



CARDINAL SURVEYS COMPANY

PUMP-IN TRACER

COMPANY BETTIS, BOYLE & STOVALL

File No. 11,345

WELL CHRISTMAS NO. 1

FIELD JAL MAT

COUNTY LEA STATE NEW MEXICO

LOCATION: SW 1/4 OF NW 1/4

SEC 20 TWP 25-S RGE 37-E

Permanent Datum G.L. Elev. N/A

Log Measured From K.B. 10 Ft. Above Perm. Datum

Drilling Measured From N/A

KB N/A

DF N/A

GL N/A

Date 8-7-92

Depth - Driller N/A

Depth - Plug Back 2940'

Depth - Logger 2834'

Bottom Logged Interval 2834'

Top Logged Interval 800'

Recorded By SCOTT

Witnessed By TAYLOR

Base Location HOBBS, NEW MEXICO

Unit No. 8723

Equip. Operator LUNSFORD

Size Casing	Wgt.	From	To
7"	20 #	SURFACE	3212'

Type of Well DISPOSAL

Status ACTIVE

Type of Fluid WATER

Fluid Level 1270' BASE TEMP

Tubing			
2 3/8"		SURFACE	941'

Injection Rate

Surface Pressure 500 PSI

Surface Temp. 73.3° @ 30'

Bottom Hole Temp. 79.8°

Borehole