EXPLORATION LOGGING

A DIVISION OF SCHLUMBERGER OFFSHORE SERVICES

WITNESSED

[illegible]

ENGINEER

[illegible]

CASING RECORDS

30"	0	1,000
20"	0	3,000
13 3/8"	0	9,000
9 5/8"	0	12,000

ABBREVIATIONS

1 - BIT SIZE		7 - BIT TYPE	
2 - BIT TYPE		8 - MUD WEIGHT	
3 - MUD WEIGHT		9 - MUD VISCOSITY	
4 - MUD VISCOSITY		10 - MUD PH	
5 - MUD PH		11 - FLUID LOSS	
6 - FLUID LOSS		12 - MUD RESISTIVITY	
7 - MUD RESISTIVITY		13 - MUD TEMPERATURE	
8 - MUD TEMPERATURE		14 - DEPTH	
9 - DEPTH		15 - DRILLING RATE	
10 - DRILLING RATE		16 - GAS UNITS	
11 - GAS UNITS		17 - CHLORIDES	
12 - CHLORIDES		18 - CALCIUM	
13 - CALCIUM		19 - SULFATE	
14 - SULFATE		20 - CARBONATE	
15 - CARBONATE		21 - BICARBONATE	
16 - BICARBONATE		22 - HARDNESS	
17 - HARDNESS		23 - SALINITY	
18 - SALINITY		24 - CATIONS	
19 - CATIONS		25 - ANIONS	
20 - ANIONS			

COMPANY TEXAS PACIFIC OIL CO., INC.
WELL U. MORGAN #1
FIELD WILDCAT
LOCATION SECTION 38-T2N-R2E
COUNTY CLAY **STATE** [illegible]
ELEVATION [illegible]
DATE [illegible]
DATE [illegible]
DATE [illegible]
LOGGING ENGINEER [illegible]

CONTACT PERSON [illegible]
PHONE [illegible]
FAX [illegible]
ADDRESS [illegible]

LITHOLOGY SYMBOLS

[illegible]

DRILLING RATE

[illegible]

ESTIMATED DATE

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

REMARKS AND CHANGES DATE

[illegible]

[illegible]