

12/3/97

**SHEEP DRAW '28' FED #13**

08/16/97 Days- 45; Depth- 4950; RIH W/PACKER & TBG; Brushy Canyon; Open up well RU Black Warrior RIH to 4905'. RU Jim's Water Service. Pressure up on csg to 1000# ran cement bond load from 4905' to 1500'. POOH w/wire line. PU & ran hole w/4" perforating gun. Perf csg @ 4470'-4480' 10' w/6 holes, 4584'-4590' (6' w/4 holes), 4594'-4597' (3' w/2 hole), 4600'-4604' (4' w/3 holes), 4622'-4626' (4' w/3 holes), 4674'-4678' (4' w/3 holes), 4696'-4702' (6' w/4 holes), 4753'-4755' (2' w/2 holes), 4758'-4764' (6' w/4 holes), 4767'-4772' (5' w/3 holes), 4864'-4868' (4' w/3 holes), 4870'-4874' (4' w/3 holes), 4877'-4879' (2' w/3 holes) total of 63' w/42 holes. RD Jim's Water Service, RD Black Warrior. RIH w/model G packer (5 1/2 x 2 7/8) & tbg to 4879.46 SIW & SDON.  
TDC-\$ 5009 CWC-\$ 396,782 CMIC- GS

08/17/97 Days- 46; Depth- 4950'; SWABBING; Brushy Canyon; RU BJ Services. Broke circulation. Spot acid (500 gals 7 1/2%) over perfs 4470'-4879'. POOH w/18 jts tbg to 4317'. Pumped 5 bbls fresh water w/2% KCL. Set packer @ 4317'. Pressure up on csg to 1000#. Test lines to 6200#. Pumped 3,000 gals NEFE w/iron control & inhibitor. Drop 120 ball sealers. Perfs broke down @ 1800#. minimum-750 psi, maximum pressure 4870 psi avg pressure 2700 psi @ 5 bbls per min ISIP-810 psi. 5 min-810 psi. 10 min-300 psi. FSIP 790 psi. RD BJ Services. RU to swab well to frac tank. Made 12 swab runs. Recovered 79 bbls. Swab dry. Left open to tank SDON. TLTR 67.  
TDC-\$ 7616 CWC-\$ 404,398 CMIC- GS

08/18/97 Days- 47; Depth- 4905; SWABBING; Brushy Canyon; No fluid to tank overnight. IFL @ 500'. 200' oil on 1st swab run. Made 7 runs, swab dry. Waited 1 hr 400' entry. Waited 1 hr-400' entry, waited 1 hr-400' entry left well open to frac tank overnight. Total runs 10 - recovered 37 bbls. TLTR 30 bbls.  
TDC-\$ 980 CWC-\$ 405,378 CMIC- GS

08/19/97 Days- 48; TD- 4950; PBTD- 4905; SWABBING; Brushy Canyon; Perfs- Delaware 4470'-4879' 63' & 43 holes; Csg- 5 1/2" 15.5J-55@4950'; Tbg- 2 7/8; BOPD- 0; MCF/D- 0; BWPD- 0; IFL, 600'-100' oil swab well dry. Waited 1 hr-FL @ 2800' swab dry. Waited 1 hr-2300-swab dry. Waited 1 hr 3,000 swab dry. Waited 1 hr FL @ 2600 swab dry. Waited 1 hr-FL @ 2600' swab dry. Left well open to tank overnight. Total swab runs 19 - recovered 78 bbls. TLTR -0-  
DWC-\$ 1550 CWC-\$ 406,928 CMIC- GS