

1130L 30-1

W 1130L 30-1  
Schlumberger

COMPUTER  
PROCESSED  
LOG

COMPANY QUINTANA PETROLEUM CORP

WELL WATZER 30-1

FIELD WILCOAT

COUNTY CLATSOP STATE OREGON

LOCATION 30-6N-6W

ELEVATION 888.30F GS72.7 API NO

**Schlumberger Cyberdip**  
WELL SITE COMPUTATION  
A CSU Service

Date 12/25/89  
Run No. 7069  
Depth-Driver 7048  
Bim Log Interval 6.500  
Top Log Interval 7047  
Casing Driver 9548 @ 786  
Revised By ANDERSEN  
Recorded By PLETT

FOLD HERE The well name, location and borehole reference data were furnished by the customer

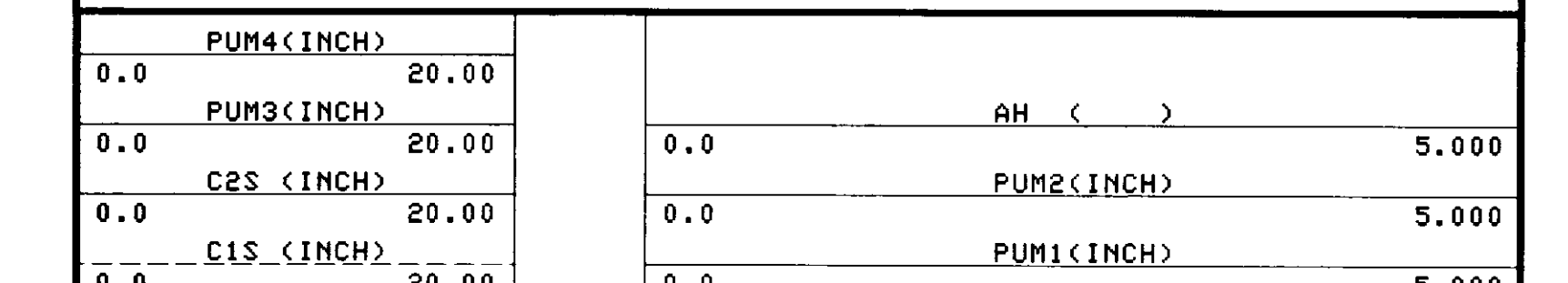
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule. \*A mark of Schlumberger.

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

VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF			VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF		
DIP ANGLES (degrees)	1000'	1000'	DIP ANGLES (degrees)	1000'	1000'
1	1.75	17.5	19	34.4	344.
2	3.5	35.	20	36.4	364.
3	5.2	52.	21	38.4	384.
4	7.0	70.	22	40.4	404.
5	8.8	88.	23	42.5	425.
6	10.5	105.	24	44.5	445.
7	12.3	123.	25	46.6	466.
8	14.1	141.	30	57.7	577.
9	15.8	158.	35	70.0	700.
10	17.6	176.	40	83.9	839.
11	19.4	194.	45	100.0	1000.
12	21.3	213.	50	119.2	1192.
13	23.1	231.	55	142.8	1428.
14	24.9	249.	60	173.2	1732.
15	26.8	268.	65	214.4	2144.
16	28.7	287.	70	274.8	2748.
17	30.6	306.	75	373.2	3732.
18	32.5	325.	80	567.1	5671.

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.

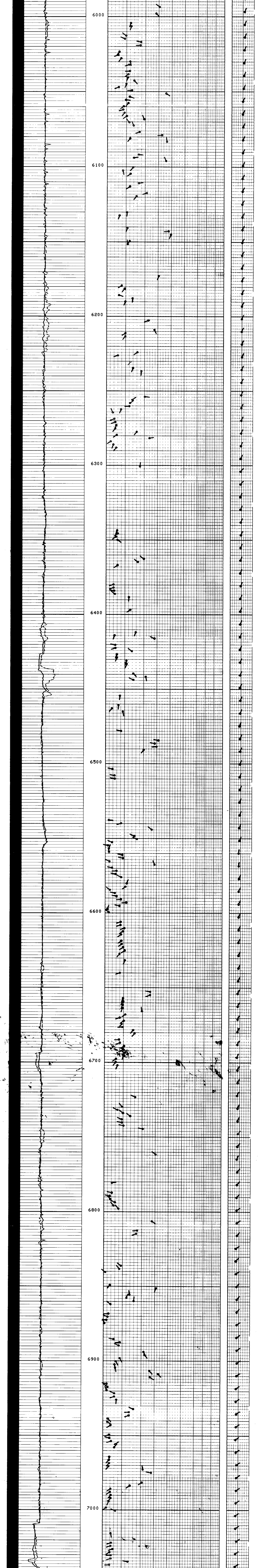
Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore 28.7 x 6.60 = 189.42, or 189, feet.



PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
MODE		4/2	TDCA	DEG	3PAD	BS	INCH	8.750
MCT	DEG	36	DSCA	DEG	10	DMAX	DEG	40
BHS		OPEN	FPHI		PHIX	STYP		STAN
DD		0.0						

NAME	UNIT	VALUE	NAME	UNIT	VALUE
PUM4<INCH>		20.00			
PUM3<INCH>		20.00	AH< >		5.000
C2S<INCH>		20.00	PUM2<INCH>		5.000
C1S<INCH>		20.00	PUM1<INCH>		5.000



FILE 5

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
MODE		4/2	TDCA	DEG	3PAD	BS	INCH	8.750
MCT	DEG	36	DSCA	DEG	10	DMAX	DEG	40
BHS		OPEN	FPHI		PHIX	STYP		STAN
DD		0.0						

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C1S<INCH>		20.00	PUM1<INCH>		5.000

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