200'. Blow well dry with air. Land tubing at 3109.86' KB. Nipple down BOP equipment. Nipple up wellhead. Rig down to prepare to move.
- 10-01-89 Rigged up swabbing unit. Swab summary: Made 76-1/4 Bbls of water in 14 swab runs. Well flow for 45 minutes produced 17 Bbls of water, between swab runs #7 and #8. Based on last 3 swab runs, well making an estimated 72 BWPD, gas TSTM. Shut in well for the night.

3160-5 NEBU #477 Continued - Page 3

- 10-02-89 SICP = 870 psig, SITP = 682 psig. Made 14 runs and 65 Bbls of water. Well flowed for 42 minutes and produced 10 Bbls of water between swab runs #6 and #7. Last swab run fluid level at 2500'. Final casing pressure 389 psig. Based on last 3 swab runs, well would produce an estimated 72 to 96 BWPD.
- 10-03-89 Rigged up Rig, 10-02-89. SITP = 1000 psig. SICP = 600 psig. Nipple down wellhead. Nipple up BOP.

Pumped 24 Bbls of water to load hole. Circulated out gas-cut water for 45 minutes. RIH with 4 jts. Circulated out 5' of fill. Tubing plugged on bottom with coal. TOOH with 2-3/8", J-55, 4.7 #/ft tubing, tally. Clean out depth at 3200'. Leave casing open through 1/2" choke overnight.

10-04-89 TIH with tubing purge valve (.64'), 1 jt of 2-3/8" tubing (31.13'), 2-3/8" perforated sub (3.65') seating nipple (1.10', 1.780" ID), and 97 jts (3026.64') of 2-3/8", J-55, 4.7 #/ft new tubing. Summary: total of 98 jts of tubing in well. Tubing purge valve landed at 3078' KB, perforated interval from 3046' to 3043', seating nipple at 3042'.

Nippled down BOP, nippled up wellhead. RIH with 2" x 1-1/2" x 18' RWAC-EQ top hold down insert pump and 120 3/4" Class C Trico rods. Space out pump with 6' and 8' pony rods. Spot rental Lufkin 320 Roadrunner pumping unit with 100" stroke. Pressure test tubing to 500 psig held OK. Released rig on 10-4-89.