GL04462

Welex DIP LOG CALCULATIONS

COMPANY CHEVRON OIL COMPANY
CHEVRON MINERALS STATE
WELL ROSSI 21-19
FIELD BEOWAWE
COUNTY LANDERS STATE NEVADA
Location 375' S. & 2055' E. of N.W. Cor. 11E - 1101- 1101 Sec. 19 Twp. 31N Rge. 48E
Other Services: [illegible]

Permanent Datum GROUND LEVEL Elev.
Log Measured From K.B. 15.30 Ft. Above Perm. Datum
Drilling Measured From K.B.
Elev. K.B. [illegible] D.F. G.L.

Date	10-12-76			
Run No.	ONE			
Depth - Driller	2000'			
Depth - Welex	2003'			
Btm. Log Inter.	1997'			
Top Log Inter.	100'			
Casing - Driller	20" @ [illegible]	@	@	@
Casing - Welex	30'			
Bit Size	17 1/2"			
Type Fluid in Hole	GEL-WATER			
Dens. / Visc.	[illegible]			
pH / Fluid Loss	[illegible]	ml	ml	ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	[illegible] °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	[illegible] °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	[illegible] °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	[illegible]			
R_m @ BHT	4.59 @ 108 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 HRS.			
Max. Rec. Temp.	108 °F @ [illegible]	°F @	°F @	°F @
Equip. / Location	9430 / HOLE			
Recorded By	[illegible]			
Witnessed By	MR. C. [illegible], [illegible], [illegible]			

REFERENCE K 26392

3 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO.

CASING RECORD

PERFORATING RECORD

ACID, FRAC SHOT

I P

GOR GR

T P C P

REMARKS:

Service Ticket No. [illegible] Remarks:
Change in Mud Type or Additional Samples

Date / Sample No.	1	2	Run No.	1	2	3	4
Depth - Driller			Tool Type	[illegible]			
Type Fluid in Hole			Tool Number	[illegible]			
			Pad Type	[illegible]			
Dens. / Visc.			Correlated By	[illegible]			
pH / Fluid Loss	ml	ml	Computed By	[illegible]			
Source of Sample							
R_m @ Meas. Temp.	@ °F	@ °F	Remarks				
R_{mf} @ Meas. Temp.	@ °F	@ °F					
R_{mc} @ Meas. Temp.	@ °F	@ °F					
Source: R_{mf} R_{mc}							
R_m @ BHT	[illegible] °F	@ °F					
R_{mf} @ BHT	[illegible] °F	@ °F					
R_{mc} @ BHT	[illegible] °F	@ °F					

[illegible]

Magnetic Declination [illegible] DEGREES EAST

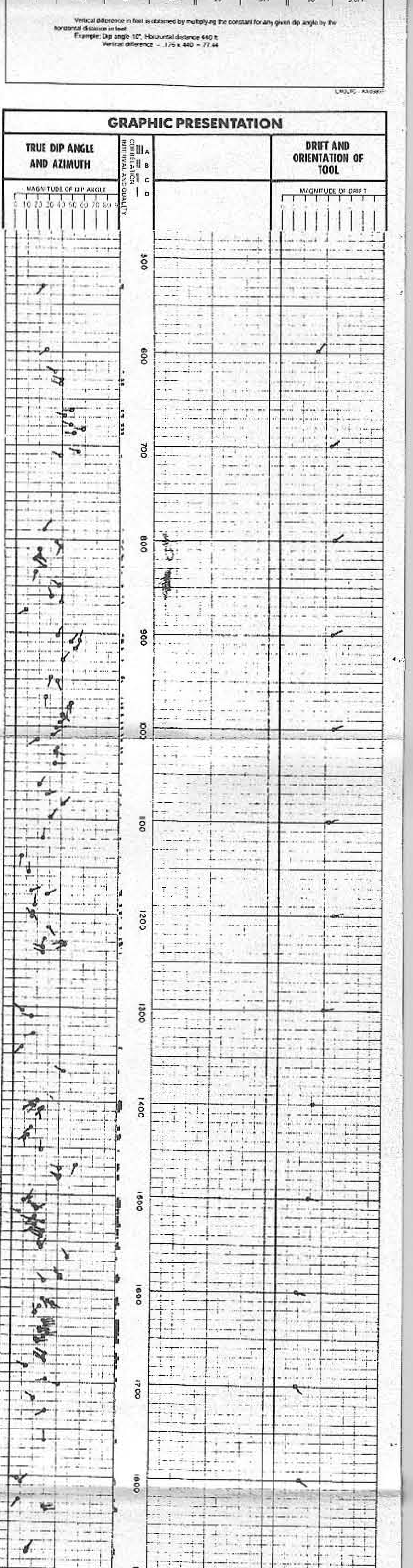
TABLE OF CONSTANTS FOR DETERMINING VERTICAL DIFFERENCE AT VARIOUS DIP ANGLES

DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT	DIP ANGLES Degrees	CONSTANT
1	.0175	11	.194	21	.384	35	.700
2	.035	12	.213	22	.404	40	.839
3	.052	13	.231	23	.425	45	1.000
4	.070	14	.249	24	.445	50	1.192
5	.088	15	.268	25	.466	55	1.428
6	.105	16	.287	26	.487	60	1.732
7	.123	17	.306	27	.509	65	2.144
8	.141	18	.325	28	.531	70	2.748
9	.158	19	.344	29	.554	75	3.732
10	.176	20	.364	30	.577	80	5.671

Vertical difference in feet is obtained by multiplying the constant for any given dip angle by the horizontal distance in feet.
Example: Dip angle 10°, Horizontal distance 440 ft.
Vertical difference = .176 x 440 = 77.44

LWDL-C - AA-[illegible]

GRAPHIC PRESENTATION



CHEVRON OIL COMPANY
ROSSI 21 - 19
BEOWAWE
LANDERS COUNTY, NEVADA

T.D. LOGGED 1997
T.D. DRILLER 2000
T.D. WELEX 2003

LWDL - - AA [illegible]