

David H. Arrington Oil & Gas, Inc.

Structure : May Fly 14 State Com No.4

Slot : slot #1

Field :

Location : LEA COUNTY, NEW MEXICO

Surf. E. 14.165.35e
1651/N 4 371/W
30.025 - 34865



INTEQ



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of Baker Hughes Services Corporation
This document is not to be used for any other purpose
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BHL: L-14.165.35e
2678/N 4 403/W

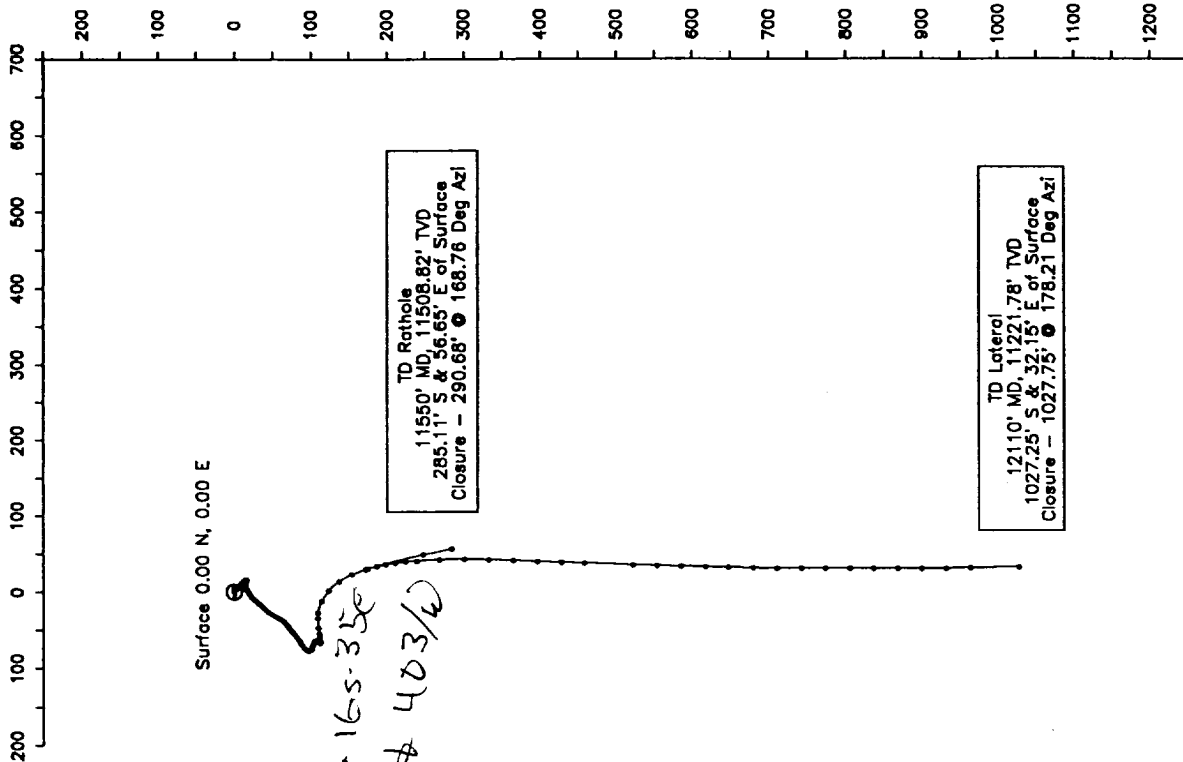
Surface 0.00 N, 0.00 E

TD Rathole
11550' MD, 11508.82' TVD
285.11' S & 56.65' E of Surface
Closure - 290.88' @ 168.76 Deg Azi

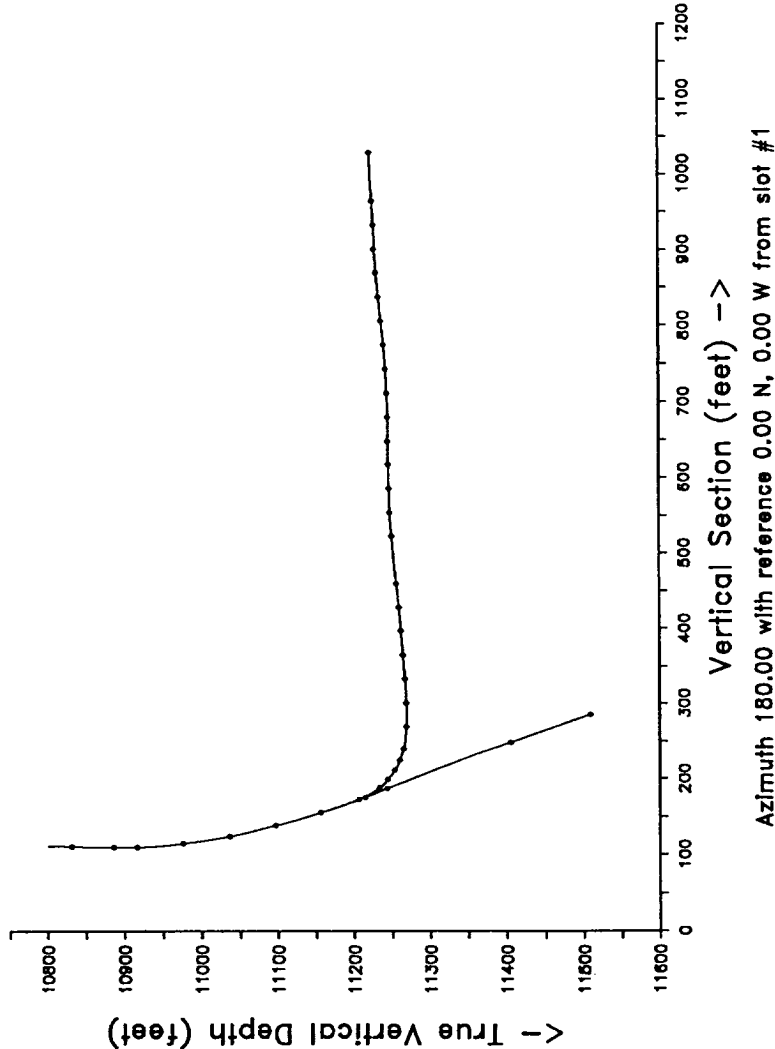
TD Lateral
12110' MD, 11221.78' TVD
1027.25' S & 32.15' E of Surface
Closure - 1027.75' @ 178.21 Deg Azi

East (feet) ->

South (feet) ->



Created by bntw
Date plotted : 22-Mar-2000
Plot Reference is Lateral
Coordinates are in feet reference slot #1.
True Vertical Depths are reference rotary table.
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Azimuth 180.00 with reference 0.00 N, 0.00 W from slot #1

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May Fly 14 State Com No.4

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/SS/MWD
Our ref : svy1363
License :

Date printed : 22-Mar-2000
Date created : 22-Feb-2000
Last revised : 22-Mar-2000

Field is centred on n32 58 13.100,w103 14 15.6
Structure is centred on 775610.000,701270.000,999.00000,N

Slot location is n32 55 28.702,w103 26 6.499
Slot Grid coordinates are N 701270.000, E 775610.000
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

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 May Fly 14 State Com No.4, slot #1
 , LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 1
 Your ref : Gyro/SS/MWD
 Last revised : 22-Mar-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
100.00	0.29	112.34	100.00	0.10 S	0.23 E	0.10
200.00	0.62	127.11	200.00	0.52 S	0.90 E	0.52
300.00	0.54	145.52	299.99	1.23 S	1.60 E	1.23
400.00	1.06	130.09	399.98	2.21 S	2.57 E	2.21
500.00	1.39	139.58	499.96	3.73 S	4.07 E	3.73
600.00	1.35	127.79	599.93	5.38 S	5.78 E	5.38
700.00	1.15	126.02	699.91	6.69 S	7.53 E	6.69
800.00	1.04	134.96	799.89	7.92 S	8.98 E	7.92
900.00	1.00	124.62	899.87	9.06 S	10.33 E	9.06
1000.00	0.87	139.30	999.86	10.12 S	11.54 E	10.12
1100.00	0.93	137.85	1099.85	11.30 S	12.58 E	11.30
1200.00	0.73	147.85	1199.84	12.44 S	13.47 E	12.44
1300.00	0.72	134.51	1299.83	13.43 S	14.26 E	13.43
1400.00	0.60	127.44	1399.82	14.19 S	15.13 E	14.19
1500.00	0.32	143.71	1499.82	14.74 S	15.71 E	14.74
1600.00	0.29	166.70	1599.82	15.21 S	15.93 E	15.21
1700.00	0.29	136.00	1699.82	15.64 S	16.17 E	15.64
1800.00	0.06	140.29	1799.82	15.86 S	16.37 E	15.86
1900.00	0.24	287.52	1899.81	15.83 S	16.20 E	15.83
2000.00	0.37	269.25	1999.81	15.78 S	15.68 E	15.78
2100.00	0.54	277.82	2099.81	15.72 S	14.90 E	15.72
2200.00	0.49	287.83	2199.81	15.52 S	14.02 E	15.52
2300.00	0.58	290.48	2299.80	15.21 S	13.14 E	15.21
2400.00	0.55	282.70	2399.80	14.93 S	12.20 E	14.93

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 290.68 on azimuth 168.76 degrees from wellhead.
 Vertical section is from N 0.00 W 0.00 on azimuth 180.00 degrees.
 Calculation uses the minimum curvature method.
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