

COMPANY: Pennzoil Exploration and Production, C

WELL ASAU #164

FIELD Atoka - San Andres Unit

COUNTY Eddy STATE: New Mexico

Platform Express -
Three Detector Density
Compensated Neutron / NGT

COUNTY: Eddy
Field: Atoka - San Andres Unit
Location: 2349' FSL and 187.5 FEL
Well: ASAU # 164
Company: Pennzoil Exploration and Production

LOCATION
2349' FSL and 187.5 FEL
Elev.: K.B. 3309 F
G.L. 3303 F
D.F. 3308 F
Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elev.: 3303 F
6.0 F above Perm. Datum

API Serial No.
30-015-29791
SECTION 11
TOWNSHIP 18S
RANGE 26E

Logging Date	5-October-1997	
Run Number	One	
Depth Driller	1850 F	
Schlumberger Depth	1852 F	
Bottom Log Interval	1852 F	
Top Log Interval	200 F	(u)
Casing Driller Size @ Depth	8.625 IN	(u) 954 F
Casing Schlumberger	955 F	
Bit Size	7.875 IN	
Type Fluid In Hole	Fresh Mud	
Density	8.6 LB/G	28 S
Fluid Loss		12.5
Source Of Sample	Circulation Tank	
RM @ Measured Temperature	0.812 OHMM	(u) 75 DEGF
RMF @ Measured Temperature		(u)
RMC @ Measured Temperature		(u)
Source RMF	RMC	
RM @ MRT	RMF @ MRT	(u) 95
Maximum Recorded Temperatures	95 DEGF	(u)
Circulation Stopped	Time	2115
Logger On Bottom	Time	2345
Unit Number	Location	3015 Roswell NM
Recorded By		Tony DeRubeis

COMPANY: Pennzoil Exploration and Production, C

WELL ASAU #164

FIELD Atoka - San Andres Unit

COUNTY Eddy STATE: New Mexico

Platform Express -
Azimuthal Laterolog / MCFL
NGT Gamma Ray

COUNTY: Eddy
Field: Atoka - San Andres Unit
Location: 2349' FSL and 187.5 FEL
Well: ASAU # 164
Company: Pennzoil Exploration and Production

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API Serial No.
30-015-29791
SECTION 11
TOWNSHIP 18S
RANGE 26E

Logging Date	5-October-1997	
Run Number	One	
Depth Driller	1850 F	
Schlumberger Depth	1852 F	
Bottom Log Interval	1852 F	
Top Log Interval	955 F	
Casing Driller Size @ Depth	8.625 IN	@ 954 F
Casing Schlumberger	955 F	
Bit Size	7.875 IN	
Type Fluid In Hole	Fresh Mud	
Density	8.6 LB/G	28 S
Fluid Loss		12.5
Source Of Sample	Circulation Tank	
RM @ Measured Temperature	0.812 OHMM	@ 75 DEGF
RMF @ Measured Temperature		@
RMC @ Measured Temperature		@
Source RMF	RMC	
RM @ MRT	RMF @ MRT	@ 95
Maximum Recorded Temperatures	95 DEGF	@
Circulation Stopped	Time	2115
Logger On Bottom	Time	2345
Unit Number	Location	3015 Roswell, NM
Recorded By		Tony DeRubeis