

SCHLUMBERGER DIRECTIONAL SURVEY

INTEGRATION PROGRAM FOR 6050

H.N.G. OIL COMPANY
VANCE 30 NO. 3
RUN NO. ONEDOLLARHIDE DEVONIAN
LEA COUNTY, NEW MEXICO
06-22-72

START DEPTH OF SURVEY IS 6500 FT.

DEPTH	DRIFT	AZM	H.D.	TRUE DEPTH	X	Y	SUMX	SUMY
6500	3.0	97	.00	6495.46	.00	.00	155.21	-2.91
6512	3.0	97	.63	6507.44	.62	-.08	155.83	-2.99
6522	2.9	96	.51	6517.43	.50	-.05	156.34	-3.04
6532	3.0	96	.52	6527.42	.52	-.05	156.86	-3.09
6542	2.9	97	.51	6537.40	.50	-.06	157.36	-3.16
6552	2.9	98	.51	6547.39	.50	-.07	157.86	-3.23
6562	2.9	99	.51	6557.38	.50	-.08	158.36	-3.31
6572	2.7	98	.47	6567.37	.47	-.07	158.83	-3.37
6582	2.7	98	.47	6577.36	.47	-.07	159.29	-3.44
6592	2.7	104	.47	6587.35	.46	-.11	159.75	-3.55
6602	2.7	104	.47	6597.33	.46	-.11	160.21	-3.66
6612	2.7	104	.47	6607.32	.46	-.11	160.66	-3.78
6622	2.7	110	.47	6617.31	.44	-.16	161.11	-3.94
6632	2.7	119	.47	6627.30	.41	-.23	161.52	-4.17
6642	2.7	116	.47	6637.29	.42	-.21	161.94	-4.37
6652	2.6	119	.45	6647.28	.40	-.22	162.34	-4.59
6662	2.7	118	.47	6657.27	.42	-.22	162.75	-4.82
6672	2.6	118	.45	6667.26	.40	-.21	163.16	-5.03
6682	2.6	118	.45	6677.25	.40	-.21	163.56	-5.24
6692	2.6	114	.45	6687.24	.41	-.18	163.97	-5.43
6702	2.6	117	.49	6697.23	.44	-.22	164.41	-5.65
6712	2.7	115	.47	6707.21	.43	-.20	164.83	-5.85
6722	2.7	116	.47	6717.20	.42	-.21	165.26	-6.05
6732	2.7	113	.47	6727.19	.43	-.18	165.69	-6.24
6744	2.6	105	.59	6739.18	.57	-.15	166.26	-6.39
6752	2.6	105	.59	6747.17	.58	-.10	166.63	-6.49
6762	2.6	102	.49	6757.16	.48	-.10	167.11	-6.59
6772	2.6	101	.49	6767.14	.48	-.09	167.59	-6.68
6782	2.6	100	.49	6777.13	.48	-.08	168.07	-6.77
6792	2.6	101	.49	6787.12	.48	-.09	168.55	-6.86
6804	2.6	98	.59	6799.11	.58	-.08	169.13	-6.94
6812	2.6	103	.59	6807.10	.58	-.09	169.51	-7.03
6822	2.7	100	.47	6817.09	.46	-.08	169.98	-7.11
6832	2.7	104	.47	6827.07	.46	-.11	170.43	-7.23
6842	2.7	106	.47	6837.06	.45	-.13	170.89	-7.36
6852	2.6	107	.49	6847.05	.47	-.14	171.35	-7.50
6862	2.6	109	.49	6857.04	.46	-.16	171.82	-7.66
6872	2.6	114	.49	6867.03	.45	-.20	172.26	-7.86
6882	2.6	114	.49	6877.02	.45	-.20	172.71	-8.06

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6892	2.8	112	.49	6887.00	.45	-.18	173.16	-8.24
6902	2.8	116	.49	6896.99	.44	-.21	173.60	-8.45
6912	2.9	113	.51	6906.98	.47	-.20	174.07	-8.65
6922	2.9	108	.51	6916.97	.48	-.16	174.55	-8.81
6932	2.8	107	.49	6926.95	.47	-.14	175.01	-8.95
6942	2.8	107	.49	6936.94	.47	-.14	175.48	-9.09
6952	2.8	101	.49	6946.93	.48	-.09	175.96	-9.19
6962	2.7	98	.47	6956.92	.47	-.07	176.43	-9.25
6972	2.7	100	.47	6966.91	.46	-.08	176.89	-9.33
6982	2.7	98	.47	6976.90	.47	-.07	177.36	-9.40
6992	2.6	96	.45	6986.89	.45	-.05	177.81	-9.45
7002	2.6	96	.45	6996.88	.45	-.05	178.26	-9.50
7012	2.6	99	.45	7006.87	.45	-.07	178.71	-9.57
7022	2.6	98	.45	7016.86	.45	-.06	179.16	-9.63
7032	2.5	103	.44	7026.85	.43	-.10	179.58	-9.73
7042	2.5	103	.44	7036.84	.43	-.10	180.01	-9.83
7052	2.5	100	.44	7046.83	.43	-.08	180.44	-9.90
7062	2.5	97	.44	7056.82	.43	-.05	180.87	-9.95
7072	2.4	97	.42	7066.81	.42	-.05	181.29	-10.01
7082	2.4	98	.42	7076.80	.41	-.06	181.70	-10.06
7092	2.4	101	.42	7086.79	.41	-.08	182.11	-10.14
7102	2.3	102	.40	7096.78	.39	-.08	182.50	-10.23
7112	2.4	98	.42	7106.77	.41	-.06	182.92	-10.29
7122	2.4	97	.42	7116.77	.42	-.05	183.33	-10.34
7132	2.3	100	.40	7126.76	.40	-.07	183.73	-10.41
7142	2.4	101	.42	7136.75	.41	-.08	184.14	-10.49
7152	2.3	98	.40	7146.74	.40	-.06	184.54	-10.54
7162	2.2	97	.38	7156.73	.38	-.05	184.92	-10.59
7174	2.2	101	.46	7168.72	.45	-.09	185.37	-10.68
7182	2.3	99	.32	7176.72	.32	-.05	185.69	-10.73
7192	2.3	97	.40	7186.71	.40	-.05	186.09	-10.78
7202	2.2	101	.38	7196.70	.38	-.07	186.46	-10.85
7212	2.3	100	.40	7206.69	.40	-.07	186.86	-10.92
7222	2.3	98	.40	7216.69	.40	-.06	187.26	-10.97
7232	2.3	105	.40	7226.68	.39	-.10	187.64	-11.08
7242	2.3	113	.40	7236.67	.37	-.16	188.01	-11.24
7252	2.2	112	.38	7246.66	.36	-.14	188.37	-11.38
7262	2.3	111	.40	7256.66	.37	-.14	188.74	-11.52
7272	2.2	113	.38	7266.65	.35	-.15	189.10	-11.67
7284	2.3	110	.48	7278.64	.45	-.16	189.55	-11.84
7292	2.4	111	.34	7286.63	.34	-.12	189.86	-11.96
7302	2.4	106	.42	7296.62	.40	-.12	190.26	-12.07
7312	2.3	104	.40	7306.61	.39	-.10	190.65	-12.17
7322	2.3	104	.40	7316.61	.39	-.10	191.04	-12.27
7332	2.3	103	.40	7326.60	.39	-.09	191.43	-12.36
7342	2.3	101	.40	7336.59	.39	-.08	191.83	-12.43
7352	2.3	91	.40	7346.58	.40	-.01	192.23	-12.44
7362	2.2	91	.38	7356.57	.38	-.01	192.61	-12.45
7372	2.2	88	.38	7366.57	.38	.01	193.00	-12.43
7382	2.2	89	.38	7376.56	.38	.01	193.38	-12.43
7392	2.3	91	.40	7386.55	.40	-.01	193.78	-12.43
7402	2.2	92	.38	7396.54	.38	-.01	194.17	-12.45
7412	2.2	84	.38	7406.54	.38	.04	194.55	-12.41
7422	2.1	92	.37	7416.53	.37	-.01	194.91	-12.42

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7432	2.2	92	.38	7426.52	.38	-.01	195.30	-12.43
7442	2.1	94	.37	7436.52	.37	-.03	195.66	-12.46
7452	2.1	94	.37	7446.51	.37	-.03	196.03	-12.49
7462	2.2	102	.38	7456.50	.38	-.08	196.40	-12.56
7472	2.2	105	.38	7466.50	.37	-.10	196.77	-12.66
7482	2.1	104	.37	7476.49	.35	-.09	197.13	-12.75
7492	2.2	106	.38	7486.48	.37	-.11	197.50	-12.86
7502	2.1	105	.37	7496.47	.35	-.09	197.85	-12.95
7512	2.2	107	.38	7506.47	.37	-.11	198.22	-13.07
7522	2.2	103	.38	7516.46	.37	-.09	198.59	-13.15
7532	2.3	102	.40	7526.45	.39	-.08	198.99	-13.24
7542	2.2	102	.38	7536.44	.38	-.08	199.36	-13.32
7552	2.3	98	.40	7546.44	.40	-.06	199.76	-13.37
7562	2.2	91	.38	7556.43	.38	-.01	200.14	-13.38
7572	2.1	94	.37	7566.42	.37	-.03	200.51	-13.40
7582	2.4	87	.42	7576.41	.42	.02	200.93	-13.38
7592	2.7	88	.47	7586.40	.47	.02	201.40	-13.37
7602	3.4	87	.59	7596.38	.59	.03	201.99	-13.33
7612	4.2	85	.73	7606.36	.73	.06	202.72	-13.27
7622	4.8	90	.84	7616.32	.84	-.00	203.56	-13.27
7632	5.2	88	.91	7626.28	.91	.03	204.46	-13.24
7642	5.6	89	.98	7636.23	.98	.02	205.44	-13.22
7652	6.1	90	1.06	7646.18	1.06	-.00	206.50	-13.22
7662	6.7	91	1.17	7656.11	1.17	-.02	207.67	-13.24
7672	7.4	91	1.29	7666.03	1.29	-.02	208.95	-13.26
7682	7.8	91	1.36	7675.93	1.36	-.02	210.31	-13.29
7692	8.1	92	1.41	7685.83	1.41	-.05	211.72	-13.34
7702	8.5	91	1.48	7695.72	1.48	-.03	213.20	-13.36
7712	9.1	91	1.58	7705.60	1.58	-.03	214.78	-13.39
7722	9.7	92	1.68	7715.45	1.68	-.06	216.46	-13.45
7732	10.3	89	1.79	7725.29	1.79	.03	218.25	-13.42
7742	10.7	90	1.86	7735.12	1.86	-.00	220.11	-13.42
7752	11.0	93	1.91	7744.94	1.91	-.10	222.01	-13.52
7762	11.4	93	1.98	7754.74	1.97	-.10	223.99	-13.62
7772	11.6	92	2.01	7764.53	2.01	-.07	226.00	-13.69
7782	12.0	92	2.08	7774.32	2.08	-.07	228.07	-13.76
7792	12.1	91	2.10	7784.09	2.10	-.04	230.17	-13.80
7802	12.5	91	2.16	7793.85	2.16	-.04	232.33	-13.84
7812	12.7	93	2.20	7803.61	2.20	-.12	234.53	-13.95
7822	12.8	91	2.22	7813.36	2.22	-.04	236.74	-13.99
7832	13.1	92	2.27	7823.10	2.27	-.08	239.01	-14.07
7842	13.3	92	2.30	7832.83	2.30	-.08	241.31	-14.15
7852	13.8	89	2.39	7842.55	2.38	.04	243.69	-14.11
7862	14.1	87	2.44	7852.24	2.43	.13	246.13	-13.98
7872	14.2	87	2.45	7861.94	2.45	.13	248.58	-13.85
7882	14.4	88	2.49	7871.63	2.49	.09	251.06	-13.77
7892	14.5	87	2.50	7881.31	2.50	.13	253.56	-13.64
7902	14.7	85	2.54	7890.98	2.53	.22	256.09	-13.42
7912	14.8	85	2.55	7900.65	2.54	.22	258.6	