Schlumberger

MSD

Mean Square Dip

*A Mark of Schlumberger

1000 1300
GL04900_2

Using the following logs: FMS/GR - Run 2

COMPANY:	California Energy Company		
WELL:	Sinclair 11		
FIELD:	Salton Sea		
County:	Imperial		
State:	California		
Date Logged:	7-Oct-1995	Date Processed:	18-Oct-1995
Well Location:	1476.8 Ft W, 2450.4 Ft N From SE Cor Sec 5		
Elevations:	KB: -197ft	DF:	GL: -224ft
API Number:	025-91-251	Job Number:	13004701

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

Field Recording:	Location: Long Beach	Software Version: CP 41.001	Engineer: Mark MacGlashan
Office Recording:	ICS Center: Bakersfield	Baseline: 2.0	Log Analyst: David Rose

Mud and Borehole Measurements:

Rm @ Measured Temperature: 1.48ohm.m @ 96degF	BHT: 409degF	Bitsize: 17.5in
Rmf @ Measured Temperature: 1.07ohm.m @ 86degF	Type Fluid in Hole:	Dispersed
Rmc @ Measured Temperature: 3.07ohm.m @ 86degF	Mud Density: 9.2lbm/gal	

Remarks:

DEFINITIONS OF COMPUTATION PARAMETERS

MDEC- magnetic declination (degrees).

MODE- mode for search correlation (focalization).

1. = hole axis

2. = fixed plane given by FOCDIP and FOCAZM.

3. = a file determined by FOCFIL is used as the reference plane by zone

DECIM- number of fast channels skipped.

CORINT- correlation interval (feet).

STEP- step in ratio of CORINT.

SEARCH- search angle in degrees (if over 100 then a double search will be used).

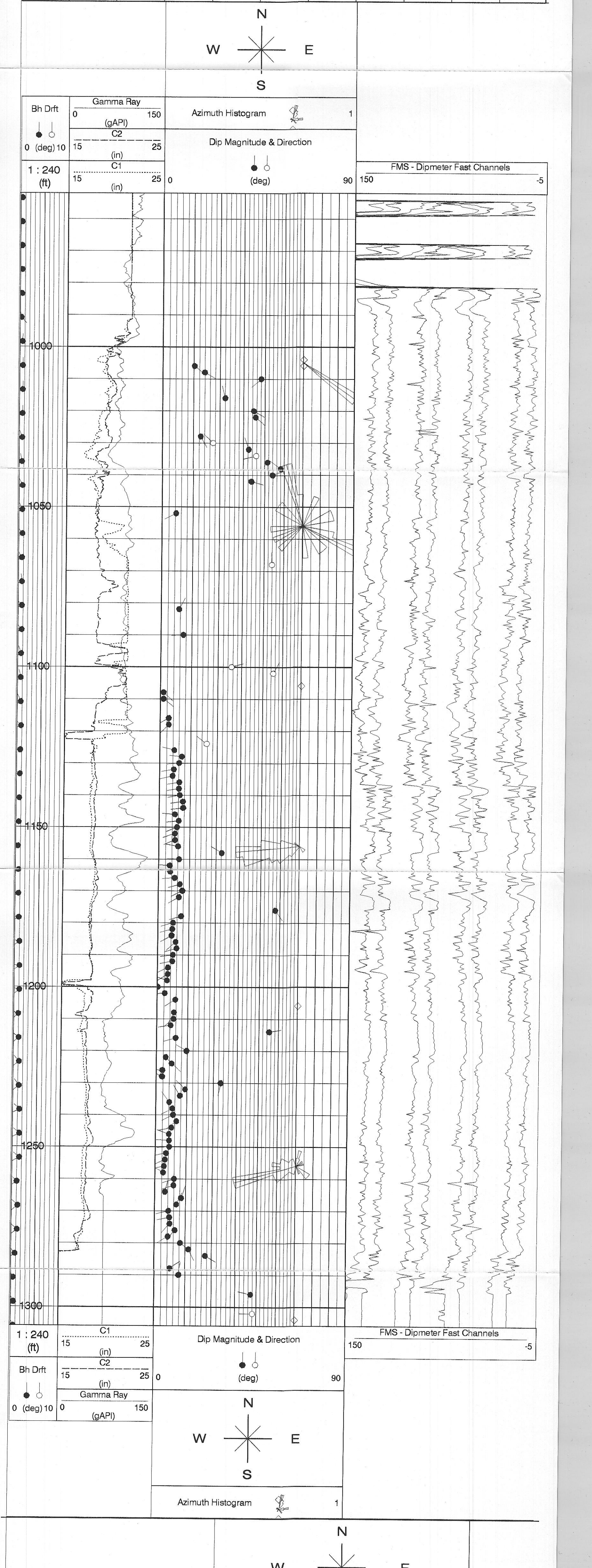
example: 140. = 40 x 2.

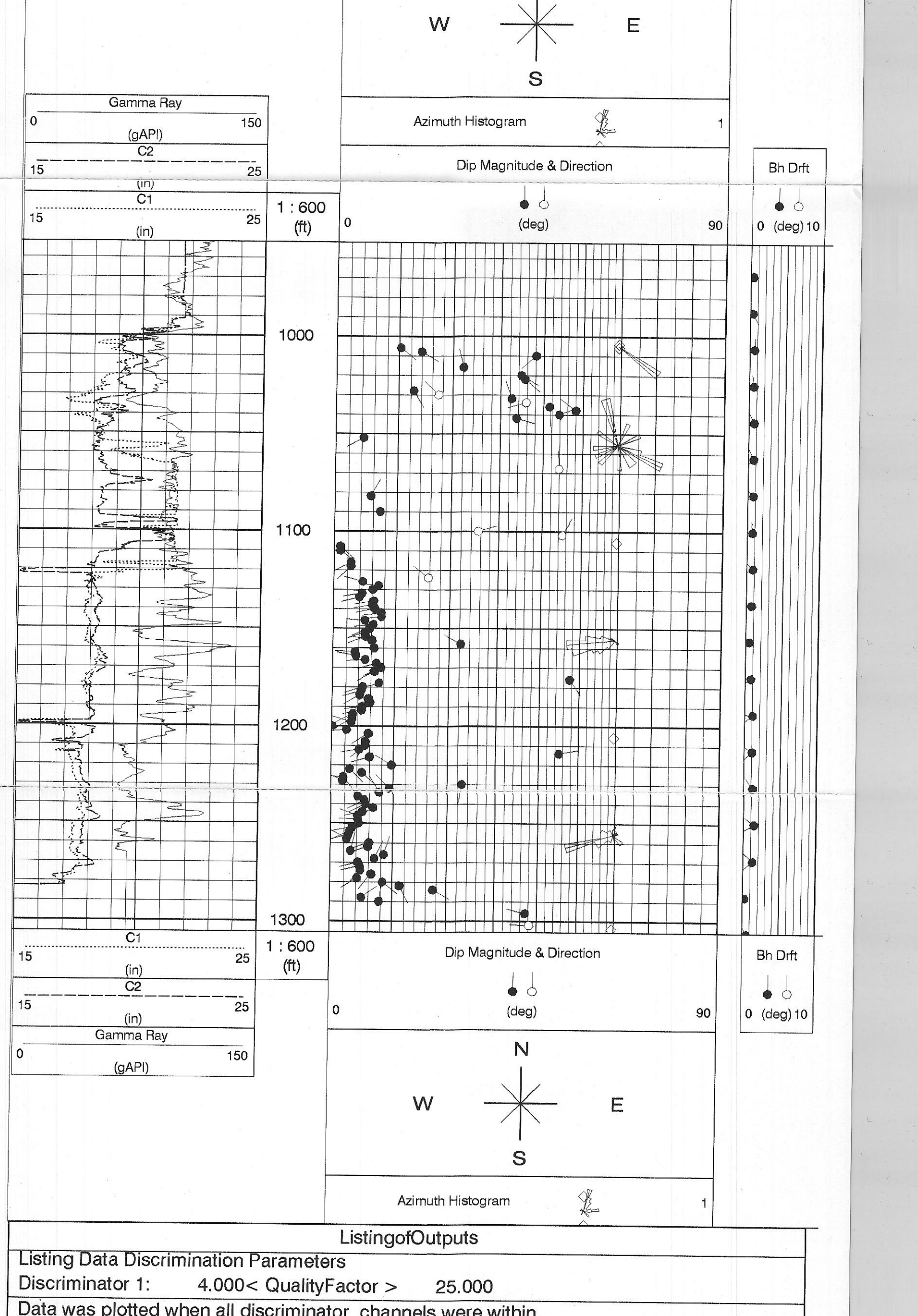
FOCDIP- search correlation is focused on this plane dip when MODE = 2.

FOCAZM- search correlation is focused along this fixed plane azimuth when MODE = 2.

FOCFIL- name of the dip focalization file that is used when MODE = 3.

DEPTH INTERVAL		MDEC	MODE	DECIM	CORINT	STEP	SEARCH	FOCDIP	FOCAZM	FOCFIL
START	STOP									
1305.99ft	952ft	13.7deg	2	-4	4ft	0.5	140deg	0deg	0deg	





ListingofOutputs

Listing Data Discrimination Parameters

Discriminator 1: 4.000< QualityFactor > 25.000

Data was plotted when all discriminator channels were within the specified values.

Zones of Data that were outside the defined value ranges were plotted as a blank line.

Listing Data was not decimated.

Depth Feet	True Dip degree	Dip Azimuth degree	Borehole Deviation degree	Borehole Azimuth degree	Pad1 Azimuth degree	Caliper 1-3 inches	Caliper 2-4 inches	Quality Index
1006.0	10.20	129.67	0.66	257.47	1.10	19.02	19.25	16.00
1008.0	13.96	119.87	0.65	254.41	0.70	18.77	19.19	16.00
1010.0	38.03	228.59	0.65	250.42	0.51	19.30	19.58	16.00
1016.0	22.04	345.67	0.67	245.99	358.36	19.32	19.67	15.00
1020.0	34.61	119.96	0.65	253.44	4.17	19.11	19.44	16.00
1022.0	35.44	130.11	0.65	254.69	3.21	18.44	19.19	14.00
1028.0	12.57	149.44	0.64	247.49	344.44	18.07	19.39	15.00
1030.0	17.17	314.18	0.66	246.46	340.71	17.85	19.59	7.00
1032.0	32.39	341.59	0.64	246.55	340.58	17.65	18.80	10.00
1034.0	35.75	256.25	0.60	248.09	343.94	17.08	18.24	4.00
1036.0	41.39	178.07	0.63	251.69	349.15	18.18	18.67	10.00
1038.0	48.01	307.07	0.65	250.37	342.15	18.67	19.13	15.00
1040.0	43.84	69.27	0.66	248.11	341.36	17.98	19.33	11.00
1042.0	33.54	105.28	0.69	247.90	335.08	17.64	18.81	15.00
1052.0	4.26	241.10	0.69	240.97	332.04	18.11	18.38	16.00
1068.0	43.86	358.53	0.74	238.82	338.52	21.51	18.53	8.00
1082.0	5.52	28.85	0.76	242.43	317.35	21.51	18.43	16.00
1090.0	7.06	267.97	0.76	240.34	318.66	21.49	18.29	17.00
1100.0	25.45	73.99	0.76	244.94	354.79	20.04	20.07	6.00
1102.0	45.00	28.59	0.65	235.57	346.67	21.25	20.66	4.00
1108.0	0.88	131.71	0.71	236.23	341.82	21.42	19.43	20.00
1110.0	0.92	128.08	0.73	239.05	338.28	21.41	19.34	20.00
1116.0	2.51	242.52	0.82	247.43	309.72	21.51	18.21	15.00
1118.0	2.55	224.37	0.86	248.99	317.40	19.95	17.97	14.00
1124.0	15.77	306.78	0.83	260.42	289.26	17.84	17.93	4.00
1126.0	4.44	284.36	0.74	271.16	295.10	17.99	18.07	20.00
1128.0	6.96	274.98	0.66	267.22	292.23	17.93	18.08	20.00
1130.0	6.04	264.47	0.63	266.44	292.45	17.86	18.19	20.00
1132.0	4.34	260.77	0.65	267.32	291.98	17.92	18.25	20.00
1134.0	3.93	256.26	0.74	260.38	289.51	18.02	18.32	20.00
1136.0	6.19	261.10	0.77	259.77	286.61	18.01	18.49	20.00
1138.0	6.06	260.47	0.70	269.99	284.63	17.78	18.38	20.00
1140.0	6.43	258.79	0.68	279.75	284.12	17.79	18.29	20.00
1142.0	7.47	262.05	0.64	270.40	280.12	17.76	18.15	20.00
1144.0	7.53	263.27	0.64	258.86	278.10	17.82	18.20	20.00
1146.0	4.86	274.42	0.69	254.74	277.27	17.91	18.28	20.00
1148.0	6.17	263.40	0.62	248.76	277.50	17.99	18.37	20.00
1150.0	5.63	248.30	0.54	245.48	278.92	17.95	18.32	20.00
1152.0	4.90	251.29	0.49	243.72	279.71	17.85	18.22	20.00
1154.0	5.01	248.39	0.48	242.83	280.98	17.91	18.16	20.00
1156.0	6.02	280.10	0.50	238.95	281.90	17.82	18.04	20.00
1158.0	22.22	300.23	0.56	238.54	282.08	17.91	18.15	17.00
1160.0	6.40	271.34	0.62	239.77	279.09	18.22	18.28	18.00
1162.0	3.31	272.96	0.67	239.21	277.67	18.34	18.41	20.00
1164.0	3.52	279.87	0.67	239.10	276.83	18.34	18.62	20.00
1166.0	5.01	266.00	0.71	239.25	274.91	18.33	18.68	20.00
1168.0	6.75	253.85	0.71	238.82	277.17	18.22	18.45	20.00
1170.0	7.55	244.01	0.71	240.12	276.65	18.24	18.60	20.00
1172.0	6.47	239.81	0.70	243.05	275.76	18.15	18.48	20.00
1176.0	47.41	144.39	0.80	241.65	276.18	17.86	18.06	18.00
1178.0	7.29	254.81	0.85	241.03	275.90	17.85	18.01	20.00
1180.0	4.67	252.36	0.90	236.66	278.98	17.89	17.88	20.00
1182.0	4.39	254.60	0.92	234.73	279.26	17.84	18.02	20.00
1184.0	4.21	239.46	0.98	233.71	279.93	17.87	18.00	20.00
1186.0	5.56	229.28	1.05	234.20	278.18	18.01	18.10	20.00
1188.0	5.87	253.74	1.06	233.16	277.03	18.06	18.14	20.00
1190.0	4.66	261.35	1.07	234.18	276.00	17.84	17.89	20.00
1192.0	4.51	259.63	1.07	234.52	274.28	18.08	17.97	20.00
1194.0	3.12	244.20	1.11	233.68	272.25	18.21	18.22	20.00
1196.0	3.04	236.66	1.15	233.13	270.50	18.15	18.19	20.00
1198.0	2.88	286.62	1.15	231.74	269.03	18.00	18.07	20.00
1200.0	0.12	277.53	1.15	234.34	279.67	16.43	17.54	20.00
1202.0	2.20	265.81	1.10	232.65	282.89	17.27	18.27	18.00
1204.0	5.68	238.82	1.04	229.89	282.19	17.39	18.17	20.00
1208.0	5.23	206.84	0.93	227.16	285.67	17.00	17.13	20.00
1210.0	5.17	230.40	1.02	227.99	288.83	17.26	17.64	20.00
1212.0	4.24	260.74	1.11	229.73	299.07	17.07	17.73	20.00
1214.0	45.00	79.92	1.11	229.87	305.43	16.67	17.05	16.00
1216.0	5.93	254.56	1.09	228.56	305.01	17.22	17.63	17.00
1220.0	9.63	300.54	1.14	227.86	312.13	17.37	17.70	19.00
1222.0	2.76	134.42	1.20	230.48	315.54	17.36	17.66	19.00
1224.0	4.70	130.57	1.25	232.79	317.86	17.40	17.69	20.00
1226.0	1.81	270.20	1.26	234.04	319.18	17.45	17.73	20.00
1228.0	1.71	290.33	1.22	232.65	324.26	17.50	17.77	20.00
1230.0	22.85	190.41	1.24	230.75	324.58	17.56	17.87	17.00
1232.0	9.28	315.37	1.29	233.62	320.56	17.70	18.07	16.00
1234.0	7.54	330.18	1.37	240.97	322.12	17.69	17.95	20.00
1236.0	4.07	323.14	1.44	244.46	315.00	17.67	17.88	20.00
1238.0	5.09	242.42	1.44	244.29	314.66	17.67	17.88	19.00
1240.0	5.34	243.37	1.44	243.93	314.81	17.64	17.91	20.00
1242.0	6.52	233.99	1.46	244.43	314.54	17.74	18.15	20.00
1244.0	4.85	257.04	1.49	244.03	312.88	17.55	17.88	20.00
1246.0	4.07	289.29	1.46	243.05	310.25	17.78	18.29	20.00
1248.0	4.14	272.36	1.41	242.18	310.12	17.85	18.47	20.00
1250.0	4.26	266.72	1.43	242.84	309.29	17.55	17.93	20.00
1252.0	3.22	258.89	1.49	243.22	308.77	17.37	17.75	20.00
1254.0	2.86	244.65	1.48	241.48	309.70	17.39	17.78	20.00
1256.0	2.59	256.85	1.37	239.08	310.87	17.36	17.74	20.00
1258.0	2.40	297.60	1.17	237.17	312.35	17.29	17.73	20.00
1260.0	5.95	250.87	1.06	235.62	310.98	17.37	17.84	20.00
1262.0	5.78	250.92	1.08	232.89	312.96	17.33	17.70	20.00
1264.0	3.02	14.07	1.15	230.25	312.83	17.29	17.60	19.00
1266.0	8.42	18.45	1.25	229.21	312.80	17.34	17.59	20.00
1268.0	6.86	25.79	1.27	230.50	312.57	17.59	17.84	20.00
1270.0	4.21	255.96	1.29	230.80	312.70	17.64	18.10	20.00
1272.0	4.51	257.49	1.32	231.06	312.73	17.66	18.28	20.00
1274.0	4.64	222.03	1.29	232.17	313.33	17.50	17.48	20.00
1276.0	6.37	219.43	1.23	233.31	311.05	17.50	17.37	20.00
1278.0	4.11	238.26	1.24	234.86	307.22	17.13	16.55	20.00
1280.0	8.25	128.28	1.21	235.04	305.49	16.94	16.81	14.00
1282.0	11.18	152.65	1.06	234.09	304.30	16.76	17.03	15.00
1284.0	17.34	120.37	0.69	234.57	329.46	9.19	7.85	10.00
1288.0	4.82	55.07	0.30	242.52	332.75	7.52	5.88	11.00
1290.0	7.69	8.46	0.41	236.94	330.03	8.67	6.11	11.00
1296.0	37.12	282.39	0.55	219.09	332.92	8.76	6.09	14.00
1302.0	38.08	270.11	0.58	219.31	332.95	8.76	6.09	6.00
Depth Feet	True Dip degree	Dip Azimuth degree	Borehole Deviation degree	Borehole Azimuth degree	Pad1 Azimuth degree	Caliper 1-3 inches	Caliper 2-4 inches	Quality Index

Company:	California Energy Company		
Well:	Sinclair 11		
FIELD:	Salton Sea		
County:	Imperial		
State:	California		
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