FOUR — ARM HIGH RESOLUTION CONTINUOUS DIPMETER (COMPUTED)

Schlumberger

COMPANY	Amoco Production Company
WELL	Stage Line 1-A
FIELD	Wildcat
COUNTY	White Pine
STATE	Nevada
LOCATION	400' FSL, 1750' FWL
Sec.	22
Twp.	23N
Rge.	56E
Other Services	DLT/MSFL, VSP; L.S. Sonic; LDT/CNL/NGT
Permanent Datum	GL, Elev. 5882
Log Measured From	KB, 20 Ft. Above Perm. Datum
Drilling Measured From	KB
Elev.: K.B.	6002
D.F.	6001
G.L.	5882

Date	5-23-85	
Run No.	Two	
Depth—Driller	8500	
Depth—Logger	8500	(4X2X40X2)
Btm. Log Interval	8495	
Top Log Interval	6008	
Casing—Driller	9-5/8 @ 3000	7 @ 5993
Casing—Logger	3000	6008
Bit Size	9-5/8	6-1/8
Type Fluid in Hole	LSND	
Dens. / Visc.	8.6 / 42.0	
pH / Fluid Loss	9.5 / 9.6 ml	
Source of Sample	Flowline	
R_m @ Meas. Temp.	.470 @ 70 °F	
R_{mf} @ Meas. Temp.	.502 @ 70 °F	
R_{mc} @ Meas. Temp.	---- @ -- °F	
Source: R_{mf} / R_{mc}	Press / None	
R_m @ BHT	.287 @ 119 °F	
Time Since Circ.	NA	
Max. Rec. Temp.	119 °F	
Equip. / Location	8191 / Evanston	
Recorded By	Moody	
Witnessed By	----	

Run No.	1
Tool Type	SHDT
Correlated By	4X2X40X2
Computed By	Vax11/780
Remarks	SO #444913; JOB # 17222

TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore 28.7 x 6.60 = 189.42, or 189. feet.

GRAPHIC PRESENTATION

CORRELATION CURVE | DEPTHS | TRUE DIP ANGLE AND DIRECTION | DRIFT & DIRECTION OF SONDE

ALL QUALITY ARROW PLOT 17222

FROM THE SHDT-MSD PROGRAM

BLACK ARROWS ARE HIGHEST QUALITY

CORRELATION LENGTH 4 FT

STEP LENGTH 2 FT

SEARCH ANGLE 40 DEGREES X2

ZONE FROM 6022 TO 8492