

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 344062	² Pool Code 72319	³ Pool Name BLANCO MESA VERDE
⁴ Property Code 31836	⁵ Property Name Rhoda Abrams	⁶ Well Number 2 M
⁷ GRID No. 217817	⁸ Operator Name CONOCO PHILLIPS, COMPANY	⁹ Elevation 5730'

¹⁰ Surface Location

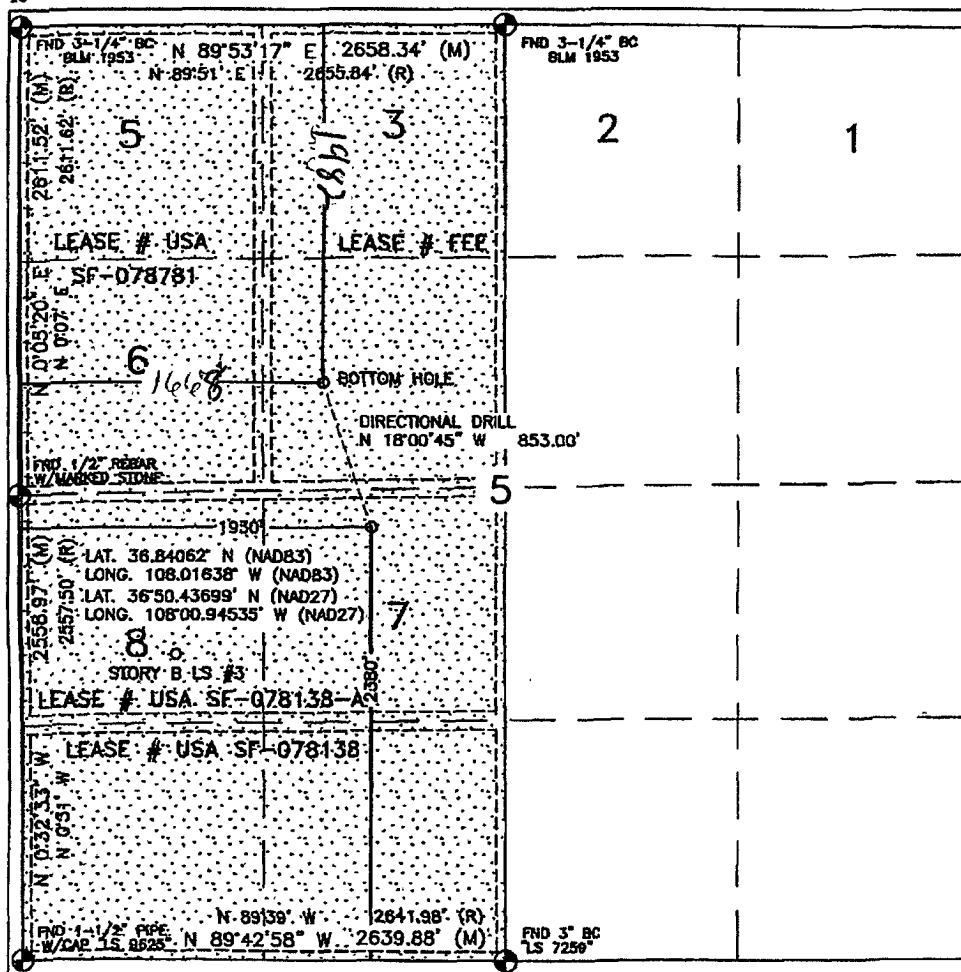
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	30N	11W	7	2380'	SOUTH	1930'	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	30N	11W		1483.78'	NORTH	1668'	WEST	SAN JUAN
¹² Dedicated Acres 315.79 acres (MV/DK) W2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

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

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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 organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling, order heretofore entered by the division.

Shonda Rogers 7-3-08
Signature Date

Shonda Rogers
Printed Name

¹⁸ SURVEYOR CERTIFICATION

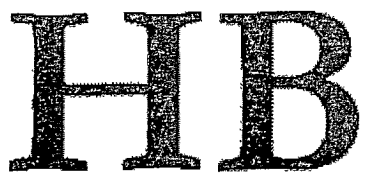
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Dec. 11, 2006
Date of Survey

Signature and Seal of Professional Surveyor:

10201
Certificate Number

8 7/9



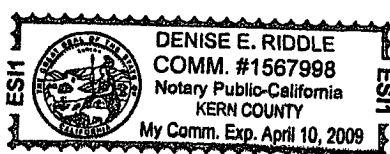
Job Number: NMO8001
Company: CONOCOPHILLIPS
Lease/Well: RHODA ABRAMS #2M
Location: SECTION 5
Rig Name: AZTEC #730
RKB:
G.L. or M.S.L.:

State/Country: NM/USA
Declination: 10.28
Grid: Referenced To True North
File name: C:\WINSERVE\NMO8007.SVY
Date/Time: 26-Feb-08 / 15:51
Curve Name: AS DRILLED

30-045-34406

Hathaway Burnham LLC

RCVD JUL 7 '08



WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 341.95
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
228.00	.60	245.40	228.00	-.50	-1.09	-.14	1.19	245.40	.26
290.00	.50	12.20	289.99	-.37	-1.32	.06	1.37	254.47	1.59
351.00	.60	.80	350.99	.21	-1.26	.59	1.28	279.52	.24
411.00	.50	18.20	410.99	.77	-1.18	1.10	1.41	303.36	.32
471.00	.60	12.70	470.99	1.33	-1.03	1.58	1.68	322.36	.19
533.00	.70	22.90	532.98	2.00	-.81	2.15	2.15	337.98	.25
593.00	.60	11.90	592.98	2.64	-.60	2.70	2.71	347.21	.27
654.00	1.10	350.90	653.97	3.53	-.63	3.55	3.59	349.94	.95
716.00	2.30	339.80	715.94	5.29	-1.15	5.38	5.41	347.73	2.00
777.00	3.70	337.80	776.86	8.26	-2.32	8.57	8.58	344.33	2.30
837.00	5.20	334.90	836.68	12.51	-4.20	13.20	13.20	341.44	2.53
900.00	6.50	337.00	899.35	18.38	-6.81	19.58	19.60	339.68	2.09
964.00	7.50	332.10	962.87	25.41	-10.18	27.31	27.37	338.17	1.82
1027.00	8.60	329.40	1025.25	33.09	-14.50	35.96	36.13	336.34	1.85
1122.00	10.20	329.00	1118.97	46.42	-22.45	51.09	51.56	334.19	1.69
1217.00	11.90	330.80	1212.20	62.18	-31.56	68.90	69.73	333.09	1.83
1311.00	13.10	332.20	1303.97	80.06	-41.25	88.91	90.07	332.74	1.32
1406.00	14.10	333.50	1396.31	99.94	-51.44	110.96	112.41	332.77	1.10
1500.00	15.20	337.00	1487.25	121.54	-61.36	134.57	136.15	333.21	1.50
1590.00	15.90	339.60	1573.96	143.95	-70.27	158.64	160.19	333.98	1.10
1683.00	16.90	341.80	1663.18	168.73	-78.93	184.89	186.28	334.93	1.27
1777.00	17.70	341.40	1752.92	195.26	-87.76	212.84	214.07	335.80	.86
1872.00	18.90	343.60	1843.12	223.71	-96.71	242.66	243.72	336.62	1.46
1967.00	20.10	344.70	1932.67	254.21	-105.36	274.35	275.18	337.49	1.32

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2061.00	20.50	347.10	2020.83	285.84	-113.30	306.88	307.47	338.38	.98
2155.00	19.80	345.80	2109.08	317.32	-120.88	339.15	339.56	339.15	.88
2248.00	18.30	344.80	2196.98	346.68	-128.57	369.45	369.75	339.65	1.65
2343.00	20.00	344.50	2286.72	376.73	-136.82	400.58	400.81	340.04	1.79
2436.00	18.50	343.80	2374.52	406.22	-145.19	431.22	431.39	340.33	1.63
2530.00	18.40	343.50	2463.69	434.77	-153.57	460.96	461.09	340.55	.15
2592.00	18.20	343.40	2522.55	453.43	-159.11	480.42	480.54	340.66	.33
2654.00	18.10	342.40	2581.47	471.89	-164.79	499.73	499.84	340.75	.53
2717.00	18.80	342.60	2641.23	490.91	-170.78	519.66	519.76	340.82	1.12
2781.00	19.40	343.90	2701.71	510.96	-176.82	540.60	540.69	340.91	1.15
2842.00	19.70	343.30	2759.19	530.54	-182.58	561.00	561.08	341.01	.59
2904.00	19.90	343.40	2817.52	550.66	-188.60	582.00	582.06	341.09	.33
2967.00	19.70	343.80	2876.80	571.13	-194.62	603.33	603.38	341.18	.38
3027.00	19.80	344.80	2933.27	590.65	-200.11	623.59	623.63	341.28	.59
3088.00	20.20	344.30	2990.59	610.76	-205.67	644.43	644.46	341.39	.71
3151.00	21.10	343.80	3049.54	632.12	-211.77	666.63	666.65	341.48	1.46
3215.00	19.50	343.20	3109.57	653.41	-218.08	688.82	688.84	341.54	2.52
3277.00	16.00	344.20	3168.61	671.55	-223.39	707.71	707.73	341.60	5.67
3341.00	13.00	341.40	3230.56	686.86	-228.09	723.73	723.74	341.63	4.81
3405.00	12.70	341.40	3292.96	700.35	-232.63	737.96	737.97	341.63	.47
3467.00	13.00	344.20	3353.41	713.52	-236.71	751.75	751.76	341.65	1.11
3530.00	13.50	344.70	3414.73	727.43	-240.58	766.17	766.18	341.70	.81
3594.00	13.60	343.80	3476.95	741.86	-244.65	781.15	781.16	341.75	.36
3656.00	12.30	343.60	3537.37	755.20	-248.54	795.04	795.04	341.78	2.10
3719.00	10.20	349.20	3599.16	767.11	-251.49	807.28	807.29	341.85	3.75
3780.00	8.40	350.30	3659.35	776.81	-253.25	817.05	817.05	341.94	2.97
3843.00	6.50	346.50	3721.82	784.82	-254.86	825.16	825.16	342.01	3.11
3906.00	5.50	345.80	3784.47	791.21	-256.43	831.73	831.73	342.04	1.59
3969.00	4.70	343.60	3847.22	796.61	-257.90	837.32	837.32	342.06	1.31
4063.00	2.50	340.70	3941.03	802.24	-259.66	843.22	843.22	342.06	2.35
4159.00	1.90	336.90	4036.96	805.68	-260.98	846.90	846.90	342.05	.64
4225.00	1.50	339.70	4102.93	807.50	-261.71	848.85	848.85	342.04	.62
Projection @ TD									
4280.00	1.20	341.82	4157.92	808.72	-262.14	850.15	850.15	342.04	.55
4375.00	.00	343.75	4252.91	809.67	-262.45	851.14	851.14	342.04	1.26
6956.00	.00	343.75	6833.91	809.67	-262.45	851.14	851.14	342.04	.00