

Dwd = +76'

WOODSIDE OIL N.L. SALT LAKE N°1.

PORTION:
PARISH:
COUNTY:

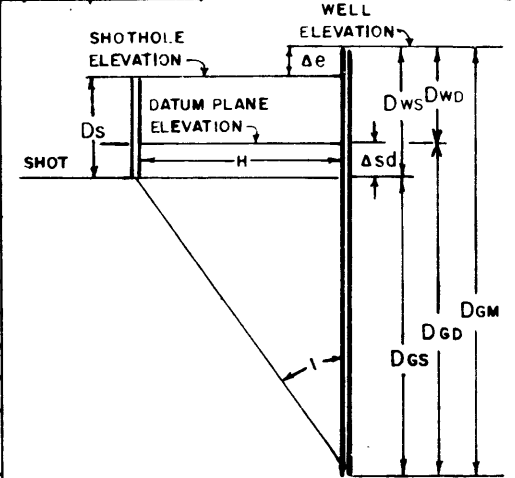
LATITUDE: 38° 26' 53" S
LONGITUDE: 147° 05' 12" E

Datum = 0' M.S.L.

SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	SHOT HOLE	ELEVATION	DISTANCE	
1	64	502	5	64	516																						
2	64	506	6	64	518																						
3	65	508																									
4	64	510																									

KELLY BUSH = +75.58'
 ROTARY TBL = +74.25'
 DERRICK FL
 GROUND = +62.81'

TUH	RECORD NO.	SHOT HOLE NO.	DGM	Tos	Tc	Ds	Δe	Dws	Δsd	Dgs	H	TAN I	Cos I	T	GRADE	Tgs	ΔD Vd	TGD X	DGD	ΔDGD	ΔTGD	VI INTERVAL VELOCITY	VA AVERAGE VELOCITY
			460									Sonic Time						.069 ⁵					
			750									Sonic Time						(.069 ⁵) 384	384	.069 ⁵	5530	5530	
.016	L	5	1050	.144	-.009 ⁶	29	12	41	35	1009	516	.51140	.89033	.189	F	.168 ³	-.005 ⁹	.152 ⁸					
			1500									Sonic Time						(.112) 674					6020
																		(.153) 974	590	.083 ⁵	7070	6370	
.017	K	4	1992	.133	-.007 ³	36	12	48	28	1944	510	.26235	.96727	.286	P	.276 ⁶	-.004 ⁷	.264 ⁶					
																		(.209) 1424					6810
.018	D	1	2215	.130	-.007 ³	36	12	48	28	2167	502	.23166	.97420	.311	G	.303	-.004 ⁷	.291					
																		(.264 ⁵) 1916	942	.111 ⁵	8450	7240	
.020	E	2	2386	.131	-.005 ⁹	40	12	52	24	2334	506	.21680	.97729	.333	G	.325 ⁴	-.004 ⁷	.315 ⁴					
																		(.291) 2139	223	.026 ⁵	8420	7350	
.014	F	3	2550	.132	-.006 ⁶	38	11	49	27	2501	508	.20312	.97999	.355	F	.347 ⁹	-.004 ⁶	.336 ⁷					
																		(.315 ⁵) 2310	171	.024 ⁵	6980	7320	
.019	J	1	3000	.131	-.006 ³	39	12	51	25	2949	502	.17023	.98582	.416	G	.410 ¹	-.004 ²	.399 ⁶					
			3300									Sonic Time						(.399 ⁵) 2924	450	.063	7140	7320	
.019	I	2	3600	.133	-.005 ⁹	40	12	52	24	3548	506	.14262	.98998	.489	F	.484 ¹	-.004 ¹	.474 ¹					
																		(.440 ⁵) 3224	300	.041	7320	7320	
			3970									Sonic Time						(.474 ¹) 3524					7430
			4340									Sonic Time						.514					
																		(.514) 3894					7580
.014	G	4	4720	.133	-.009 ³	30	12	42	34	4678	510	.10902	.99411	.609	F	.605 ⁴	-.005 ⁸	.590 ³					
																		(.440 ⁵) 3224					
.012	B	5	4720	.133	-.005 ⁹	40	12	52	24	4668	516	.11054	.99395	.605	F	.601 ³	-.004 ¹	.591 ³					
																		(.336 ⁵) 2474	164	.021	7810	7350	
			4845									Sonic Time						(.399 ⁵) 2924	450	.063	7140	7320	
.012	A	6	5285	.134	-.005 ⁹	40	12	52	24	5233	518	.09899	.99513	.656	P	.652 ⁸	-.004 ¹	.642 ⁸					
																		(.474 ¹) 3524					
.015	H	6	5285	.129	-.005 ⁶	41	12	53	23	5232	518	.09901	.99513	.654	G	.650 ⁸	-.003 ⁹	.641 ³					
																		(.553) 4264					
																		(.591) 4644	1420	.150 ⁵	9440	7860	
																		.601 ⁵					
																		(.601 ⁵) 4769	125	.010 ⁵	11900	7930	
																		(.642 ⁸)					
																		(.642 ¹) 5209	440	.040 ⁵	10860	8110	



DWD = KELLY ELEVATION MINUS DATUM ELEVATION
 DGM = SEISMOMETER DEPTH BELOW KELLY ELEVATION
 Tos = TIME TO OFFSET GEOPHONE
 Tc = TIME CORRECTION (FROM REFLECTION, REFRACTION, OR UPHOLE TIME)
 Ds = DEPTH OF SHOT
 Δe = KELLY ELEVATION MINUS SHOTHOLE ELEVATION
 Dws = Ds + Δe
 Δsd = Dws - Dwd
 Dgs = DGM - Dws
 H = HORIZONTAL DISTANCE, WELL TO SHOTHOLE
 TAN I = H/DGS
 T = WELL SEISMOMETER TIME FROM TIME BREAK
 TGS = T COS I
 TGD = TGS + ΔSD/Vd = VERTICAL TRAVEL TIME, WELL SEISMOMETER TO DATUM PLANE
 DGD = DGM - DWD = VERTICAL DISTANCE, WELL SEISMOMETER TO DATUM PLANE
 Vi = INTERVAL VELOCITY = ΔDGD/ΔTGD
 VA = AVERAGE VELOCITY = DGD/TGD

SURVEYED FOR: Woodside Oil N.L.
 SURVEYED BY: U.G.C. Party 141
 COMPUTED BY: W.J. Larsen
 DATE SURVEYED: 5 May 1970

CASING: = 316'

WEATHERING: (0-15') = 1800'/sec.
 (15-58) = 2000'/sec.

DATUM VELOCITY: = 5900'/sec.