

Cities EXHIBIT NO. 2

● INDICATES PROD. ZONE IN THE AREA

CASE NO. 8654

Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON-
LITHO DENSITY

COMPANY Cities Service

WELL Federal "AA" #1

FIELD Wildcat

COUNTY Lea STATE New Mexico

990 #NL & 1980 FFL

Other Services:
DIT/MSL
BHC/NGT

API SERIAL NO SEC TWP RANGE
9 18S 33E

Perforation Datum: GL, Elev.: 3966
Log Measured From: KB, Ft. Above Perm. Datum
Casing Measured From: KB, G.L. 3966

Date	December 26, 1984						
Job No.	Two						
Depth - Driller	13825						
Depth - Logger	13795						
Log Interval	13792						
Log Interval	5087						
Casing Driller	9 7/8 @ 5100		@	@	@		
Casing Logger	5.387						
Casing Size	7 7/8						
Fluid in Hole	Salt Gell/Starch						
Dens.	Visc.	9.9	38				
Fluid Loss	8.5	7.2 ml	ml	ml	ml		
Temperature of Sample	pit						
Temperature @ Meas. Temp.	124.8	@ 78 F	@	@	@	@	@
Temperature @ Meas. Temp.	103.6	@ 76 F	@	@	@	@	@
Temperature @ Meas. Temp.	-	@ - F	@	@	@	@	@
Temperature Rmf Rmc	M						
Temperature @ BHT	102.3	@ 185 F	@	@	@	@	@
Circulation Stopped	0500 - 12/26						
Logger on Bottom	1200 - 12/26						
Return Temp	170 F		F	F	F	F	F
Location	835 N. 11th St.						
Job By	Raymond S. Lovelace						

The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE						
Service Order No.	439724						
Program Tape No.	26.2						
Fluid Level	4.11						
EQUIPMENT DATA							
Woolie	316						
Geometry Cart	884						
Dens. Cart	800						
Dens. Skid	1750						
Dens. Sonde	1474						
Dens. Source	6472						
Dens. Calibrator							

REMARKS: