Watzek 30-1

Run 2

Schlumberger

COMPUTER PROCESSED LOG

COMPANY	QUINTANA PETROLEUM CORP
WELL	WATZEK 30-1
FIELD	WILDCAT
COUNTY	CLATSOP STATE OREGON
LOCATION	30-6N-6W
ELEVATION	KB 884.3 DF GL 870.7 API NO.

Schlumberger Cyberdip

WELLSITE COMPUTATION

A CSU* Service

Date	12/25/80			
Run No.	2			
Depth—Driller	7069			
Depth—Logger	7048			
Btm. Log Interval	7047			
Top Log Interval	6500			
Casing—Driller	9 5/8 @ 796	@	@	@
Casing Logger	796			
Bit Size	8.75			
Type Fluid in Hole	LIGNO			
Dens. / Visc.	11.2 / 58			
pH / Fluid Loss	9.8 / 4.4 ml	ml	ml	ml
Source of Sample	CIRC			
Rm @ Meas. Temp.	.79 @ 86 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.5 @ 54 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.64 @ 62 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	M / M			
Rm @ BHT	.53 @ 128 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	12/24 1300			
TIME Logger on Bottom	12/25 0300			
Max. Rec. Temp.	129 °F	°F	°F	°F
Equip. / Location	8126 / SAC			
Recorded By	ANDERSEN			
Witnessed By	WERT			

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

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

DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF 100'	1000'	1 mile (5280')
1	1.75	17.5	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	384.	2027.
4	7.0	70.	369.	22	40.4	404.	2133.
5	8.8	88.	462.	23	42.5	425.	2241.
6	10.5	105.	555.	24	44.5	445.	2351.
7	12.3	123.	648.	25	46.6	466.	2462.
8	14.1	141.	742.	30	57.7	577.	3048.
9	15.8	158.	836.	35	70.0	700.	3697.
10	17.6	176.	931.	40	83.9	839.	4430.
11	19.4	194.	1026.	45	100.0	1000.	5280.
12	21.3	213.	1122.	50	119.2	1192.	6293.
13	23.1	231.	1219.	55	142.8	1428.	7540.
14	24.9	249.	1316.	60	173.2	1732.	9145.
15	26.8	268.	1415.	65	214.4	2144.	11323.
16	28.7	287.	1514.	70	274.8	2748.	14507.
17	30.6	306.	1614.	75	373.2	3732.	19705.
18	32.5	325.	1716.	80	567.1	5671.	29945.

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

N

4 ARM CALIPER 1-3 PAIR / 2-4 PAIR	DEPTHS	TRUE DIP ANGLE AND DIRECTION 0° 10° 20° 30° 40° 50° 60° 70° 80° 90°	DRIFT & DIRECTION OF SONDE 0° 20

PARAMETERS

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

PUM4(INCH) 0.0 — 20.00	
PUM3(INCH) 0.0 — 20.00	AH ( ) 0.0 — 5.000
C2S (INCH) 0.0 — 20.00	PUM2(INCH) 0.0 — 5.000
C1S (INCH) 0.0 — 20.00	PUM1(INCH) 0.0 — 5.000

FILE 5

FILE 5

PUM4(INCH) 0.0 — 20.00	
PUM3(INCH) 0.0 — 20.00	AH ( ) 0.0 — 5.000
C2S (INCH) 0.0 — 20.00	PUM2(INCH) 0.0 — 5.000
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