

DISTRICT I
1120 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-
Revised October 12, 2006

DISTRICT II
1300 W. Grand Avenue, Azusa, N.M. 88210

DISTRICT III
1000 E. Brown Rd., Azusa, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87508

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87508

AS DRILLED

Submit to Appropriate District Office
State Lease - 4 Co
Fee Lease - 3 Co

RCVD JUN 11 '08

☐ AMENDED REPORT

OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-34150	Well Code 72319/71599	Well Name MESA VERDE/DAKOTA	DIST. 3
Property Code 31846 36839	Property Name Rhoda Abramci	Well Number 1M	
OCED No. 217817	Operator Name CONOCO PHILLIPS, COMPANY	Elevation 5747'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
L	5	30N	11W	8	1600'	SOUTH	885'	WEST	SAN JUAN

11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
N	5	30N	11W		828	SOUTH	1687	West	SAN JUAN

Dedicated Acres 318.75 acres W/2	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this information either was a writing prepared or reviewed and signed by me or a right to do so was obtained by me or a representative of the operator.

Tracey N. Monroe
Signature Date

Tracey N. Monroe

Printed Name

18 SURVEYOR CERTIFICATION

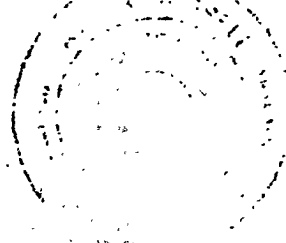
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DECEMBER 1, 2006

Date of Survey

Signature and Seal of Professional Surveyor

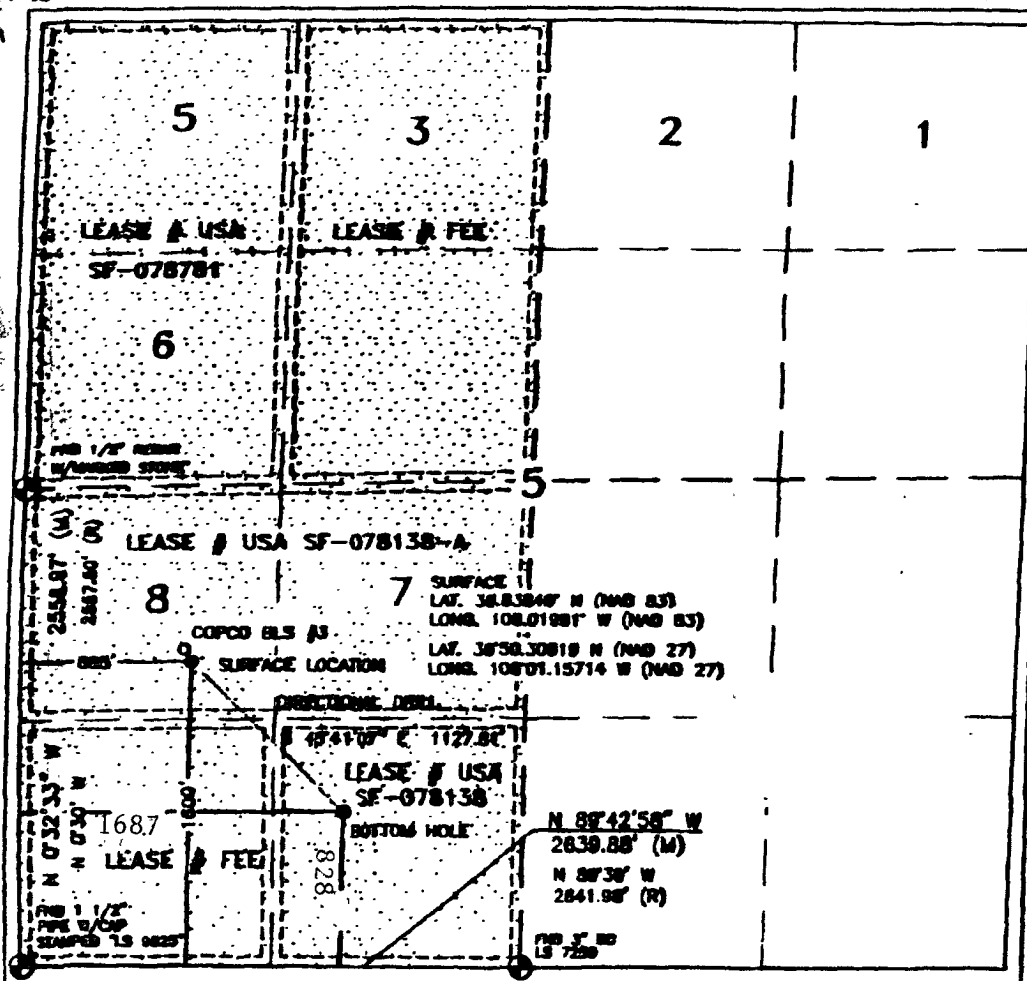
David A. Russell



DAVID RUSSELL

Certificate Number

10201



ConocoPhillips**Directional Survey
RHODA ABRAMS #1M**

Survey Data										
Date	MD (ftKB)	Incl. (°)	Azmi. (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Method	Survey Company
1/1/2008	3,910.00	10.20	133.30	3,728.02	1,072.66	-742.33	774.31	1.30	MWD	H-B
1/1/2008	3,973.00	9.60	132.00	3,790.08	1,083.49	-749.67	782.27	1.02	MWD	H-B
1/1/2008	4,035.00	8.50	131.20	3,851.31	1,093.23	-756.15	789.56	1.79	MWD	H-B
1/1/2008	4,099.00	6.50	138.40	3,914.76	1,101.57	-761.97	795.53	3.45	MWD	H-B
1/1/2008	4,161.00	4.20	149.90	3,976.49	1,107.25	-766.56	799.00	4.07	MWD	H-B
1/1/2008	4,223.00	1.70	156.60	4,038.40	1,110.28	-769.37	800.50	4.06	MWD	H-B
1/1/2008	4,271.00	1.30	161.80	4,086.39	1,111.42	-770.54	800.95	0.88	MWD	H-B
1/12/2008	7,019.00	1.00		6,833.85					FINAL BHS	PHOENIX

RCVD JUN 11 '08

OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as DIRECTING 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.

Subscribed and sworn to me this 24th DAY OF JUNE 2008

Quincy W. Morrow

Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24, 2011

Directional Survey
RHODA ABRAMS #1M

Wellbore Name Original Hole		Parent Wellbore Original Hole		Kick Off Depth (ftKB)		Vertical Section Direction (°)	
Date 12/21/2007		Definitive? No		Description DEVIATION SURVEYS		Proposed? No	
MD Tie In (ftKB)	TVD Tie 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
12/30/2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD	H & B
12/30/2007	290.00	0.40	285.00	290.00	-0.89	0.26	-0.98	0.14	MWD	H-B
12/30/2007	351.00	1.50	129.00	350.99	-0.28	-0.19	-0.56	3.07	MWD	H-B
12/30/2007	412.00	2.30	119.40	411.96	1.70	-1.29	1.12	1.41	MWD	H-B
12/30/2007	473.00	3.10	125.40	472.89	4.52	-2.85	3.53	1.39	MWD	H-B
12/30/2007	535.00	4.50	124.60	534.75	8.58	-5.20	6.90	2.26	MWD	H-B
12/30/2007	596.00	6.20	131.00	595.48	14.23	-8.72	11.36	2.95	MWD	H-B
12/30/2007	657.00	7.90	130.60	656.02	21.71	-13.61	17.03	2.79	MWD	H-B
12/30/2007	719.00	9.70	129.70	717.29	31.17	-19.72	24.28	2.91	MWD	H-B
12/30/2007	778.00	11.90	130.70	775.24	42.20	-26.86	32.72	3.74	MWD	H-B
12/30/2007	840.00	13.80	132.80	835.69	55.98	-36.05	42.99	3.16	MWD	H-B
12/30/2007	903.00	15.60	132.00	896.62	71.96	-46.83	54.80	2.88	MWD	H-B
12/30/2007	962.00	16.90	132.30	953.26	88.46	-57.91	67.04	2.21	MWD	H-B
12/30/2007	1,025.00	18.40	134.00	1,013.30	107.56	-70.98	80.97	2.52	MWD	H-B
12/30/2007	1,085.00	20.10	135.00	1,069.94	127.34	-84.85	95.07	2.89	MWD	H-B
12/30/2007	1,149.00	22.00	134.80	1,129.67	150.32	-101.07	111.35	2.97	MWD	H-B
12/30/2007	1,212.00	24.00	136.20	1,187.65	174.92	-118.64	128.60	3.29	MWD	H-B
12/30/2007	1,276.00	24.70	136.50	1,245.96	201.29	-137.73	146.81	1.11	MWD	H-B
12/30/2007	1,337.00	24.20	136.70	1,301.49	226.51	-156.07	164.16	0.83	MWD	H-B
12/30/2007	1,399.00	23.20	136.70	1,358.26	251.40	-174.21	181.25	1.61	MWD	H-B
12/30/2007	1,462.00	23.00	136.60	1,416.21	276.09	-192.18	198.22	0.32	MWD	H-B
12/30/2007	1,527.00	23.30	136.20	1,475.98	301.61	-210.69	215.84	0.52	MWD	H-B
12/30/2007	1,589.00	23.00	136.30	1,532.98	325.97	-228.30	232.69	0.49	MWD	H-B
12/30/2007	1,653.00	22.90	136.00	1,591.92	350.90	-246.29	249.98	0.24	MWD	H-B
12/30/2007	1,716.00	22.50	134.40	1,650.04	375.21	-263.55	267.11	1.17	MWD	H-B
12/30/2007	1,741.00	20.50	132.50	1,673.30	384.37	-269.85	273.76	8.47	MWD	H-B
12/30/2007	1,778.00	21.50	133.80	1,707.84	397.63	-278.92	283.43	2.98	MWD	H-B
12/30/2007	1,902.00	19.30	131.70	1,824.06	440.83	-308.28	315.13	1.87	MWD	H-B
12/30/2007	1,962.00	19.10	129.80	1,880.72	460.53	-321.16	330.08	1.09	MWD	H-B
12/30/2007	2,025.00	18.70	129.80	1,940.32	480.89	-334.23	345.75	0.63	MWD	H-B
12/30/2007	2,089.00	18.80	129.20	2,000.93	501.40	-347.31	361.63	0.34	MWD	H-B
12/30/2007	2,152.00	19.30	130.60	2,060.48	521.91	-360.50	377.40	1.08	MWD	H-B
12/30/2007	2,215.00	19.10	131.80	2,119.97	542.60	-374.15	392.99	0.70	MWD	H-B
12/30/2007	2,277.00	18.50	131.60	2,178.67	562.57	-387.44	407.91	0.97	MWD	H-B
12/30/2007	2,338.00	20.00	134.10	2,236.25	582.67	-401.13	422.64	2.81	MWD	H-B
12/30/2007	2,401.00	20.80	134.70	2,295.30	604.63	-416.49	438.32	1.31	MWD	H-B
12/30/2007	2,463.00	19.90	133.90	2,353.43	626.19	-431.55	453.75	1.52	MWD	H-B
12/30/2007	2,525.00	18.90	134.80	2,411.91	646.78	-445.94	468.48	1.68	MWD	H-B
12/30/2007	2,589.00	19.20	136.20	2,472.41	667.66	-460.84	483.12	0.85	MWD	H-B
1/1/2008	2,651.00	19.40	135.10	2,530.92	688.14	-475.50	497.45	0.67	MWD	H-B
1/1/2008	2,714.00	18.90	133.30	2,590.44	708.81	-489.91	512.26	1.23	MWD	H-B
1/1/2008	2,778.00	19.20	132.70	2,650.93	729.70	-504.15	527.53	0.56	MWD	H-B
1/1/2008	2,842.00	18.60	132.90	2,711.48	750.42	-518.24	542.75	0.94	MWD	H-B
1/1/2008	2,905.00	18.50	133.90	2,771.21	770.46	-532.01	557.31	0.53	MWD	H-B
1/1/2008	2,968.00	18.50	135.00	2,830.95	790.45	-546.00	571.58	0.55	MWD	H-B
1/1/2008	3,031.00	19.00	134.70	2,890.61	810.70	-560.29	585.93	0.81	MWD	H-B
1/1/2008	3,094.00	20.00	133.30	2,949.99	831.73	-574.89	601.07	1.75	MWD	H-B
1/1/2008	3,156.00	19.90	133.60	3,008.27	852.88	-589.44	616.42	0.23	MWD	H-B
1/1/2008	3,217.00	21.10	133.50	3,065.41	874.24	-604.15	631.91	1.97	MWD	H-B
1/1/2008	3,279.00	21.80	133.90	3,123.12	896.91	-619.82	648.30	1.15	MWD	H-B
1/1/2008	3,343.00	20.70	134.80	3,182.76	920.11	-636.03	664.89	1.79	MWD	H-B
1/1/2008	3,407.00	18.30	133.50	3,243.09	941.47	-650.92	680.20	3.81	MWD	H-B
1/1/2008	3,468.00	17.60	133.10	3,301.12	960.27	-663.81	693.88	1.17	MWD	H-B
1/1/2008	3,531.00	17.80	134.30	3,361.14	979.42	-677.05	707.73	0.66	MWD	H-B
1/1/2008	3,595.00	17.90	135.20	3,422.06	999.04	-690.86	721.66	0.46	MWD	H-B
1/1/2008	3,659.00	16.60	134.60	3,483.18	1,018.01	-704.26	735.10	2.05	MWD	H-B
1/1/2008	3,722.00	13.90	134.70	3,543.95	1,034.58	-715.90	746.89	4.29	MWD	H-B
1/1/2008	3,785.00	12.00	134.00	3,605.35	1,048.70	-725.77	756.98	3.03	MWD	H-B
1/1/2008	3,848.00	11.00	133.70	3,667.08	1,061.26	-734.47	766.04	1.59	MWD	H-B

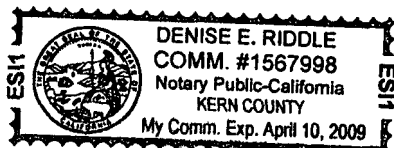


Job Number: NM07006
 Company: CONOCOPHILLIPS
 Lease/Well: RHONDA ABRAMS #1M
 Location: SECTION 5 T30N R11W
 Rig Name: AZTEC #730
 RKB: ☐
 G.L. or M.S.L.: ☐

State/Country: NM
 Declination: 10.18
 Grid: ☐
 File name: C:\WINSERVE\NM07006.SVY
 Date/Time: 07-Jan-08 / 10:58
 Curve Name: AS DRILLED

Hathaway Burnham LLC

RCVD JUN 11 '08



WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

OIL CONS. DIV.

DIST. 3

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
290.00	.40	285.00	290.00	.26	-.98	.26	1.01	285.00	.14
351.00	1.50	129.00	350.99	-.19	-.56	-.19	.59	251.77	3.07
412.00	2.30	119.40	411.96	-1.29	1.12	-1.29	1.71	138.91	1.41
473.00	3.10	125.20	472.89	-2.84	3.54	-2.84	4.54	128.76	1.38
535.00	4.50	124.60	534.75	-5.19	6.91	-5.19	8.64	126.90	2.26
596.00	6.20	131.00	595.48	-8.71	11.37	-8.71	14.32	127.46	2.95
657.00	7.90	130.60	656.02	-13.60	17.04	-13.60	21.80	128.60	2.79
719.00	9.70	129.70	717.29	-19.71	24.29	-19.71	31.28	129.05	2.91
778.00	11.90	130.70	775.24	-26.85	32.73	-26.85	42.33	129.37	3.74
840.00	13.80	132.80	835.69	-36.04	43.00	-36.04	56.11	129.97	3.16
903.00	15.60	132.00	896.62	-46.82	54.81	-46.82	72.08	130.50	2.88
962.00	16.90	132.30	953.26	-57.90	67.05	-57.90	88.59	130.81	2.21
1025.00	18.40	134.00	1013.30	-70.97	80.97	-70.97	107.67	131.23	2.52
1085.00	20.10	135.00	1069.94	-84.84	95.08	-84.84	127.43	131.74	2.89
1149.00	22.00	134.80	1129.67	-101.06	111.36	-101.06	150.38	132.22	2.97
1212.00	24.00	136.20	1187.65	-118.63	128.60	-118.63	174.96	132.69	3.29
1276.00	24.70	136.50	1245.96	-137.72	146.82	-137.72	201.30	133.17	1.11
1337.00	24.20	136.70	1301.49	-156.06	164.16	-156.06	226.51	133.55	.83
1399.00	23.20	136.70	1358.26	-174.20	181.26	-174.20	251.39	133.86	1.61
1462.00	23.00	136.60	1416.21	-192.17	198.22	-192.17	276.09	134.11	.32
1527.00	23.30	136.20	1475.98	-210.68	215.85	-210.68	301.62	134.31	.52
1589.00	23.00	136.30	1532.98	-228.29	232.70	-228.29	325.98	134.45	.49
1653.00	22.90	136.00	1591.92	-246.28	249.99	-246.28	350.93	134.57	.24
1716.00	22.50	134.40	1650.04	-263.54	267.12	-263.54	375.24	134.61	1.17

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1778.00	21.50	133.80	1707.52	-279.70	283.79	-279.70	398.46	134.58	1.65
1841.00	20.50	132.50	1766.34	-295.14	300.26	-295.14	421.03	134.51	1.75
1902.00	19.30	131.70	1823.69	-309.07	315.66	-309.07	441.77	134.40	2.02
1962.00	19.10	129.80	1880.36	-321.95	330.61	-321.95	461.47	134.24	1.09
2025.00	18.70	129.80	1939.96	-335.01	346.29	-335.01	481.81	134.05	.63
2089.00	18.80	129.20	2000.56	-348.09	362.16	-348.09	502.32	133.87	.34
2152.00	19.30	130.60	2060.11	-361.29	377.93	-361.29	522.84	133.71	1.08
2215.00	19.10	131.80	2119.61	-374.93	393.52	-374.93	543.54	133.61	.70
2277.00	18.50	131.60	2178.30	-388.22	408.44	-388.22	563.51	133.55	.97
2338.00	20.00	134.10	2235.89	-401.91	423.17	-401.91	583.61	133.52	2.81
2401.00	20.80	134.70	2294.94	-417.27	438.86	-417.27	605.57	133.56	1.31
2463.00	19.90	133.90	2353.07	-432.33	454.28	-432.33	627.13	133.58	1.52
2525.00	18.90	134.80	2411.55	-446.73	469.01	-446.73	647.72	133.61	1.68
2589.00	19.20	136.20	2472.04	-461.63	483.65	-461.63	668.59	133.67	.85
2651.00	19.40	135.10	2530.56	-476.28	497.98	-476.28	689.07	133.72	.67
2714.00	18.90	133.30	2590.07	-490.69	512.79	-490.69	709.74	133.74	1.23
2778.00	19.20	132.70	2650.57	-504.93	528.07	-504.93	730.62	133.72	.56
2842.00	18.60	132.90	2711.12	-519.02	543.28	-519.02	751.35	133.69	.94
2905.00	18.50	133.90	2770.84	-532.79	557.84	-532.79	771.39	133.68	.53
2968.00	18.50	135.00	2830.59	-546.79	572.11	-546.79	791.38	133.70	.55
3031.00	19.00	134.70	2890.25	-561.07	586.47	-561.07	811.63	133.73	.81
3094.00	20.00	133.30	2949.63	-575.67	601.60	-575.67	832.66	133.74	1.75
3156.00	19.90	133.60	3007.91	-590.22	616.95	-590.22	853.81	133.73	.23
3217.00	21.10	133.50	3065.05	-604.94	632.44	-604.94	875.17	133.73	1.97
3279.00	21.80	133.90	3122.75	-620.60	648.83	-620.60	897.84	133.73	1.15
3343.00	20.70	134.80	3182.40	-636.81	665.42	-636.81	921.04	133.74	1.79
3407.00	18.30	133.50	3242.72	-651.70	680.73	-651.70	942.40	133.75	3.81
3468.00	17.60	133.10	3300.76	-664.60	694.41	-664.60	961.20	133.74	1.17
3531.00	17.80	134.30	3360.77	-677.83	708.26	-677.83	980.35	133.74	.66
3595.00	17.90	135.20	3421.69	-691.64	722.19	-691.64	999.96	133.76	.46
3659.00	16.60	134.60	3482.81	-705.04	735.63	-705.04	1018.94	133.78	2.05
3722.00	13.90	134.70	3543.59	-716.68	747.42	-716.68	1035.51	133.80	4.29
3785.00	12.00	134.00	3604.98	-726.56	757.51	-726.56	1049.62	133.81	3.03
3848.00	11.00	133.70	3666.72	-735.26	766.57	-735.26	1062.18	133.81	1.59
3910.00	10.20	133.30	3727.66	-743.11	774.84	-743.11	1073.59	133.80	1.30
3973.00	9.60	132.00	3789.72	-750.45	782.80	-750.45	1084.42	133.79	1.02
4035.00	8.50	131.20	3850.95	-756.93	790.09	-756.93	1094.16	133.77	1.79
4099.00	6.50	138.40	3914.40	-762.75	796.06	-762.75	1102.50	133.78	3.45
4161.00	4.20	149.90	3976.13	-767.34	799.53	-767.34	1108.18	133.82	4.07
4223.00	1.70	156.60	4038.04	-770.15	801.03	-770.15	1111.21	133.87	4.06
4271.00	1.30	161.80	4086.02	-771.32	801.48	-771.32	1112.35	133.90	.88
4326.00	.80	161.80	4141.01	-772.28	801.80	-772.28	1113.24	133.93	.91