SCOUT DOWNHOLE INC
a business unit of Turbo Drill Industries, Inc.

Provide signature page for directional survey

Well Name:	NHU 24-686	Operator:	Occidental
County:	Lea	State:	NM
Location Latitude:	32.7314237 N	Longitude:	103.2086672 W
API:	30-025-43580	GLE: 3673	KB: 3690.5

TEMP	Survey NUM	Survey MD	INC	AZM	TVD	SECT	N-S	E-W	DLS
0	Tie In	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	1	176	0.48	165.11	176.00	0.40	-0.71	0.19	0.27
63	2	361	0.48	156.23	360.99	1.34	-2.17	0.70	0.04
66	3	546	0.62	120.02	545.98	2.84	-3.38	1.88	0.20
72	4	728	0.84	128.81	727.97	5.06	-4.71	3.77	0.14
81	5	910	1.32	120.90	909.94	8.35	-6.62	6.61	0.28
90	6	1097	0.70	348.98	1096.92	9.89	-6.61	8.24	1.00
97	7	1285	0.75	349.50	1284.91	8.74	-4.27	7.80	0.03
102	8	1473	1.01	348.18	1472.88	7.32	-1.44	7.23	0.14
77	9	1633	1.05	353.37	1632.86	6.00	1.40	6.77	0.06
81	10	1759	1.19	357.59	1758.83	5.05	3.85	6.59	0.13
84	11	1884	1.63	134.61	1883.82	6.19	3.90	7.80	2.10
88	12	2009	4.04	122.48	2008.66	12.05	0.29	12.78	1.98
90	13	2135	8.53	124.59	2133.87	25.32	-7.41	24.22	3.57
93	14	2259	13.54	133.29	2255.54	47.31	-22.59	42.37	4.25
97	15	2387	18.73	129.34	2378.46	80.08	-45.91	69.19	4.14
100	16	2512	25.23	125.56	2494.32	124.28	-74.16	106.43	5.32
102	17	2638	29.67	118.61	2606.14	180.63	-104.73	155.69	4.34
104	18	2765	33.71	115.54	2714.18	246.53	-134.99	215.11	3.42
106	19	2890	36.35	111.58	2816.55	317.94	-163.58	280.87	2.79
108	20	3014	37.36	104.29	2915.81	392.20	-186.39	351.54	3.62
111	21	3140	35.65	104.38	3017.09	466.98	-204.95	424.16	1.36
113	22	3265	32.97	104.38	3120.33	537.27	-222.45	492.41	2.14
115	23	3391	32.26	105.52	3226.46	605.07	-239.96	558.02	0.75
117	24	3517	31.65	107.01	3333.37	671.71	-258.63	622.03	0.79
118	25	3643	34.81	108.24	3438.75	740.74	-279.56	687.82	2.56
122	26	3769	39.21	106.75	3539.34	816.56	-302.31	760.15	3.56
122	27	3896	40.35	108.77	3636.95	897.81	-327.11	837.52	1.36
124	28	4022	39.74	106.49	3733.41	978.86	-351.67	914.77	1.26
126	29	4146	38.90	105.96	3829.34	1057.38	-373.62	990.21	0.73
126	30	4272	38.15	105.34	3927.91	1135.78	-394.80	1065.78	0.67
126	31	4397	35.82	106.13	4027.75	1210.90	-415.17	1138.16	1.90
124	32	4522	33.23	105.43	4130.73	1281.68	-434.45	1206.32	2.10
124	33	4648	31.69	103.67	4237.04	1349.16	-451.46	1271.77	1.43
117	34	4774	29.10	102.88	4345.72	1412.67	-466.11	1333.80	2.08
118	35	4899	24.66	102.44	4457.18	1468.90	-478.51	1388.93	3.56
118	36	4990	22.02	102.00	4540.73	1504.76	-486.15	1424.16	2.91
118	37	5020	22.24	102.53	4568.52	1516.00	-488.55	1435.20	0.99
	TD	5087	22.24	102.53	4630.54	1541.23	-494.05	1459.96	0.00