

MACK ENERGY CORPORATION

JENKINS B FED. #4

SEC 20 T17S R30E 1650FNL 1650FWL

1st stage w/100 sx 50/50 C-Poz .5% FL25 & 5# salt. Open DV Tool & circ. 33 sx to pit. Cmt. 2nd stage w/ 250 sx 50/50 C-Poz .5% FL25 & 5# salt. Tied back in to 7" csg.

01/21/97 RU RIH w/3 3/4" tooth bit , 6-3 1/8" DC on workstring.

01/22/97 Drill out DV tool @ 3993' in 20 min. RIH & tag bottom @ 4767'. POH & laydown drill collars. RU HLS & run bond & correlation log. TOC @ 1624'. Perforate 4286-4637'.

01/23/97 RIH w/ 4 1/2" RTTS & acidize w/2000 gals 15% NEFE acid. Breakdown @ 2400-2100#. Avg. rate 6.3 bpm Max 6.6 bpm Avg. psi 2180# Max 2700# ISIP 1200#. 5 min. 900# 10 min. 810# 15 min. 750#. Balled off to 5500#. RIH & wash balls. Reset Pkr. & prep to Reacidize formation.

01/24/97 RU BJ & pump big hot acid job. 54,000 gals heated 40# gel, 32,000 gals heated 20% HCL acid, 5000 gals cold 15% HCL & 5000 gals fresh water flush. Block #1 50# 3 balls 41# inc. #2 50# 3 balls 30# inc. #3 50# 3 balls 30# inc. #4 50# 3 balls 30# inc. #5 50# 3 balls 30# inc. #6 50# 3 balls 50# inc. Avg. rate 6bpm Avg. psi 1839# ISIP 1085# 5 min. 1056 10 min. 1027 15 min. 1007#. 5000 gals 15% cold acid Avg. rate 2 bpm Avg. psi 1100# ISIP 1007# 5 min. 1007 10 min. 998 a5 min. 978.

01/27/97 RIH & wash block & balls off bottom. POH & laydown workstring. PU 148 jts. new 2 7/8" J-55 tbg. & land SN @ 4650'. RIH w/2 1/2x2x20' PAP HVR pump, 128 7/8" used rods & 58 1" used rods. Waiting on pump Jack.