

		ACOUSTIC VELOCITY GAMMA RAY LOG	
FINAL PRINT COMPANY REC'D OIL AND GAS COMPANY			
COMPANY WELL COUNTY FIELD COUNTY COLUMBIA API NO. N/A LOCATION: W 8 1135.70 FEET NORTH AND 2181.19 FEET EAST FROM THE SOUTHWEST CORNER OF: SEC. 18 T1P. 4N R1E. 4E ELEV. K. B. 547.6 D. F. 638.1 C. L. 636.1	STAGE OR OTHER SERVICES D.C. DSN SOL	2-100 WELL LUNGREN CREEK NO. 24-18-84	2-100 ST MIST
PERMANENT DATUM G. L. LOG MEASURED FROM K. B. 11 SFT. ABOVE PERM. DATUM DATE 09/19/89 DEPTH-DRILLER 1810 DEPTH-LOGGER 1808 BTM LOG INTER. 1805 TOP LOG INTER. 455 CASING-DRILLER 8.5/8460 CASING-LOGGER 455	TYPE FLUID IN HOLE POLYMER DENS. FT/SG 1.0 GROUNDWATER 1.0 RMC # MEAS. TEMP 2.9 RMC # MEAS. TEMP 3.0 SOURCE RMC # RMC 1.93 @112 TIME SINCE CIRC. 2.5 HOURS TIME ON BOTTOM 9:20 AM MRY. REC. TEMP. 112 @BHT EQUIP. LOCATION 2890-140LND RECORDED BY B. JOHNSON WITNESSED BY JIM ERSTES	LOGGING-DRILLER 455	LOGGING-LOGGER 455

Fold Here

Service Ticket No.: 12306	API Serial No.: N/A	PGM Version: 1.31 PC
Change in Mud Type or Additional Samples		
Date/Sample No. 09/19/89:ONE	Type Log	RESISTIVITY SCALE CHANGES
Depth-Driller	Depth	Scale Up Hole
Type Fluid	Scale Down Hole	
Dens. : Visc.		
pH. : Fluid Loss		
Source of Sample		
Rm @ Meas. Temp.	e	
Rmf @ Meas. Temp.	e	
Rmc @ Meas. Temp.	e	
Source: Rmf:Rmc		
Rm @ BHT	1.93 @112	
Rmf @ BHT	2.00 @112	
Rmc @ BHT	1.79 @112	

RESISTIVITY EQUIPMENT DATA							
Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other			
ONE	DUAL W109432	N/A	1.5"S.O.	M412			
ONE	SGRD W109932	N/A	1.5"S.O.	M416			

EQUIPMENT DATA							
GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.	ONE	Run No.	ONE	Run No.	ONE
Serial No.	W109501	Serial No.	W112450	Serial No.	W109740	Serial No.	W108749
Model No.	432	Model No.	385	Model No.	465	Model No.	434
Diameter	3 5/8	No. of Cent.	FOUR	Diameter	4 1/2	Diameter	3 5/8
Detector Model No.	N/A	Spacing	1 FOOT	Log Type	GAMMA	Log Type	NEUTRON
Type	SCINT.	Source Type	CS137	Source Type	CS137	Source Type	AM241BE
Length	4 IN.	Serial No.	118	Serial No.	118	Serial No.	66
Distance To Source	N/A	Strength	1.5 CU.	Strength	19.5 CU.	Strength	19.5 CU.

LOGGING DATA													
GENERAL			GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run No.	Depth	Speed	Scale	Scale	L	R	Matrix	L	R	Matrix	L	R	
ONE	1808	456	30	0	50	150	50	57	1.65	2.65	2.65	60PU	
												0PU SAND	

Remarks: REPEAT RUN OVER INTERVAL FROM 1400 TO 1200 AT REQUEST OF COMPANY MAN.

CREW ON LOCATION: J. JOHNSON, R. JEFFERY
 THANK YOU FOR USING HALLIBURTON LOGGING SERVICES!

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