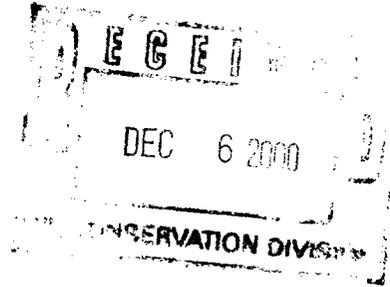




ARCO Permian
PO Box 1089
Eunice NM 88231
Telephone 505 394 1600

Southeast New Mexico Asset Area



December 4, 2000

Oil Conservation Commission
2040 South Pacheco Street
Santa Fe, NM 87505

Re: Annual Survey
State AA-2 #1 SWD 661
Eddy County, NM

Gentlemen:

Enclosed please find a copy of the annual survey that SWD Order #661 requires. This survey was run on 09/19/00. Results of the survey are noted in the comment section of the log.

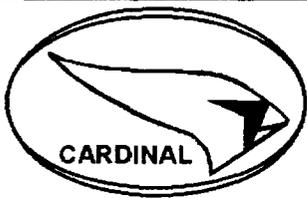
Should you require additional assistance, please contact Barry Price at (055) 394-1648 for clarification.

Sincerely,

Kellie D. Murrish
Sr. Administrative Assistant

\kdm

XC: Central Files



INJECTION PROFILE

CARDINAL SURVEYS COMPANY

Company ARCO Permian
 Well State AA-2 No. 1
 Field Livingston Ridge
 County Eddy
 State New Mexico

Company **ARCO PERMIAN**
 Well **STATE AA-2 NO. 1**
 Field **LIVINGSTON RIDGE**
 County **EDDY** State **NEW MEXICO**

Location **660' FNL & 660' FEL
 UNIT LETTER A
 SEC. 2, TWP. 23-S, RGE. 31-E**

File Number
15,454

Permanent Datum	G.L.	Elevation	3442.6'	Elevation	
Log Measured From	K.B.	10.4' Above Perm. Datum		K.B.	3453'
Drilling Measured From	K.B.			D.F.	3452'
				G.L.	3442.6'

Date	9-19-00
Depth Driller	5800'
Plug Back	5750'
Depth Logger	5726'
Bottom Logged Interval	5726'
Top Log Interval	4200'
Recorded By	PAT WARDEN
Witnessed By	
Base Location	HOBBS, NM
Unit No	8724
Equipment Operator	C. SHELTON
Type Of Well	INJECTION
Status	INJECTING
Type Of Fluid	WATER
Fluid Level	FULL
Rate	3500 BPD
Pressure	1500 PSI

Run Number	Borehole Record			Tubing Record			
	Bit	From	To	Size	Weight	From	To
				3 1/2"	IPC	SURFACE	4378'

casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	SURFACE	380'
Intermediate String				
Production String	5 1/2"	15.5#	SURFACE	5800'
Inner				

>>>> End Here <<<<