

SCIENTIFIC DRILLING INTERNATIONAL
MIDLAND, TEXAS

ORYX ENERGY COMPANY

Wellname : ORYX ENERGY COMPANY

Location :

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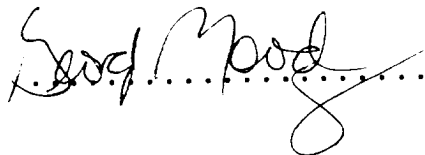
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Date Surveyed : 8-13-90

Job No. : 32M0890119

Survey Performed By : GARRY HENDRIX

This survey is correct to the best of my knowledge
and is supported by actual field data.

 COMPANY REPRESENTATIVE

SCIENTIFIC DRILLING INTERNATIONAL

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No Interpolation

MD	INC	DIR	TVD	LAT	DEP	VS	D'LEG	BUILD	TURN
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
3536	1.2 N	2.00°E	3536	7	18	13	0.0	0.0	0.0
3551	1.1 N	19.36°E	3551	7	18	13	2.4	-0.8	99.0
3644	5.1 N	2.94°E	3644	12	18	18	4.3	4.3	-17.7
3737	6.1 N	1.47°W	3736	21	18	27	1.3	1.2	-4.7
3830	6.8 N	0.54°E	3829	32	18	36	0.8	0.7	2.2
3923	6.9 N	1.47°E	3921	43	18	47	0.1	0.0	1.0
4016	6.8 N	1.28°E	4013	54	19	57	0.1	-0.1	-0.2
4109	5.2 N	4.46°E	4106	64	19	66	1.8	-1.7	3.4
4202	3.7 N	4.87°E	4199	71	20	73	1.6	-1.6	0.4
4295	3.2 N	5.07°E	4291	76	20	78	0.6	-0.6	0.2
4388	2.8 N	12.94°E	4384	81	21	83	0.6	-0.4	8.5
4481	2.2 N	17.69°E	4477	85	22	87	0.6	-0.6	5.1
4574	1.8 N	7.81°E	4570	88	23	90	0.5	-0.4	-10.6
4667	2.0 N	11.84°E	4663	91	23	93	0.2	0.1	4.3
4760	2.0 N	17.05°E	4756	94	24	96	0.2	-0.0	5.6
4853	2.0 N	17.24°E	4849	97	25	100	0.0	0.0	0.2
4946	1.5 N	27.29°E	4942	100	26	102	0.6	-0.5	10.8
5039	1.6 N	24.47°E	5035	102	27	105	0.2	0.2	-3.0
5132	1.2 N	26.81°E	5128	104	28	107	0.4	-0.4	2.5
5225	0.9 N	32.98°E	5221	106	29	109	0.3	-0.3	6.6
5318	1.3 N	40.57°E	5314	107	30	110	0.5	0.4	8.2
5411	1.4 N	20.66°E	5407	109	31	113	0.5	0.1	-21.4
5504	1.6 N	22.61°E	5500	111	32	115	0.2	0.2	2.1
5597	1.4 N	28.59°E	5593	113	33	118	0.2	-0.2	6.4
5690	1.2 N	30.82°E	5686	115	34	120	0.2	-0.2	2.4
5783	1.6 N	35.68°E	5779	117	35	122	0.4	0.4	5.2
5876	1.6 N	20.65°E	5872	119	36	124	0.4	0.0	-16.2
5969	1.6 N	27.18°E	5965	122	37	127	0.2	0.0	7.0
6062	1.1 N	45.30°E	6058	124	39	129	0.7	-0.5	19.5
6155	1.5 N	35.23°E	6151	125	40	131	0.5	0.4	-10.8
6248	1.4 N	22.33°E	6244	127	41	134	0.4	-0.1	-13.9
6341	1.3 N	31.51°E	6337	129	42	136	0.3	-0.1	9.9
6434	1.4 N	41.87°E	6430	131	43	138	0.3	0.1	11.1
6527	1.0 N	39.41°E	6523	132	45	140	0.3	-0.3	-2.6
6620	1.5 N	38.43°E	6615	134	46	142	0.5	0.5	-1.1
6713	0.9 N	33.35°E	6708	136	47	144	0.6	-0.6	-5.5
6806	0.9 N	30.00°E	6801	137	48	145	0.1	-0.0	-3.6
6899	1.2 N	22.88°E	6894	139	49	147	0.3	0.3	-7.7
6992	0.9 N	41.87°E	6987	140	50	148	0.5	-0.3	20.4
7085	1.3 N	44.63°E	7080	141	51	150	0.4	0.4	3.0

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ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
7178	1.3	N39.03°E	7173	143	52	152	0.1	0.1	-6.0
7271	1.4	N49.75°E	7266	144	54	154	0.3	0.1	11.5
7364	1.1	N48.52°E	7359	146	55	156	0.3	-0.3	-1.3
7457	1.4	N48.38°E	7452	147	57	158	0.3	0.3	-0.2
7550	1.0	N37.16°E	7545	148	58	159	0.5	-0.5	-12.1
7643	1.1	N14.09°E	7638	150	59	161	0.5	0.2	-24.8
7736	1.0	N13.28°E	7731	152	59	163	0.2	-0.2	-0.9
7829	1.3	N32.74°E	7824	153	60	165	0.6	0.4	20.9
7922	1.3	N32.69°E	7917	155	61	167	0.0	-0.0	-0.1
8015	0.9	N32.96°E	8010	157	62	169	0.4	-0.4	0.3
8108	1.2	N41.13°E	8103	158	63	170	0.3	0.3	8.8
8201	0.8	N42.22°E	8196	159	64	172	0.4	-0.4	1.2
8294	0.5	N34.22°E	8289	160	65	173	0.3	-0.3	-8.6
8387	0.8	N10.83°E	8382	161	65	174	0.4	0.3	-25.2
8480	0.8	N 0.75°W	8475	162	66	175	0.2	-0.0	-12.5

Origin of Bottom Hole Closure PLATFORM CENTRE
 Bottom Hole Closure 175 ft N21.97°E