



SYSDRILL  
Closest Approach + Clearance Factor Summary Report  
Wellbore: ALICIA 12-15H-6C (PWB)

Ellipse separations are reported ONLY if BOTH wells have uncertainty data  
Only Depth and Magnetic Reference Field error terms are correlated across tie points  
Proximities beyond 2500.00ft with expansion rate of 0.00ft/1000ft are not reported  
Scan limit is calculated on CENTRE to CENTRE distance

Summary data uses Closest Approach clearance calculation for all minima  
Hole size/Casings ARE included  
Hole size/Casings are NOT subtracted from Centre-Centre distance  
Confidence limit of 95.00% / 2.80 SD.

Wellbore		
Name	Created	Last Revised
ALICIA 12-15H-6C (PWB)	3-Mar-2014	19-Aug-2014

Well		
Name	Government ID	Last Revised
ALICIA 12-15H-6C		19-Aug-2014

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
ALICIA 12-15H-6C	1233687.4952	3154939.2222	39.97353000	-104.94716000	7.37S	13.97W

Installation				
Name	Easting	Northing	Coord System Name	North Alignment
ALICIA	3154953.1896	1233694.8679	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Field				
Name	Easting	Northing	Coord System Name	North Alignment
SPINDLE	3156324.1590	1233718.6871	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Clearance Summary										
Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
ALICIA 12-15H-1N	ALICIA 12-15H-1N (PWB)	ALICIA 12-15H-1N	ALICIA	15.79	1500.00	8386.36	12.74	1505.78	3.94	12753.13
ALICIA 12-15H-5N	ALICIA 12-15H-5N (PWB)	ALICIA 12-15H-5N	ALICIA	31.59	1500.00	12753.13	28.53	1505.78	6.96	12753.13
ALICIA 12-15H-2N	ALICIA 12-15H-2N (PWB)	ALICIA 12-15H-2N	ALICIA	45.82	1500.00	12753.13	42.76	1505.78	10.95	12753.13
ALICIA 12-15H-4C	ALICIA 12-15H-4C (PWB)	ALICIA 12-15H-4C	ALICIA	61.58	1500.00	12739.28	58.53	1505.78	13.98	12753.13
Ruby #1	Ruby #1 (AWB)	Ruby #1	Offsets	68.90	1500.00	8546.16	64.13	1505.78	14.28	1571.40
ALICIA 12-15H-3N	ALICIA 12-15H-3N (PWB)	ALICIA 12-15H-3N	ALICIA	77.36	1500.00	12753.13	74.30	1505.78	15.10	12753.13
Ruby #2	Ruby #2 (AWB)	Ruby #2	Offsets	87.33	1218.00	9906.40	84.43	1218.00	23.53	9888.33
MALLO #1	MALLO #1 (AWB)	MALLO #1	Offsets	134.40	1500.00	1500.00	130.32	1505.78	32.04	1637.02
TUDEX REINHOLT #NC4	TUDEX REINHOLT #NC4 (AWB)	TUDEX REINHOLT #NC4	Offsets	747.12	12277.14	12277.14	705.32	12277.14	17.87	12277.14
DARLOW UNIT #12-16B	DARLOW UNIT #12-16B	DARLOW UNIT #12-16B	Offsets	1184.93	1500.00	8595.40	1180.17	1505.78	129.35	9346.99

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Rig and TVD's are from Rig ( Planned Datum #1 5163.0ft above Mean Sea Level )  
Vertical Section is from 0.00N 0.00E on azimuth 349.660 degrees  
Prepared by Integrated Petroleum Technologies, Inc.  
Date Printed: 19-Aug-2014



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(AWB)										
W MORRISO N 24-1 #3	W MORRISON 24-1 #3 (AWB)	MORRISO N 24-1 #3	Offsets	1275.29	12753.13	12753.13	1232.78	12753.13	30.00	12753.13
AFTON 12-16H-1	AFTON 12-16H-1 (PWB)	Slot #1	AFTON	1297.83	7230.85	7230.85	1280.38	7230.00	19.43	12742.66
PULIS #12-8	PULIS #12-8 (AWB)	PULIS #12-8	Offsets	1312.23	1500.00	1500.00	1308.15	1505.78	180.49	5278.75
AFTON 12-16H-1	AFTON 12-16H-1 (REV 1)	Slot #1	AFTON	1359.32	1866.67	12753.13	1337.00	12753.13	18.05	12753.13
AFTON 12-16H-8	AFTON 12-16H-8 (PWB)	Slot #8	AFTON	1379.09	1833.87	1833.87	1375.36	1833.87	21.29	12753.13
AFTON 12-16H-2	AFTON 12-16H-2 (PWB)	Slot #2	AFTON	1380.10	1900.00	7404.05	1376.15	1915.89	20.02	12753.13
AFTON 12-16H-7	AFTON 12-16H-7 (PWB)	Slot #7	AFTON	1398.63	1817.46	1817.46	1394.94	1833.87	23.44	12753.13
AFTON #12-16H-3	AFTON #12-16H-3 (PWB)	Slot #3	AFTON	1416.39	1554.99	12725.38	1413.21	1571.40	26.38	12753.13
AFTON 12-16H-6	AFTON 12-16H-6 (PWB)	Slot #6	AFTON	1418.11	1398.00	1398.00	1415.16	1243.31	33.23	12753.13
BELLINGER R #12-7	BELLINGER #12-7 (AWB)	BELLINGER R #12-7	Offsets	1419.03	1500.00	1500.00	1414.93	1505.78	192.05	5245.94
AFTON #12-16H-4	AFTON #12-16H-4 Sidetrack	Slot #4	AFTON	1419.34	1472.97	12534.93	1413.13	1505.78	15.53	12627.83
AFTON #12-16H-4	AFTON #12-16H-4 Original	Slot #4	AFTON	1419.34	1472.97	8549.23	1413.13	1505.78	56.58	9576.65
AFTON #12-16H-4	AFTON #12-16H-4 (PWB)	Slot #4	AFTON	1433.00	1341.74	1341.74	1430.00	1505.78	28.33	12753.13
AFTON #12-16H-4	AFTON #12-16H-4 Ensign Plan	Slot #4	AFTON	1433.20	1500.00	1500.00	1430.15	1505.78	28.69	12753.13
AFTON 12-16H-5	AFTON 12-16H-5 (PWB)	Slot #5	AFTON	1434.08	1347.00	1347.00	1431.13	1243.31	144.77	7280.06
W MORRISO N #15-1	W MORRISON #15-1 (AWB)	MORRISO N #15-1	Offsets	1439.42	12753.13	12753.13	1388.79	12753.13	28.43	12753.13
BARKER #12-9	BARKER #12-9 (AWB)	BARKER #12-9	Offsets	1715.86	1500.00	9883.40	1711.09	1505.78	77.68	10298.43
DARLOW #12-2	DARLOW #12-2 (AWB)	DARLOW #12-2	Offsets	1741.03	1500.00	1500.00	1736.97	1505.78	251.61	5262.34
ELMS #2	ELMS #2	ELMS #2	Offsets	1897.75	11488.53	11488.53	1862.68	11495.94	52.94	11791.22

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(AWB)										
W MORRISO N #16-1	W MORRISON #16-1 (AWB)	MORRISO N #16-1	Offsets	2084.55	12753.13	12753.13	2021.24	12753.13	32.92	12753.13
W MORRISO N 33-1 #4	W MORRISON 33-1 #4 (AWB)	MORRISO N 33-1 #4	Offsets	2379.24	12753.13	12753.13	2333.97	12753.13	52.57	12753.13
TUDEX BRINK #S-2	TUDEX BRINK #S-2 (AWB)	TUDEX BRINK #S-2	Offsets	2422.17	1505.78	1505.78	2419.06	1505.78	548.48	2293.18
W MORRISO N #11-1	W MORRISON #11-1 (AWB)	MORRISO N #11-1	Offsets	2470.91	12753.13	12753.13	2424.21	12753.13	52.90	12753.13