

BETTIS BOYLE AND STOVAL  
BIG EDDY UNIT #114  
Eddy County, New Mexico

DST NO. 1 FROM 4110' - 4150' (40') Cherry Canyon  
FIELD RESULTS

First Flow: Opened for 15 minutes, no blow, checked lines all open.  
First Shut-in: 30 minutes.  
Second flow: Opened for 30 minutes; approximately 20 minutes into the flow period, found choke manifold frozen, when open, blow from bottom of bucket.  
Second Shut-in: 2 1/2 hours.  
Third flow: 120 minutes: Opened through bubble hose with strong blow, increased to bottom of bucket in 20 minutes. At end bottom of bucket with 1/4 psig.  
Third Shut-in: 6 hours.  
Fourth flow: 120 minutes: Through bubble hose, at end 5 ounces on gauge.  
Fourth Shut-in: Approximately 9 hours (to wait for daylight to pull tools.)

SAMPLE CHAMBER RECOVERY

Recovered 2400 cc water with a trace of oil. 120 psig, no gas recorded. Chlorides 101,000 ppm, pit sample 60,000 ppm.

PRESSURES

INITIAL HYDROSTATIC	1887	psig	
INITIAL FLOW PRESSURE	81 - 81	psig	(15 minutes)
FIRST SHUT-IN PERIOD	1483	psig (not broke)	(30 minutes)
SECOND FLOW PERIOD	108 - 163	psig	(30 minutes)
SECOND SHUT-IN PERIOD	1698	psig	(150 minutes)
THIRD FLOW PERIOD	163 - 298	psig	(120 minutes)
THIRD SHUT-IN PERIOD	1725	psig	(360 minutes)
FOURTH FLOW PERIOD	325 - 406	psig	(120 minutes)
FOURTH SHUT-IN PERIOD	1725	psig	(540 minutes)
FINAL HYDROSTATIC	1887	psig	

RECEIVED

APR 11 1950