

Wellbore Name Original Hole	Parent Wellbore Original Hole	Kick Off Depth (ftKB)	Vertical Section Direction (°)
Date 10/11/2006	Definitive? Yes	Description DEVIATION SURVEYS	Proposed? No
MD Tie In (ftKB)	TVDTie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)
		NSTie In (ft)	EWTie In (ft)

Survey Data										
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Method	Survey Company
10/16/2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/16/2006	212.00	0.75	0.00	211.99	-1.38	1.39	0.00	0.35	Incl	TOTCO
10/17/2006	292.00	0.70	141.10	291.99	-1.56	1.53	0.31	1.71	MWD	RYAN
10/17/2006	384.00	2.60	169.60	383.95	0.83	-0.96	1.04	2.19	MWD	RYAN
10/17/2006	476.00	5.30	170.60	475.72	6.90	-7.20	2.11	2.94	MWD	RYAN
10/17/2006	569.00	5.50	174.10	568.31	15.37	-15.88	3.27	0.41	MWD	RYAN
10/17/2006	663.00	6.40	184.70	661.81	24.99	-25.58	3.30	1.51	MWD	RYAN
10/17/2006	757.00	8.30	191.00	755.03	37.00	-37.46	1.58	2.19	MWD	RYAN
10/17/2006	853.00	9.50	192.10	849.87	51.80	-52.01	-1.41	1.26	MWD	RYAN
10/18/2006	947.00	12.00	187.10	942.22	69.30	-69.29	-4.24	2.84	MWD	RYAN
10/18/2006	1,042.00	13.40	182.20	1,034.89	90.15	-90.10	-5.88	1.86	MWD	RYAN
10/18/2006	1,137.00	14.80	182.90	1,127.03	113.22	-113.22	-6.92	1.48	MWD	RYAN
10/18/2006	1,232.00	16.70	185.40	1,218.46	138.97	-138.93	-8.82	2.12	MWD	RYAN
10/18/2006	1,327.00	19.30	185.00	1,308.80	168.31	-168.16	-11.47	2.74	MWD	RYAN
10/18/2006	1,422.00	21.10	188.50	1,397.96	201.10	-200.71	-15.37	2.28	MWD	RYAN
10/18/2006	1,517.00	22.80	190.30	1,486.07	236.57	-235.74	-21.19	1.92	MWD	RYAN
10/18/2006	1,612.00	21.90	186.90	1,573.94	272.67	-271.44	-26.61	1.66	MWD	RYAN
10/18/2006	1,707.00	24.00	188.90	1,661.41	309.70	-308.12	-31.73	2.36	MWD	RYAN
10/18/2006	1,802.00	23.10	188.90	1,748.50	347.63	-345.62	-37.60	0.95	MWD	RYAN
10/18/2006	1,897.00	21.10	189.20	1,836.52	383.35	-380.92	-43.22	2.11	MWD	RYAN
10/18/2006	1,991.00	19.40	187.80	1,924.70	415.87	-413.09	-48.04	1.88	MWD	RYAN
10/18/2006	2,087.00	17.50	189.20	2,015.77	446.23	-443.14	-52.51	2.03	MWD	RYAN
10/18/2006	2,182.00	16.00	188.20	2,106.73	473.60	-470.20	-56.66	1.61	MWD	RYAN
10/18/2006	2,277.00	15.70	187.10	2,198.12	499.54	-495.91	-60.12	0.45	MWD	RYAN
10/18/2006	2,368.00	14.90	186.40	2,285.90	523.55	-519.76	-62.95	0.90	MWD	RYAN
10/18/2006	2,463.00	14.20	186.10	2,377.85	547.42	-543.48	-65.55	0.74	MWD	RYAN
10/18/2006	2,558.00	13.40	185.40	2,470.10	570.07	-566.03	-67.82	0.86	MWD	RYAN
10/19/2006	2,653.00	12.40	185.40	2,562.71	591.27	-587.14	-69.82	1.05	MWD	RYAN
10/19/2006	2,748.00	11.40	185.40	2,655.66	610.86	-606.64	-71.66	1.05	MWD	RYAN
10/19/2006	2,842.00	10.40	184.30	2,747.97	628.62	-624.35	-73.17	1.09	MWD	RYAN
10/19/2006	2,905.00	10.20	187.50	2,809.95	639.88	-635.55	-74.32	0.96	MWD	RYAN
10/19/2006	2,968.00	7.80	191.70	2,872.17	649.72	-645.27	-75.92	3.95	MWD	RYAN
10/19/2006	3,062.00	3.60	205.80	2,965.69	658.87	-654.18	-78.50	4.68	MWD	RYAN
10/19/2006	3,123.00	2.30	205.80	3,026.61	661.84	-657.00	-79.86	2.13	MWD	RYAN
10/23/2006	5,910.00	2.00		5,811.68					Incl	TOTCO

30 043 38023
Surface 1840/N 660/E
BHL 2497/N 740/E
MD 5410 TVD 5812

RCVD JUN15'07
OIL CONS. DIV.
DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

[Signature]

Subscribed and sworn to me this 12 June 2007

[Signature]
Notary Public in and for San Juan County, New Mexico

My commission expires January 13, 2010