

CC 24-28-65

TENNECO OIL COMPANY *3023
 WELL NO. "C.C." 28-24
 MIST FIELD 24-28
 COLUMBIA OREGON
 11-08-86

INTERVAL 472.0 TO 1950.0
 RUN 1 RLAC 3023.
 ENGINEER MAG DEC 20.

 * SEARCH 24 IN WINDOW 8 FT STEP 2 FT *
 * *
 * 4 0 0 0 0 *

FORMATION DIP							****BOREHOLE****			
DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING		
480.0	8.00	20.5	174	S 6 E	100	1.5	323	N 37 W		
482.0	8.00	20.1	170	S 10 E	100	1.5	323	N 37 W		
484.0	8.00	21.1	168	S 12 E	100	1.5	325	N 35 W		
486.0	8.00	20.9	164	S 16 E	100	1.6	326	N 34 W		
488.0	8.00	18.9	162	S 18 E	100	1.6	327	N 33 W		
490.0	8.00	19.3	164	S 16 E	100	1.4	323	N 37 W		
492.0	8.00	17.2	158	S 22 E	100	1.6	329	N 31 W		
494.0	8.00	17.1	163	S 17 E	100	1.6	328	N 32 W		
498.0	8.00	22.8	263	S 83 W	100	1.7	329	N 31 W		
500.0	8.00	18.0	243	S 63 W	100	1.7	331	N 29 W		
502.0	8.00	18.4	247	S 67 W	100	1.6	330	N 30 W		
504.0	8.00	7.3	233	S 53 W	100	1.6	331	N 29 W		
508.0	8.00	8.7	196	S 16 W	100	1.7	332	N 28 W		
510.0	8.00	16.2	174	S 6 E	100	1.6	331	N 29 W		
512.0	8.00	15.1	179	S 1 E	100	1.7	331	N 29 W		
514.0	8.00	13.8	206	S 26 W	100	1.6	330	N 30 W		
516.0	8.00	20.8	192	S 12 W	100	1.7	331	N 29 W		
518.0	8.00	15.4	192	S 12 W	100	1.7	331	N 29 W		
520.0	8.00	19.5	203	S 23 W	100	1.8	332	N 28 W		
522.0	8.00	17.0	181	S 1 W	100	1.8	331	N 29 W		
524.0	8.00	19.0	170	S 10 E	89	1.8	331	N 29 W		
526.0	8.00	26.7	157	S 23 E	100	1.9	332	N 28 W		
528.0	8.00	25.9	155	S 25 E	100	1.9	331	N 29 W		
530.0	8.00	22.6	151	S 29 E	100	2.0	331	N 29 W		
532.0	8.00	7.2	193	S 13 W	100	2.0	331	N 29 W		
540.0	8.00	14.6	224	S 44 W	100	2.0	328	N 32 W		
542.0	8.00	19.8	198	S 18 W	100	2.0	327	N 33 W		
544.0	8.00	19.2	197	S 17 W	100	2.0	328	N 32 W		
546.0	8.00	20.3	200	S 20 W	100	2.0	327	N 33 W		

MIST FIELD

COLUMBIA

DREGOV

11-08-86

FORMATION DTP

BOREHOLE

DEPTH WL AVG AZ BEARINGS GRADE DA DAZ BEARINGS

548.0	8.00	21.0	202	S 22 W	100	2.1	327	N 33 W
550.0	8.00	16.6	102	S 78 E	100	2.0	326	N 24 W
552.0	8.00	18.0	107	S 73 E	100	2.0	327	N 33 W
554.0	8.00	17.9	112	S 68 E	100	2.0	326	N 34 W
556.0	8.00	16.7	113	S 67 E	100	2.0	326	N 34 W
558.0	8.00	15.5	115	S 65 E	100	2.0	325	N 35 W
560.0	8.00	14.4	117	S 63 E	100	2.0	325	N 35 W
562.0	8.00	13.5	115	S 61 E	100	2.0	325	N 35 W
564.0	8.00	10.8	106	S 74 E	100	2.0	325	N 35 W
566.0	8.00	14.8	98	S 82 E	100	2.0	324	N 36 W
568.0	8.00	15.8	93	S 87 E	100	2.1	324	N 36 W
570.0	8.00	16.4	87	N 87 E	100	2.0	324	N 36 W
572.0	8.00	16.6	89	N 89 E	100	2.1	324	N 36 W
574.0	8.00	22.1	93	S 17 E	100	2.0	321	N 39 W
580.0	8.00	21.8	94	S 86 E	100	2.0	321	N 39 W
582.0	8.00	21.4	90	N 90 E	100	2.0	319	N 41 W
584.0	8.00	22.0	91	S 89 E	100	2.0	319	N 41 W
586.0	8.00	21.4	90	N 90 E	100	2.1	319	N 41 W
588.0	8.00	21.3	92	S 86 E	100	2.1	319	N 41 W
590.0	8.00	19.6	87	N 87 E	100	2.1	318	N 42 W
592.0	8.00	22.1	87	N 87 E	100	2.1	318	N 42 W
594.0	8.00	23.4	93	S 87 E	100	2.1	317	N 43 W
596.0	8.00	24.7	95	S 85 E	100	2.1	316	N 44 W
598.0	8.00	23.9	91	S 89 E	100	2.1	316	N 44 W
600.0	8.00	25.3	91	S 89 E	100	2.1	315	N 45 W
602.0	8.00	25.6	94	S 86 E	100	2.1	315	N 45 W
604.0	8.00	13.7	77	N 77 E	100	2.1	314	N 46 W
612.0	8.00	27.3	71	N 71 E	100	2.1	312	N 48 W
614.0	8.00	5.9	84	N 84 E	76	2.1	312	N 48 W
616.0	8.00	27.8	88	N 88 E	100	2.1	312	N 48 W
618.0	8.00	27.1	86	N 86 E	100	2.1	312	N 48 W
620.0	8.00	29.9	93	S 87 E	100	2.1	310	N 50 W
622.0	8.00	28.0	48	N 48 E	100	2.1	309	N 51 W
632.0	8.00	26.0	58	N 58 E	100	2.1	305	N 55 W
634.0	8.00	26.0	58	N 58 E	100	2.1	305	N 55 W
636.0	8.00	26.4	51	N 51 E	100	2.0	305	N 55 W
638.0	8.00	27.4	53	N 53 E	100	2.1	305	N 55 W
640.0	8.00	25.7	52	N 52 E	100	2.1	303	N 57 W
642.0	8.00	24.2	56	N 56 E	100	2.0	303	N 57 W
644.0	8.00	18.7	58	N 58 E	100	2.1	303	N 57 W

TENNECO OIL COMPANY
 WELL NO. "C.C." 28-24

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MIST FIELD

COLUMBIA

OREGON

11-08-86

FORMATION DIP

****BOREHOLE****

DEPTH WL ANG AZ BEARING GRADE DA DAZ BEARING

646.0	8.00	17.1	73	N 73 E	57	2.0	302	N 58 W
648.0	8.00	31.4	63	N 63 E	100	2.0	302	N 58 W
650.0	8.00	32.1	63	N 63 E	100	1.9	301	N 59 W
652.0	8.00	14.6	82	N 82 E	100	2.0	301	N 59 W
654.0	8.00	15.4	77	N 77 E	100	2.0	300	N 60 W
656.0	8.00	14.8	75	N 75 E	100	2.0	299	N 61 W
658.0	8.00	14.9	71	N 71 E	73	2.0	299	N 61 W
664.0	8.00	29.3	41	N 41 E	100	2.0	299	N 61 W
666.0	8.00	29.2	41	N 41 E	87	2.0	298	N 62 W
674.0	8.00	31.6	43	N 43 E	69	2.0	299	N 61 W
676.0	8.00	25.9	30	N 30 E	100	2.0	298	N 62 W
680.0	8.00	38.1	14	N 14 E	97	2.0	297	N 63 W
682.0	8.00	35.6	54	N 54 E	100	2.0	297	N 63 W
686.0	8.00	14.3	29	N 29 E	100	2.1	294	N 66 W
692.0	8.00	20.0	317	N 43 W	100	2.0	294	N 66 W
696.0	8.00	28.4	324	N 36 W	100	2.0	294	N 66 W
698.0	8.00	28.0	320	N 40 W	100	2.0	294	N 66 W
700.0	8.00	31.3	327	N 33 W	100	2.0	293	N 67 W
702.0	8.00	21.6	343	N 17 W	100	2.0	292	N 68 W
704.0	8.00	14.2	285	N 75 W	100	2.1	292	N 68 W
718.0	8.00	20.2	283	N 77 W	100	1.9	290	N 70 W
722.0	8.00	31.5	9	N 9 E	100	1.9	290	N 70 W
724.0	8.00	25.6	2	N 2 E	100	1.9	290	N 70 W
726.0	8.00	23.5	3	N 3 E	100	1.9	290	N 70 W
728.0	8.00	29.2	7	N 7 E	100	1.9	290	N 70 W
730.0	8.00	29.2	5	N 5 E	100	1.9	289	N 71 W
732.0	8.00	29.0	9	N 9 E	100	1.9	289	N 71 W
736.0	8.00	31.4	7	N 7 E	61	1.9	288	N 72 W
738.0	8.00	31.6	9	N 9 E	72	1.9	288	N 72 W
742.0	8.00	27.9	355	N 5 W	100	1.9	287	N 73 W
744.0	8.00	25.6	349	N 11 W	100	1.8	286	N 74 W
746.0	8.00	26.0	353	N 7 W	100	1.8	286	N 74 W
748.0	8.00	24.5	356	N 4 W	100	1.8	287	N 73 W
750.0	8.00	22.8	352	N 8 W	100	1.8	286	N 74 W
752.0	8.00	24.7	349	N 11 W	80	1.8	284	N 76 W
754.0	8.00	25.5	352	N 8 W	100	1.8	285	N 75 W
756.0	8.00	25.3	351	N 9 W	100	1.8	284	N 76 W
758.0	8.00	24.0	354	N 6 W	100	1.7	285	N 75 W
760.0	8.00	21.8	356	N 4 W	100	1.7	283	N 77 W
762.0	8.00	21.9	358	N 2 W	100	1.7	284	N 76 W

TENNECO OIL COMPANY
 WELL NO. "C.C." 20-24

*3023

MIST FIELD

COLUMBIA

OREGON

11-08-86

DEPTH	WL	**FORMATION DIP**				***BOREHOLE***			
		ANG	AZ	BEARING	GRADE	JA	JAZ	BEARINGS	
764.0	8.00	20.1	358	N 2 W	100	1.7	283	N 77 W	
766.0	8.00	20.6	352	N 8 W	100	1.7	281	N 79 W	
768.0	8.00	26.3	354	N 6 W	100	1.6	282	N 78 W	
770.0	8.00	26.3	350	N 10 W	100	1.5	280	N 80 W	
776.0	8.00	23.2	324	N 36 W	100	1.5	275	N 85 W	
779.0	8.00	32.2	330	N 30 W	100	1.5	275	N 85 W	
780.0	8.00	34.2	321	N 39 W	100	1.4	273	N 87 W	
786.0	8.00	28.9	323	N 37 W	100	1.3	273	N 87 W	
788.0	8.00	34.7	315	N 45 W	80	1.3	272	N 88 W	
790.0	8.00	10.2	277	N 83 W	100	1.3	271	N 89 W	
792.0	8.00	14.0	171	S 9 E	100	1.3	270	N 90 W	
794.0	8.00	25.5	162	S 18 E	63	1.3	269	S 89 W	
796.0	8.00	24.7	160	S 20 E	100	1.3	270	N 90 W	
806.0	8.00	25.6	234	S 54 W	100	1.1	269	S 89 W	
808.0	8.00	22.7	207	S 27 W	100	1.1	271	N 89 W	
812.0	8.00	2.2	178	S 2 E	100	1.1	269	S 89 W	
824.0	8.00	32.0	294	N 66 W	100	1.0	278	N 82 W	
826.0	8.00	4.7	261	N 79 W	100	1.0	278	N 82 W	
830.0	8.00	15.2	271	N 89 W	100	0.9	276	N 84 W	
832.0	8.00	14.9	271	N 89 W	100	1.0	275	N 85 W	
834.0	8.00	18.1	267	S 87 W	100	0.9	277	N 83 W	
838.0	8.00	11.2	277	N 83 W	56	0.9	279	N 81 W	
842.0	8.00	6.1	290	N 70 W	100	0.9	282	N 77 W	
844.0	8.00	5.8	271	N 89 W	100	0.9	284	N 76 W	
846.0	8.00	6.1	306	N 54 W	100	0.9	282	N 78 W	
852.0	8.00	21.2	326	N 34 W	100	1.0	287	N 73 W	
854.0	8.00	3.7	323	N 37 W	100	1.0	288	N 72 W	
856.0	8.00	5.3	297	N 63 W	100	1.0	286	N 74 W	
858.0	8.00	3.1	273	N 87 W	100	1.0	288	N 72 W	
860.0	8.00	3.9	288	N 72 W	100	1.1	288	N 72 W	
862.0	8.00	1.8	319	N 41 W	100	1.1	287	N 73 W	
868.0	8.00	12.1	326	N 34 W	100	1.2	284	N 76 W	
870.0	8.00	10.6	314	N 46 W	100	1.2	281	N 79 W	
872.0	8.00	11.7	329	N 21 W	100	1.3	284	N 76 W	
874.0	8.00	10.0	294	N 66 W	100	1.3	281	N 79 W	
878.0	8.00	11.7	283	N 77 W	100	1.3	281	N 79 W	
880.0	8.00	10.3	303	N 57 W	100	1.3	279	N 81 W	
882.0	8.00	8.9	294	N 66 W	100	1.3	277	N 83 W	
884.0	8.00	9.0	326	N 34 W	100	1.3	276	N 84 W	
886.0	8.00	10.5	352	N 8 W	100	1.3	274	N 86 W	

TENNECO OIL COMPANY
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MIST FIELD

COLUMBIA

OREGON

11-08-86

FORMATION DIP

****BOREHOLE****

DEPTH WL ANG AZ BEARING GRADE DA DAZ BEARING

DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
890.0	8.00	9.7	321	N 39 W	100	1.3	273	N 87 W
892.0	8.00	10.6	326	N 34 W	100	1.3	271	N 89 W
894.0	8.00	9.5	323	N 37 W	100	1.3	269	S 89 W
896.0	8.00	9.9	312	N 48 W	100	1.3	269	S 89 W
898.0	8.00	15.5	310	N 50 W	100	1.3	268	S 88 W
900.0	8.00	19.0	302	N 58 W	100	1.3	267	S 87 W
902.0	8.00	19.4	292	N 68 W	100	1.2	263	S 83 W
908.0	8.00	20.7	261	S 81 W	100	1.2	257	S 77 W
910.0	8.00	15.7	275	N 85 W	100	1.1	256	S 76 W
912.0	8.00	21.2	295	N 65 W	100	1.1	256	S 76 W
914.0	8.00	19.4	283	N 77 W	100	1.0	254	S 74 W
916.0	8.00	16.9	323	N 37 W	100	1.1	254	S 74 W
918.0	8.00	16.3	310	N 50 W	100	1.1	255	S 75 W
920.0	8.00	13.4	328	N 32 W	100	1.0	253	S 73 W
922.0	8.00	13.3	324	N 36 W	100	1.0	254	S 74 W
924.0	8.00	6.2	311	N 49 W	100	0.9	258	S 78 W
926.0	8.00	10.8	316	N 44 W	100	0.9	258	S 78 W
932.0	8.00	26.5	310	N 50 W	100	0.8	255	S 75 W
934.0	8.00	26.2	302	N 58 W	100	0.8	259	S 79 W
936.0	8.00	13.4	294	N 66 W	100	0.8	256	S 76 W
938.0	8.00	18.6	282	N 78 W	100	0.8	257	S 77 W
940.0	8.00	12.7	289	N 71 W	100	0.8	262	S 82 W
942.0	8.00	17.5	311	N 49 W	100	0.7	264	S 84 W
944.0	8.00	16.0	315	N 45 W	100	0.7	266	S 86 W
946.0	8.00	15.5	307	N 53 W	100	0.7	270	N 90 W
948.0	8.00	15.0	304	N 56 W	100	0.7	271	N 89 W
950.0	8.00	17.6	310	N 50 W	100	0.7	272	N 88 W
952.0	8.00	16.4	319	N 41 W	100	0.7	276	N 84 W
954.0	8.00	14.8	310	N 50 W	100	0.7	277	N 83 W
956.0	8.00	12.5	306	N 54 W	100	0.7	280	N 80 W
958.0	8.00	17.2	311	N 49 W	100	0.6	279	N 81 W
960.0	8.00	6.8	316	N 44 W	100	0.7	283	N 77 W
964.0	8.00	29.1	301	N 59 W	100	0.7	287	N 73 W
966.0	8.00	24.5	320	N 40 W	100	0.7	287	N 73 W
968.0	8.00	26.5	316	N 44 W	94	0.7	286	N 74 W
970.0	8.00	28.6	313	N 47 W	72	0.8	288	N 72 W
976.0	8.00	19.2	320	N 40 W	100	0.7	296	N 64 W
978.0	8.00	17.2	291	N 69 W	100	0.8	293	N 67 W
982.0	8.00	29.5	326	N 34 W	100	0.8	293	N 67 W
984.0	8.00	14.0	330	N 30 W	100	0.8	293	N 67 W

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MIST FIELD

COLUMBIA

OREGON

11-08-86

FORMATION DIP

BOREHOLE

DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARINGS
988.0	8.00	18.7	321	N 39 W	100	0.8	291	N 69 W
990.0	8.00	24.4	340	N 20 W	56	0.9	294	N 66 W
992.0	8.00	21.3	309	N 51 W	78	0.8	292	N 68 W
994.0	8.00	25.8	335	N 25 W	76	0.9	293	N 67 W
996.0	8.00	22.1	327	N 33 W	100	0.9	291	N 69 W
998.0	8.00	14.9	332	N 28 W	100	0.9	292	N 68 W
1000.0	8.00	22.3	278	N 82 W	100	0.9	294	N 66 W
1002.0	8.00	22.3	286	N 74 W	94	0.9	293	N 67 W
1004.0	8.00	26.1	295	N 65 W	74	0.9	299	N 71 W
1010.0	8.00	19.0	289	N 71 W	100	0.9	287	N 73 W
1012.0	8.00	15.2	296	N 64 W	100	1.0	285	N 75 W
1014.0	8.00	24.3	299	N 61 W	100	0.9	284	N 76 W
1016.0	8.00	26.1	318	N 42 W	100	1.0	285	N 75 W
1018.0	8.00	27.9	318	N 42 W	100	1.0	286	N 74 W
1020.0	8.00	33.7	327	N 33 W	100	1.0	283	N 77 W
1022.0	8.00	33.5	323	N 37 W	100	1.0	284	N 76 W
1024.0	8.00	27.4	319	N 41 W	100	1.0	285	N 75 W
1026.0	8.00	22.4	341	N 19 W	100	0.9	282	N 78 W
1028.0	8.00	26.9	322	N 38 W	100	0.9	282	N 78 W
1030.0	8.00	21.9	311	N 49 W	100	0.9	281	N 79 W
1032.0	8.00	23.3	321	N 39 W	100	0.9	277	N 83 W
1040.0	8.00	23.2	315	N 45 W	100	0.8	276	N 84 W
1042.0	8.00	36.5	325	N 35 W	100	0.7	275	N 85 W
1044.0	8.00	35.8	327	N 33 W	100	0.8	276	N 84 W
1046.0	8.00	33.9	323	N 37 W	100	0.7	276	N 84 W
1052.0	8.00	29.9	322	N 38 W	84	0.7	271	N 89 W
1054.0	8.00	30.0	320	N 40 W	77	0.7	270	N 90 W
1056.0	8.00	27.6	319	N 41 W	74	0.7	269	S 89 W
1058.0	8.00	24.7	311	N 49 W	72	0.6	266	S 86 W
1060.0	8.00	38.6	289	N 71 W	69	0.6	266	S 86 W
1062.0	8.00	29.4	297	N 63 W	100	0.6	269	S 89 W
1076.0	8.00	15.3	247	S 67 W	100	0.5	263	S 83 W
1078.0	8.00	21.4	267	S 87 W	100	0.5	259	S 79 W
1080.0	8.00	23.3	248	S 68 W	77	0.5	260	S 80 W
1082.0	8.00	17.3	319	N 41 W	100	0.5	259	S 79 W
1084.0	8.00	21.4	332	N 28 W	100	0.4	265	S 85 W
1086.0	8.00	17.9	326	N 34 W	100	0.4	262	S 82 W
1100.0	8.00	24.3	298	N 62 W	100	0.4	255	S 75 W
1102.0	8.00	30.0	304	N 56 W	100	0.4	253	S 73 W
1104.0	8.00	28.1	310	N 50 W	100	0.4	252	S 72 W

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MIST FIELD

COLUMBIA

OREGON

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DEPTH	WL	**FORMATION DIP**				****BOREHOLE****		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
1110.0	8.00	30.3	315	N 45 W	100	0.4	262	S 82 W
1114.0	8.00	33.4	298	N 62 W	100	0.3	251	S 71 W
1116.0	8.00	32.2	293	N 67 W	79	0.4	253	S 73 W
1120.0	8.00	32.9	310	N 50 W	100	0.3	250	S 70 W
1122.0	8.00	27.0	325	N 35 W	100	0.3	247	S 67 W
1124.0	8.00	22.0	280	N 80 W	100	0.2	234	S 54 W
1126.0	8.00	22.8	284	N 76 W	100	0.2	224	S 44 W
1128.0	8.00	22.9	288	N 72 W	73	0.2	230	S 50 W
1130.0	8.00	23.7	273	N 87 W	69	0.2	218	S 38 W
1142.0	8.00	11.8	297	N 63 W	100	0.2	194	S 14 W
1144.0	8.00	13.2	325	N 35 W	100	0.1	209	S 29 W
1146.0	8.00	18.2	307	N 53 W	100	0.1	188	S 8 W
1148.0	8.00	16.8	315	N 45 W	100	0.1	173	S 7 E
1150.0	8.00	19.2	310	N 50 W	100	0.1	171	S 9 E
1152.0	8.00	22.6	311	N 49 W	100	0.1	151	S 29 E
1154.0	8.00	27.4	195	S 15 W	100	0.1	153	S 27 E
1160.0	8.00	15.5	181	S 1 W	100	0.2	168	S 12 E
1166.0	8.00	8.5	219	S 39 W	100	0.4	146	S 34 E
1168.0	8.00	28.6	199	S 19 W	74	0.4	143	S 37 E
1170.0	8.00	28.1	188	S 8 W	100	0.5	143	S 37 E
1186.0	8.00	25.9	183	S 3 W	81	0.7	132	S 48 E
1188.0	8.00	17.9	317	N 43 W	42	0.8	127	S 53 E
1192.0	8.00	28.2	318	N 42 W	100	0.8	124	S 56 E
1194.0	8.00	27.9	313	N 47 W	90	0.8	126	S 54 E
1202.0	8.00	32.5	271	N 89 W	63	1.0	125	S 55 E
1204.0	8.00	31.3	294	N 66 W	63	1.0	126	S 54 E
1208.0	8.00	27.2	296	N 64 W	23	1.0	127	S 53 E
1210.0	8.00	25.6	290	N 70 W	87	1.1	126	S 54 E
1212.0	8.00	34.0	262	S 82 W	100	1.1	125	S 55 E
1214.0	8.00	21.1	314	N 46 W	100	1.1	125	S 55 E
1218.0	8.00	28.6	318	N 42 W	100	1.2	123	S 57 E
1220.0	8.00	28.7	317	N 43 W	100	1.2	124	S 56 E
1224.0	8.00	23.0	329	N 31 W	100	1.3	124	S 56 E
1226.0	8.00	21.9	335	N 25 W	100	1.3	121	S 59 E
1228.0	8.00	25.8	322	N 38 W	100	1.3	121	S 59 E
1230.0	8.00	22.2	334	N 26 W	100	1.3	120	S 60 E
1232.0	8.00	26.8	330	N 30 W	100	1.4	119	S 61 E
1234.0	8.00	26.4	328	N 32 W	100	1.3	119	S 61 E
1242.0	8.00	32.8	326	N 34 W	100	1.4	120	S 60 E
1244.0	8.00	33.4	320	N 40 W	100	1.4	117	S 63 E

MIST FIELD

COLUMBIA

OREGON

11-08-86

FORMATION DIP

BOREHOLE

DEPTH	WL	AVG	AZ	BEARINGS	GRADE	DA	DAZ	BEARINGS
1246.0	8.00	35.8	321	N 39 W	100	1.5	118	S 62 E
1248.0	8.00	30.3	312	N 48 W	100	1.4	117	S 63 E
1250.0	8.00	25.1	319	N 41 W	100	1.5	117	S 63 E
1252.0	8.00	22.1	321	N 39 W	100	1.5	118	S 62 E
1254.0	8.00	22.1	318	N 42 W	100	1.5	118	S 62 E
1256.0	8.00	23.1	315	N 45 W	100	1.5	117	S 63 E
1258.0	8.00	23.3	311	N 49 W	100	1.5	116	S 64 E
1260.0	8.00	22.6	309	N 51 W	100	1.5	117	S 63 E
1262.0	8.00	23.0	311	N 49 W	100	1.5	117	S 63 E
1264.0	8.00	21.8	311	N 49 W	100	1.6	118	S 62 E
1266.0	8.00	21.0	308	N 52 W	100	1.6	117	S 63 E
1268.0	8.00	19.7	310	N 50 W	100	1.6	118	S 62 E
1272.0	8.00	6.1	285	N 75 W	100	1.6	117	S 63 E
1276.0	8.00	2.3	256	N 64 W	100	1.7	117	S 63 E
1280.0	8.00	20.0	321	N 39 W	100	1.7	116	S 64 E
1282.0	8.00	17.3	315	N 45 W	100	1.7	117	S 63 E
1284.0	8.00	18.1	317	N 43 W	100	1.8	117	S 63 E
1286.0	8.00	25.2	320	N 40 W	100	1.8	116	S 64 E
1288.0	8.00	25.9	319	N 41 W	100	1.8	116	S 64 E
1290.0	8.00	26.9	313	N 47 W	100	1.8	114	S 66 E
1314.0	8.00	7.8	27	N 27 E	100	2.0	118	S 62 E
1316.0	8.00	20.7	8	N 8 E	76	1.9	117	S 63 E
1320.0	8.00	33.3	8	N 8 E	78	1.9	114	S 66 E
1322.0	8.00	13.2	9	N 9 E	100	1.9	115	S 65 E
1356.0	8.00	38.4	353	N 7 W	84	2.3	117	S 63 E
1358.0	8.00	14.8	8	N 8 E	100	2.1	117	S 63 E
1360.0	8.00	41.1	335	N 25 W	59	2.2	117	S 63 E
1362.0	8.00	45.3	316	N 44 W	77	2.1	114	S 66 E
1366.0	8.00	21.1	344	N 16 W	89	2.0	112	S 68 E
1372.0	8.00	41.1	353	N 7 W	100	2.3	117	S 63 E
1380.0	8.00	38.8	284	N 76 W	74	2.4	118	S 62 E
1382.0	8.00	39.9	283	N 77 W	100	2.4	118	S 62 E
1396.0	8.00	25.0	262	S 82 W	68	2.5	120	S 60 E
1402.0	8.00	44.4	332	N 28 W	61	2.6	119	S 61 E
1404.0	8.00	39.7	329	N 31 W	72	2.6	120	S 60 E
1406.0	8.00	47.9	339	N 21 W	59	2.6	119	S 61 E
1408.0	8.00	42.5	316	N 44 W	62	2.6	118	S 62 E
1414.0	8.00	34.3	324	N 36 W	56	2.7	121	S 59 E
1426.0	8.00	46.1	298	N 62 W	89	2.8	120	S 60 E
1436.0	8.00	17.6	317	N 43 W	98	2.8	120	S 60 E

MIST FIELD

COLUMBIA

OREGON

11-08-86

DEPTH	WL	**FORMATION DIP**				***BOREHOLE***			
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
1446.0	8.00	33.9	309	N 51 W	100	3.0	119	S 61 E	
1448.0	8.00	36.4	316	N 44 W	70	3.1	120	S 60 E	
1450.0	8.00	42.4	315	N 45 W	54	3.1	119	S 61 E	
1466.0	8.00	27.8	327	N 33 W	100	3.1	118	S 62 E	
1468.0	8.00	34.5	325	N 35 W	90	3.1	117	S 63 E	
1470.0	8.00	31.4	285	N 75 W	57	3.0	118	S 62 E	
1472.0	8.00	39.2	237	S 57 W	65	2.9	116	S 64 E	
1476.0	8.00	46.9	207	S 27 W	54	3.1	115	S 65 E	
1478.0	8.00	17.9	166	S 14 E	82	2.9	114	S 66 E	
1482.0	8.00	19.4	192	S 12 W	87	3.0	114	S 66 E	
1484.0	8.00	21.8	150	S 30 E	99	3.1	115	S 65 E	
1496.0	8.00	25.7	155	S 25 E	100	3.0	112	S 68 E	
1498.0	8.00	11.9	127	S 53 E	100	3.0	113	S 67 E	
1500.0	8.00	9.6	90	N 90 E	100	3.0	115	S 65 E	
1506.0	8.00	25.5	66	N 66 E	100	3.0	115	S 65 E	
1508.0	8.00	26.6	65	N 65 E	100	3.0	115	S 65 E	
1510.0	8.00	27.8	75	N 75 E	100	3.1	115	S 65 E	
1512.0	8.00	23.9	68	N 68 E	60	2.8	115	S 65 E	
1514.0	8.00	6.6	39	N 39 E	100	2.9	116	S 64 E	
1516.0	8.00	26.7	75	N 75 E	81	2.8	116	S 64 E	
1518.0	8.00	29.9	46	N 46 E	100	2.8	117	S 63 E	
1520.0	8.00	30.1	48	N 48 E	100	2.8	116	S 64 E	
1522.0	8.00	40.3	78	N 78 E	100	2.8	117	S 63 E	
1528.0	8.00	9.5	82	N 82 E	100	2.7	118	S 62 E	
1544.0	8.00	42.1	131	S 49 E	100	2.6	117	S 63 E	
1550.0	8.00	10.5	106	S 74 E	98	2.6	117	S 63 E	
1558.0	8.00	34.5	62	N 62 E	93	2.5	119	S 61 E	
1560.0	8.00	44.4	55	N 55 E	85	2.5	119	S 61 E	
1562.0	8.00	34.4	63	N 63 E	100	2.5	119	S 61 E	
1564.0	8.00	37.8	53	N 53 E	53	2.5	120	S 60 E	
1566.0	8.00	35.4	34	N 34 E	100	2.5	120	S 60 E	
1570.0	8.00	36.4	340	N 20 W	70	2.5	120	S 60 E	
1572.0	8.00	41.8	327	N 33 W	16	2.5	122	S 58 E	
1574.0	8.00	32.7	171	S 9 E	100	2.5	122	S 58 E	
1576.0	8.00	35.1	143	S 37 E	97	2.5	122	S 58 E	
1578.0	8.00	28.8	116	S 64 E	95	2.5	122	S 58 E	
1580.0	8.00	40.2	92	S 88 E	90	2.4	122	S 58 E	
1584.0	8.00	37.9	98	S 82 E	100	2.4	122	S 58 E	
1586.0	8.00	34.9	92	S 88 E	100	2.4	122	S 58 E	
1588.0	8.00	27.3	32	N 32 E	84	2.5	123	S 57 E	

TERNECO OIL COMPANY
WELL NO. "C.C." 28-24

*3023

MIST FIELD

COLUMBIA

OREGON

11-08-86

FORMATION DIP

BOREHOLE

DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
1590.0	8.00	21.8	311	N 49 W	95	2.4	122	S 58 E
1592.0	8.00	19.4	318	N 42 W	100	2.5	123	S 57 E
1594.0	8.00	11.8	352	N 8 W	100	2.5	122	S 58 E
1596.0	8.00	12.4	0	N 0 E	100	2.4	122	S 58 E
1598.0	8.00	12.1	344	N 16 W	100	2.6	122	S 58 E
1602.0	8.00	24.1	270	N 90 W	100	2.4	122	S 58 E
1604.0	8.00	25.1	260	S 80 W	100	2.4	121	S 59 E
1606.0	8.00	31.3	260	S 80 W	62	2.4	122	S 58 E
1608.0	8.00	35.7	259	S 79 W	57	2.5	122	S 58 E
1620.0	8.00	27.9	341	N 19 W	97	2.4	123	S 57 E
1628.0	8.00	40.4	356	N 4 W	57	2.4	125	S 55 E
1636.0	8.00	48.5	350	N 10 W	79	2.3	125	S 55 E
1638.0	8.00	41.3	20	N 20 E	100	2.3	125	S 55 E
1640.0	8.00	41.8	23	N 23 E	51	2.3	125	S 55 E
1642.0	8.00	50.5	283	N 77 W	100	2.3	127	S 53 E
1644.0	8.00	39.4	308	N 52 W	83	2.3	127	S 53 E
1648.0	8.00	33.7	308	N 52 W	43	2.2	127	S 53 E
1654.0	8.00	39.9	240	S 60 W	100	2.4	130	S 50 E
1656.0	8.00	29.4	226	S 46 W	100	2.3	129	S 51 E
1660.0	8.00	27.9	217	S 37 W	100	2.1	130	S 50 E
1662.0	8.00	21.9	210	S 30 W	100	2.2	130	S 50 E
1664.0	8.00	11.6	215	S 35 W	100	2.1	131	S 49 E
1666.0	8.00	12.1	222	S 42 W	100	2.1	131	S 49 E
1668.0	8.00	11.9	220	S 40 W	100	2.1	131	S 49 E
1670.0	8.00	15.9	207	S 27 W	100	2.0	131	S 49 E
1672.0	8.00	15.7	197	S 17 W	100	2.0	132	S 48 E
1674.0	8.00	15.5	201	S 21 W	100	2.0	131	S 49 E
1678.0	8.00	14.2	206	S 26 W	100	2.1	133	S 47 E
1680.0	8.00	14.5	204	S 24 W	100	2.1	133	S 47 E
1682.0	8.00	11.8	248	S 68 W	100	2.0	132	S 48 E
1684.0	8.00	10.4	237	S 57 W	100	2.1	132	S 48 E
1686.0	8.00	10.0	241	S 61 W	100	2.0	133	S 47 E
1688.0	8.00	11.3	243	S 63 W	100	2.0	132	S 48 E
1690.0	8.00	10.9	232	S 52 W	100	2.1	130	S 50 E
1692.0	8.00	17.5	253	S 73 W	100	2.1	131	S 49 E
1694.0	8.00	21.1	225	S 45 W	100	2.1	132	S 48 E
1696.0	8.00	26.3	189	S 9 W	100	2.1	132	S 48 E
1698.0	8.00	29.4	190	S 10 W	100	2.1	132	S 48 E
1700.0	8.00	27.7	204	S 24 W	100	2.2	133	S 47 E
1702.0	8.00	29.4	205	S 29 W	100	2.2	133	S 47 E

TENNECO OIL COMPANY
 WELL NO. "C.C." 28-24

*3023

PAGE 11

MIST FIELD

COLUMBIA

OREGON

11-08-86

DEPTH	WL	**FORMATION DIP**				GRADE	****BOREHOLE****		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
1704.0	8.00	21.4	195	S 15 W	100	2.2	133	S 47 E	
1706.0	8.00	27.0	208	S 28 W	64	2.2	136	S 44 E	
1708.0	8.00	16.7	196	S 16 W	100	2.2	135	S 45 E	
1710.0	8.00	18.3	215	S 35 W	99	2.2	136	S 44 E	
1712.0	8.00	22.4	186	S 6 W	100	2.2	134	S 46 E	
1714.0	8.00	23.6	187	S 7 W	100	2.2	135	S 45 E	
1716.0	8.00	22.5	194	S 14 W	100	2.2	135	S 45 E	
1718.0	8.00	12.4	175	S 5 E	92	2.3	135	S 45 E	
1722.0	8.00	18.0	196	S 16 W	100	2.4	137	S 43 E	
1724.0	8.00	21.2	202	S 22 W	51	2.4	139	S 41 E	
1732.0	8.00	21.9	177	S 3 E	93	2.3	139	S 41 E	
1734.0	8.00	18.1	191	S 11 W	96	2.3	140	S 40 E	
1738.0	8.00	22.9	149	S 31 E	100	2.3	140	S 40 E	
1740.0	8.00	17.7	156	S 24 E	100	2.2	140	S 40 E	
1742.0	8.00	24.9	177	S 3 E	100	2.2	141	S 39 E	
1744.0	8.00	20.7	196	S 16 W	100	2.1	142	S 38 E	
1746.0	8.00	18.8	176	S 4 E	100	2.2	143	S 37 E	
1750.0	8.00	17.4	211	S 31 W	100	2.1	144	S 36 E	
1752.0	8.00	17.2	211	S 31 W	100	2.1	144	S 36 E	
1754.0	8.00	18.9	229	S 49 W	100	2.0	143	S 37 E	
1760.0	8.00	24.2	242	S 62 W	100	2.0	144	S 36 E	
1764.0	8.00	29.1	213	S 33 W	78	2.0	143	S 37 E	
1766.0	8.00	24.2	208	S 28 W	88	2.0	143	S 37 E	
1768.0	8.00	22.9	209	S 29 W	100	2.0	143	S 37 E	
1770.0	8.00	21.3	197	S 17 W	100	2.0	142	S 38 E	
1772.0	8.00	19.4	188	S 8 W	100	2.0	142	S 38 E	
1774.0	8.00	18.8	183	S 3 W	100	2.1	143	S 37 E	
1776.0	8.00	18.3	179	S 1 E	100	2.1	144	S 36 E	
1778.0	8.00	17.3	187	S 7 W	100	2.0	144	S 36 E	
1780.0	8.00	20.9	185	S 5 W	100	1.9	145	S 35 E	
1782.0	8.00	19.8	198	S 18 W	100	1.8	145	S 35 E	
1784.0	8.00	19.8	207	S 27 W	100	1.8	144	S 36 E	
1786.0	8.00	20.7	210	S 30 W	100	1.8	143	S 37 E	
1788.0	8.00	19.9	216	S 36 W	100	1.9	143	S 37 E	
1790.0	8.00	24.2	226	S 46 W	100	1.9	143	S 37 E	
1792.0	8.00	25.7	229	S 49 W	100	1.8	143	S 37 E	
1794.0	8.00	23.0	232	S 52 W	100	1.8	144	S 36 E	
1796.0	8.00	23.0	231	S 51 W	100	1.8	145	S 35 E	
1798.0	8.00	23.8	216	S 36 W	100	1.8	146	S 34 E	
1800.0	8.00	26.3	227	S 47 W	100	1.8	145	S 35 E	

TENNECO OIL COMPANY

*3023

WELL NO. "C.C." 2B-2A

MIST FIELD

COLOMBIA

OREGON

11-08-86

FORMATION DIP

BORFOLF

DEPTH	WL	ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
1806.0	8.00	15.7	183	S 3 W	100	1.8	145	S 35 E
1808.0	8.00	15.7	201	S 21 W	100	1.7	145	S 35 E
1810.0	8.00	22.5	155	S 25 E	100	1.7	143	S 37 E
1814.0	8.00	21.9	178	S 2 E	100	1.7	145	S 35 E
1816.0	8.00	17.2	200	S 20 W	100	1.7	147	S 33 E
1818.0	8.00	15.2	216	S 36 W	100	1.7	147	S 33 E
1822.0	8.00	14.3	219	S 39 W	100	1.7	144	S 36 E
1824.0	8.00	20.9	208	S 28 W	100	1.6	143	S 37 E
1828.0	8.00	21.6	208	S 28 W	100	1.7	146	S 34 E
1830.0	8.00	21.3	201	S 21 W	100	1.7	145	S 35 E
1832.0	8.00	20.6	209	S 29 W	100	1.7	142	S 38 E
1834.0	8.00	19.8	192	S 12 W	100	1.6	141	S 39 E
1836.0	8.00	18.4	199	S 19 W	100	1.7	143	S 37 E
1838.0	8.00	18.4	205	S 25 W	100	1.7	142	S 38 E
1840.0	8.00	16.0	193	S 13 W	100	1.8	142	S 38 E
1842.0	8.00	31.3	213	S 33 W	100	1.8	144	S 36 E
1846.0	8.00	24.4	249	S 69 W	100	1.8	143	S 37 E
1848.0	8.00	15.9	205	S 25 W	100	1.8	142	S 38 E
1850.0	8.00	15.5	242	S 62 W	100	1.8	140	S 40 E
1852.0	8.00	16.5	246	S 60 W	100	1.8	142	S 38 E
1854.0	8.00	21.5	198	S 18 W	100	1.8	143	S 37 E
1858.0	8.00	12.7	210	S 30 W	100	1.9	140	S 40 E
1860.0	8.00	14.3	190	S 10 W	100	1.9	141	S 39 E
1862.0	8.50	13.4	214	S 34 W	100	1.9	143	S 37 E
1864.0	8.00	20.4	196	S 16 W	100	2.0	143	S 37 E
1866.0	8.00	17.8	203	S 23 W	100	2.0	143	S 37 E
1868.0	8.00	22.3	194	S 14 W	100	2.0	144	S 36 E
1870.0	8.00	19.0	173	S 7 E	100	2.1	146	S 34 E
1872.0	8.00	18.1	173	S 7 E	100	2.0	145	S 35 E
1874.0	8.00	15.3	191	S 11 W	67	2.1	146	S 34 E
1876.0	8.00	16.3	196	S 16 W	100	2.1	147	S 33 E
1878.0	8.00	23.7	189	S 9 W	100	2.1	146	S 34 E
1880.0	8.00	23.4	186	S 6 W	100	2.1	145	S 35 E
1882.0	8.00	18.1	185	S 5 W	100	2.1	145	S 35 E
1884.0	8.00	17.7	183	S 3 W	100	2.1	145	S 35 E
1886.0	8.00	15.8	174	S 6 E	100	2.2	145	S 35 E
1888.0	8.00	20.5	189	S 9 W	100	2.2	146	S 34 E
1890.0	8.00	29.0	187	S 7 W	87	2.2	147	S 33 E
1892.0	8.00	24.8	177	S 3 E	100	2.2	148	S 32 E
1894.0	8.00	23.0	168	S 12 E	100	2.2	149	S 31 E

TENNECO OIL COMPANY
WELL NO. "C.C." 28-24
MIST FIELD
COLUMBIA
11-08-86

*3023

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OREGON

DEPTH	WL	**FORMATION DIP**				GRADE	****BOREHOLE****		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
1896.0	8.00	24.9	187	S 7 W	89	2.2	149	S 31 E	
1898.0	8.00	18.5	183	S 3 W	100	2.1	149	S 31 E	
1900.0	8.00	19.7	196	S 16 W	100	2.0	150	S 30 E	
1902.0	8.00	18.6	191	S 11 W	100	2.0	150	S 30 E	
1904.0	8.00	17.3	187	S 7 W	100	2.0	149	S 31 E	
1906.0	8.00	26.9	165	S 15 E	80	2.0	147	S 33 E	
1914.0	8.00	15.3	188	S 8 W	100	2.1	151	S 29 E	
1920.0	8.00	17.9	217	S 37 W	100	2.0	149	S 31 E	
1926.0	8.00	27.8	238	S 58 W	63	2.0	149	S 31 E	
1928.0	8.00	27.5	239	S 59 W	62	2.0	149	S 31 E	
1932.0	8.00	46.6	265	S 85 W	100	2.0	149	S 31 E	
1934.0	8.00	31.9	222	S 42 W	100	2.0	149	S 31 E	

