

CHESAPEAKE OPERATING, INC.
Neu Haus '14' Federal

slot #1
UNKNOWN
LEA COUNTY, NEW MEXICO

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : Plan 1
Our ref : prop4670
License :

Date printed : 4-Aug-2005
Date created : 3-Aug-2005
Last revised : 4-Aug-2005

Field is centred on n32 30 0.000,w103 30 0
Structure is centred on n32 34 38.640,w103 25 11.64

Slot location is n32 34 38.640,w103 25 11.640
Slot Grid coordinates are N 574977.689, E 781375.745
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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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	G R I D Easting	C O O R D S Northing
0.00	0.00	90.00	0.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
500.00	0.00	90.00	500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
1000.00	0.00	90.00	1000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
1500.00	0.00	90.00	1500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
2000.00	0.00	90.00	2000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
2500.00	0.00	90.00	2500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
3000.00	0.00	90.00	3000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
3500.00	0.00	90.00	3500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
4000.00	0.00	90.00	4000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
4500.00	0.00	90.00	4500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
5000.00	0.00	90.00	5000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
5500.00	0.00	90.00	5500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
6000.00	0.00	90.00	6000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
6500.00	0.00	90.00	6500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
7000.00	0.00	90.00	7000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
7500.00	0.00	90.00	7500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
8000.00	0.00	90.00	8000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
8500.00	0.00	90.00	8500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
9000.00	0.00	90.00	9000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
9500.00	0.00	90.00	9500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
10000.00	0.00	90.00	10000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
10200.00	0.00	90.00	10200.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
10300.00	2.00	270.00	10299.98	0.00S	1.75W	2.00	1.75	781374.00	574977.69
10400.00	4.00	270.00	10399.84	0.00S	6.98W	2.00	6.98	781368.77	574977.69
10500.00	6.00	270.00	10499.45	0.00S	15.69W	2.00	15.69	781360.05	574977.69
10600.00	8.00	270.00	10598.70	0.00S	27.88W	2.00	27.88	781347.86	574977.69
10700.00	10.00	270.00	10697.47	0.00S	43.52W	2.00	43.52	781332.22	574977.69
10785.64	11.71	270.00	10781.57	0.00S	59.65W	2.00	59.65	781316.09	574977.69
11000.00	11.71	270.00	10991.47	0.00N	103.17W	0.00	103.17	781272.58	574977.69
11500.00	11.71	270.00	11481.05	0.00N	204.67W	0.00	204.67	781171.07	574977.69
11946.68	11.71	270.00	11918.43	0.00N	295.35W	0.00	295.35	781080.40	574977.69
12032.32	10.00	270.00	12002.53	0.00N	311.48W	2.00	311.48	781064.27	574977.69
12132.32	8.00	270.00	12101.30	0.00N	327.12W	2.00	327.12	781048.62	574977.69
12232.32	6.00	270.00	12200.55	0.00N	339.31W	2.00	339.31	781036.44	574977.69
12332.32	4.00	270.00	12300.16	0.00N	348.02W	2.00	348.02	781027.72	574977.69
12432.32	2.00	270.00	12400.02	0.00N	353.25W	2.00	353.25	781022.49	574977.69
12532.32	0.00	270.00	12500.00	0.00N	355.00W	2.00	355.00	781020.74	574977.69
13000.00	0.00	270.00	12967.68	0.00N	355.00W	0.00	355.00	781020.74	574977.69
13332.32	0.00	270.00	13300.00	0.00N	355.00W	0.00	355.00	781020.74	574977.69

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
 Coordinates from structure and TVD from rotary table.
 Bottom hole distance is 355.00 on azimuth 270.00 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 270.00 degrees.
 Grid is mercator - New Mexico East (3001).
 Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
 Presented by Baker Hughes INTEQ

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				Comments in wellpath
				=====
MD	TVD	Rectangular Coords.		Comment
12532.32	12500.00	0.00N	355.00W	Target Morrow
13332.32	13300.00	0.00N	355.00W	TD

Targets associated with this wellpath				
=====				
Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
Target Morrow		12500.00	0.00N 355.00W	3-Aug-2005
TD		13300.00	0.00N 355.00W	3-Aug-2005