



Production
Technology®

FILE NO.	CONFIDENTIAL DO NOT RELEASE	COMPANY	SOUTHERN UNION PRODUCTION CO.
WELL	#1 SHELBY FEDERAL	COUNTY	EDDY
FIELD	WILDCAT	STATE	NEW MEXICO
LOCATION:	2310' FNL & 990' FEL	Other Services	BHC AL GRN
SEC	13	TWP	22-S
RGE	24-E		
Permanent Datum	G.L.	Elev.	3878
Log Measured from	K.D.	KB	3895
Drilling Measured from	K.P.	DF	3893.5
		CL	3878
Date	10-25-72		
Run No.	ONE		
Depth-Driller	10765		
Depth-Logger	10720		
Bottom Logged Interval	10728		
Top Logged Interval	7780		
Casing-Driller	8.578 @ 3507		
Casing-Logger	7.778		
Bit Size	7 7/8		
Type Fluid in Hole	CHEM - GEL		
Density and Viscosity			
pH and Fluid Loss			
Source of Sample			
Rm @ Meas. Temp.	1.1 @ 60 °F		
Rmf @ Meas. Temp.	1.4 @ 60 °F		
Rmc @ Meas. Temp.	1.54 @ 60 °F		
Source of Rmf and Rmc	MEAS		
Rm @ BHT	.37 @ 179 °F		
Time Since Circ.	7 HRS		
Max. Rec. Temp. Deg. F.	179		
Equip. No. and Location	6115 SONORA		
Recorded By	GARRETT		
Witnessed By	MR. BOOTH		

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THIS HEADING AND LOG CONFORMS TO API RECOMMENDED STANDARD PRACTICE RP-31

REMARKS CALIPER RECORDED 21' DEEP. REPEAT SECTION RECORDED 4' DEEP. MISSING CALIPER SECTION TRACED FROM SEPARATE RUN ON 5" ONLY.	Equipment Used				
	Run No.	ONE			
	S. O. No.	50592			
	Tool No.	809 626			
	Elec. No.				
	Panel No.				
	Conv. Set				
Changes in Mud Type or Additional Samples		Scale Changes			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole
Depth-Driller					
Type Fluid in Hole					
Dens.	Visc.				
pH	Fluid Loss				
Source of Sample					
Rm @ Meas. Temp.	@ °F	Run No.	Tool Type	Equipment Data	
Rmf @ Meas. Temp.	@ °F			Pad Type	Tool Position
Rmc @ Meas. Temp.	@ °F				Other
Source Rmf Rmc					
Rm @ BHT	@ °F				
Rmf @ BHT	@ °F				
Rmc @ BHT	@ °F				

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Y-16-75 EXHIBIT NO. 4

CASE NO. 5456