

RECORD OF SURVEY

**DAVID H. ARRINGTON OIL & GAS
MAY FLY 14 STATE COM NO. 9
LEA COUNTY, NEW MEXICO**

P-14-165-35e SUR: 755/S & 1057/E
30-025-35029 BHL: 254/S & 1051/E

**BAKER HUGHES *INTEQ*
WEST TEXAS DISTRICT**

July 19, 2000



INTEQ

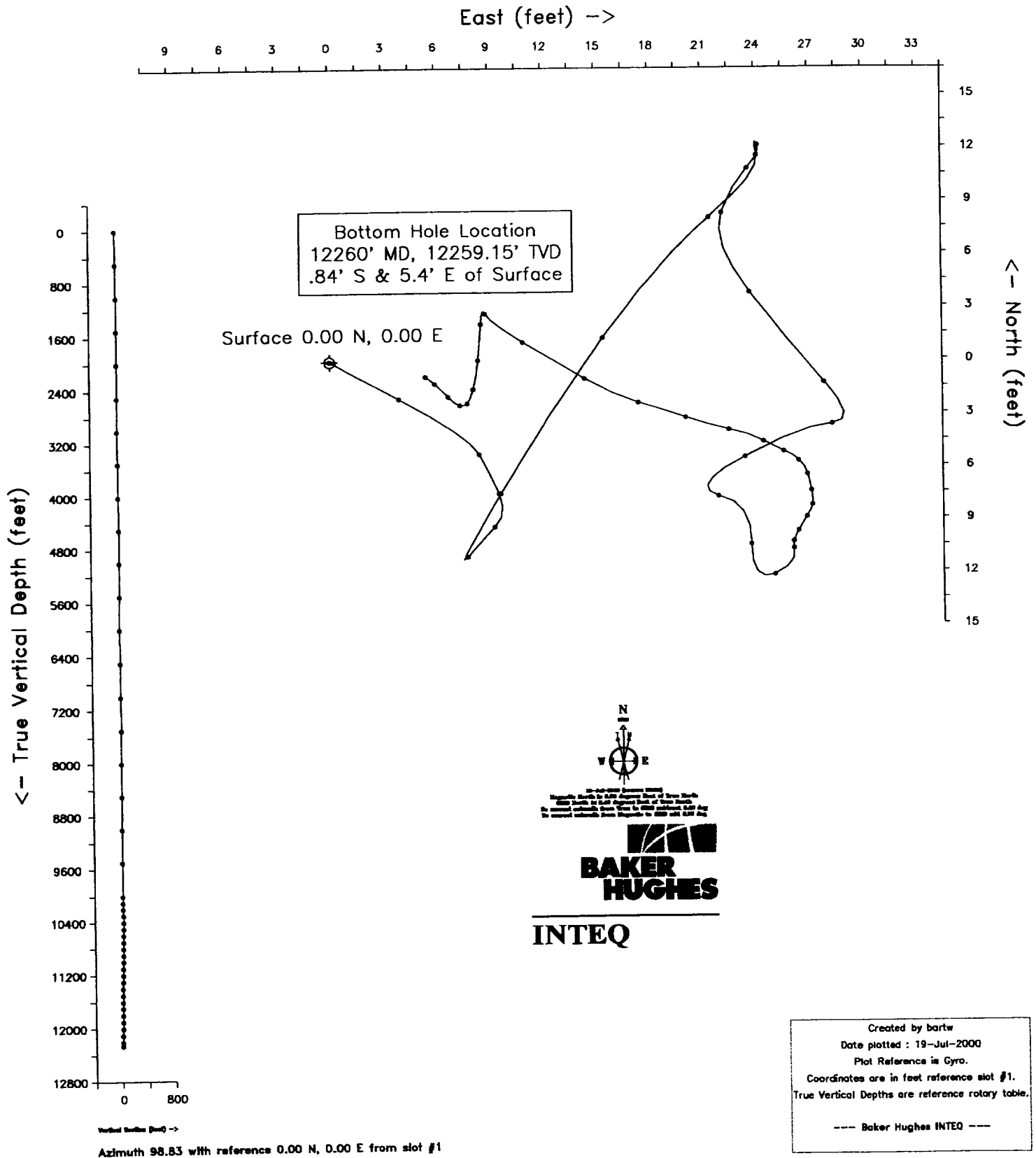
David H. Arrington Oil & Gas, Inc.

Structure : May Fly 14 State Com No. 9

Slot : slot #1

Field :

Location : LEA COUNTY, NEW MEXICO



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1000
1000

David H. Arrington Oil & Gas, Inc.
May Fly 14 State Com No. 9

slot #1

LEA COUNTY, NEW MEXICO

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref : Gyro
Our ref : svy1427
License :

Date printed : 19-Jul-2000
Date created : 19-Jul-2000
Last revised : 19-Jul-2000

Field is centred on n32 58 13.100,w103 14 15.6
Structure is centred on 779477.000,698415.000,999.00000,N

Slot location is n32 55 0.127,w103 25 21.425
Slot Grid coordinates are N 698415.000, E 779477.000
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866
Reference North is Grid North

David H. Arrington Oil & Gas, Inc.
May Fly 14 State Com No. 9, slot #1
, LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 1
Your ref : Gyro
Last revised : 19-Jul-2000

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
500.00	1.01	118.33	499.97	2.10 S	3.89 E	4.16
1000.00	0.29	150.12	999.94	5.27 S	8.40 E	9.11
1500.00	0.29	157.54	1499.93	7.52 S	9.50 E	10.54
2000.00	0.23	225.23	1999.93	9.41 S	9.26 E	10.59
2500.00	0.28	220.31	2499.92	11.08 S	7.73 E	9.33
3000.00	1.21	30.75	2999.89	7.50 S	9.61 E	10.65
3500.00	1.21	36.28	3499.78	1.26 N	15.42 E	15.04
4000.00	0.88	49.27	3999.70	8.02 N	21.45 E	19.97
4500.00	0.23	348.34	4499.68	11.54 N	24.16 E	22.11
5000.00	0.11	150.60	4999.68	12.11 N	24.20 E	22.06
5500.00	0.27	223.53	5499.67	10.81 N	23.62 E	21.68
6000.00	0.41	199.59	5999.66	8.27 N	22.20 E	20.67
6500.00	0.80	143.23	6499.64	3.79 N	23.71 E	22.84
7000.00	0.70	138.02	6999.60	1.28 S	27.84 E	27.71
7500.00	0.36	266.70	7499.58	3.63 S	28.29 E	28.51
8000.00	0.86	242.05	7999.55	5.48 S	23.39 E	23.95
8500.00	0.43	104.09	8499.54	7.70 S	21.89 E	22.81
9000.00	0.53	180.28	8999.52	10.47 S	23.70 E	25.03
9500.00	0.33	65.86	9499.52	12.20 S	24.99 E	26.57
10000.00	0.21	346.14	9999.51	10.72 S	26.06 E	27.40
10100.00	0.27	12.26	10099.51	10.30 S	26.07 E	27.34
10200.00	0.51	31.01	10199.51	9.70 S	26.35 E	27.52
10300.00	0.55	33.85	10299.51	8.92 S	26.84 E	27.89
10400.00	0.34	8.89	10399.50	8.23 S	27.15 E	28.09

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 5.47 on azimuth 98.83 degrees from wellhead.
Vertical section is from wellhead on azimuth 98.83 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

1000
1000
1000

David H. Arrington Oil & Gas, Inc.
May Fly 14 State Com No. 9, slot #1
, LEA COUNTY, NEW MEXICO

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
10500.00	0.57	350.07	10499.50	7.44 S 27.11 E	0.27	27.93
10600.00	0.53	342.42	10599.49	6.51 S 26.89 E	0.09	27.57
10700.00	0.57	313.31	10699.49	5.73 S 26.39 E	0.28	26.95
10800.00	0.59	292.75	10799.49	5.19 S 25.55 E	0.21	26.05
10900.00	0.90	299.92	10899.48	4.60 S 24.40 E	0.32	24.82
11000.00	1.45	283.05	10999.46	3.93 S 22.49 E	0.65	22.83
11100.00	1.45	289.42	11099.42	3.22 S 20.06 E	0.16	20.32
11200.00	1.76	286.72	11199.38	2.36 S 17.40 E	0.32	17.56
11300.00	2.06	300.36	11299.33	1.01 S 14.38 E	0.54	14.36
11400.00	2.56	301.08	11399.25	1.05 N 10.92 E	0.50	10.63
11500.00	0.57	334.84	11499.21	2.65 N 8.80 E	2.11	8.29
11600.00	1.18	182.85	11599.20	2.07 N 8.54 E	1.70	8.12
11700.00	1.16	186.01	11699.18	0.03 N 8.38 E	0.07	8.27
11800.00	0.74	196.76	11799.17	1.59 S 8.09 E	0.46	8.23
11900.00	0.24	221.34	11899.16	2.37 S 7.76 E	0.53	8.03
12000.00	0.34	283.16	11999.16	2.45 S 7.34 E	0.31	7.63
12100.00	0.63	316.31	12099.16	1.99 S 6.68 E	0.39	6.90
12200.00	0.58	311.58	12199.15	1.25 S 5.92 E	0.07	6.04
12260.00	0.68	306.64	12259.15	0.84 S 5.40 E	0.18	5.47

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Calculation uses the minimum curvature method.
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Received
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