

Attachment for Cities Service Oil and Gas Corporation's #1 State DW,
J-12-18-33, Lea County, New Mexico

DST #1 8668 - 8753 (85') Bone Springs Dolomite, No W. C. Tool opened for 75 min., Tool opened w/weak blow for 15 min. I.F., closed tool for 60 min. ISIP, reopened tool for 60 min. F.F. w/fair blow increasing to 4.2 psi on 0.25" choke in 40 min. GTS in 40 min. w/lazy 4' flare out of 2" pipe. Max surf. press. 4.5 psi in 60 min. Closed tool for 120 min. FSIP. Recovered 554' gas cut mud and 400' oil and gas cut mud. Sample chamber @ 8635' contained 300 cc oil, 800 cc oil and gas cut mud, 200 cc water and 1.6 cfg @ 250 psig.

	1st Recorder	2nd Recorder
IFT	15 min.	15 min.
ISIT	60 min.	60 min.
IHP	4080	4102
ISIP	3415	3412
IFP	146 - 306	135 - 296
FFT	60 min.	60 min.
FFP	277 - 352	271 - 352
FSIP	3415	3412
FHP	4080	4083
FSIT	120 min.	120 min.
BH Temp.	134°	
BH Choke	0.9375"	

DST #2 8810 - 8905 Bone Springs Dolomite, No W. C. Tool opened for 113 min., Tool opened w/strong blow, G.T.S. in 5 min. on 0.25" choke. 30 psi in 10 min. S.I. for ISIP. Reopened for F.F. Surface flowing press. built up to 520 psi on 0.25" choke in 75 min. Oil to surface in 57 min. ARO 10 BO/hr. Gas rate of 240 MCFPD. No water to surface. Attempted to close tool for FSIP. Could not close tool.

	1st Recorder	2nd Recorder
IFT	10 min.	10 min.
ISIT	60 min.	60 min.
IHP	4241	4259
ISIP	3510	3484
IFP	460 - 637	418 - 640
FFT	-	-
FFP	749 - 3500	730 - 3476
FSIP	-	-
FHP	4241	4259
FSIT	160 min.	160 min.
BH Temp.	134°	
BH Choke	0.9375"	