

Harvey E. Yates Co., Inc.
Fannie Lou Federal No. 1
Eddy County, New Mexico

DST #3 10,562' to 10,685' (123') Tool opened 6:45 a.m. weak blow 30 minutes, closed tool @ 7:15 for 105" ICIP. Reopened tool @ 9:00 a.m. for 60 minute FF. Weak blow steady throughout flow period. Closed tool @ 10:00 a.m. Pulled pkrs. free @ 2:00 p.m. After 4 hr. FCIP. POH. Recovered 470' drilling mud.

BHS	80 psi
	2300 cc mud
	No gas or oil
BHT	172° F. @ 10,681'
IHP	5538
30 min. IF	107
FF	172
105 min. ICIP	515
60 min. IFP	257
FF	300
240 min. FCIP	515
FHP	5538

DST #4 10,828' to 11,015' (127') Tool opened @ 12:30 p.m.; opened 1/2 hr. w/weak blow increasing to fair blow. Shut in 1 hr; reopened for 1/2 hr. w/weak blow decreasing to zero. SI 2 hr.; POH; recovered 465' drilling mud; no show oil or gas.

BHS	zero
	2350 cc mud
BHT	174° F. @ 11,011'
IHP & FHP	5748
30 min. IF	240
FF	262
60 min. 1st CIP	393
30 min. 2nd IF	262
FF	305
120 min. 2nd CIP	349

DST #5 11,305' to 11,470' (165') Tool opened @ 2:45 p.m. with weak blow throughout 30 min. preflow. Closed tool @ 3:15 for 90 CIP, reopened tool @ 4:45 p.m. w/weak blow throughout 60 min. second flow period. Closed tool @ 5:45 p.m. for 180 min. CIP. Pulled pkrs. free @ 8:45 p.m. and Pulled test tool out of hole. Recovered 365' drilling fluid. No shows.

BHS	100 psi
Drilling fluid	800 cc
No gas or oil	
BHT	175° F. @ 11,467'
IHP & FHP	5954
30 min. IFP	193
FF	215
90 min. CIP	386
60 min. 2nd IFP	258
FF	322
	180 min. CIP