

District I
PO Box 1990, Hobbs, NM 88241-1990

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-11
Revised February 21, 1991
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RCVD JAN 23 '08

☐ AMENDED REPORT

OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT DIST. 3

*API Number 30-045-34424		*Pool Code 71629	*Pool Name Fruitland Coal
*Property Code 18564	*Property Name KOCH STATE COM		*Well Number 100S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 5655'

10 Surface Location

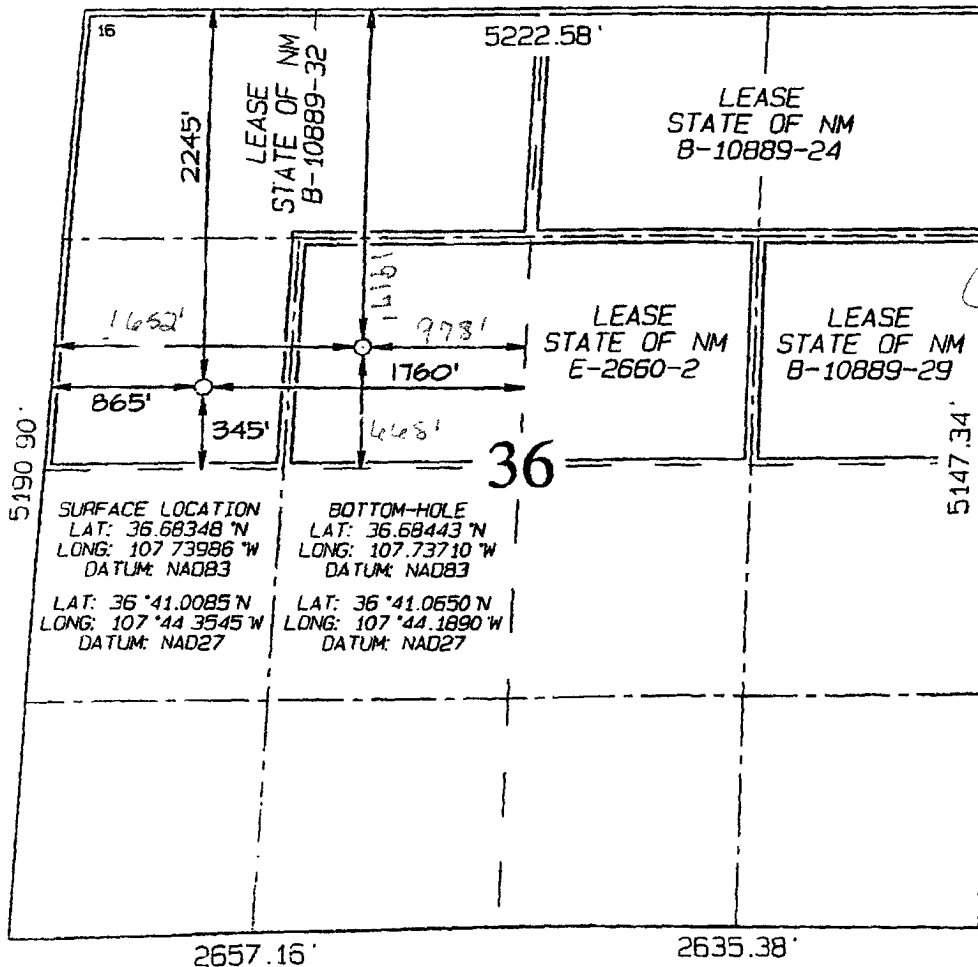
UL or lot no	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
E	36	29N	9W		2245	NORTH	865	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
F	36	29N	9W		1917'	NORTH	1652'	WEST	SAN JUAN

*Dedicated Acres	*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 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.

Signature: *Shanda Rogers* Date: 1/18/08

Printed Name: Shanda Rogers

18 SURVEYOR CERTIFICATION

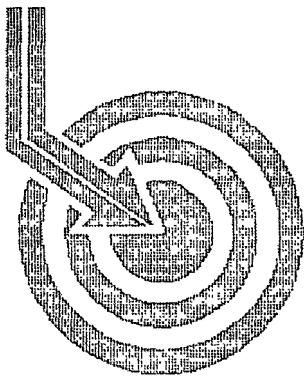
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 4/13/06

Signature and Seal of Professional Surveyor:

Jason Edwards

Certificate Number: 15269



Scientific Drilling

Handwritten: 1-28-08

CONOCOPHILLIPS

Field: Koch
Site: San Juan County, NM
Well: Koch State Com #100S
Wellpath: DH - Job #331007902
Survey: 10/08/07-10/11/07

RCVD JAN 23 '08
OIL CONS. DIV.

DIST. 3

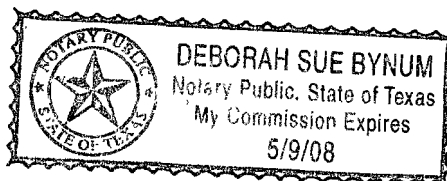
This survey is correct to the best of my knowledge
and is supported by actual field data.

Richard Company Representative

Notorized this date 27th of November, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 11/26/2007	Time: 15:16:47	Page: 1
Field: Koch	Co-ordinate(NE) Reference:	Site: San Juan County, NM, Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Koch State Com #100S	Section (VS) Reference:	Well (0.00N,0.00E,67.03Azi)	
Wellpath: DH - Job #331007902	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 10/08/07-10/11/07	Start Date: 10/08/2007
E-field 0'-2543'	
Company: Scientific Drilling Internatio	Engineer: Prejean/Kelly/Lockard/Blosser
Tool: E-field;E-field MWD	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	0.57	244.86	146.00	-0.73	-0.31	-0.66	0.39	0.73	244.86
209.00	0.71	47.86	209.00	-0.67	-0.18	-0.65	2.01	0.68	254.58
271.00	5.79	59.27	270.88	2.79	1.68	2.32	8.22	2.87	54.17
333.00	9.55	65.50	332.31	11.04	5.41	9.69	6.20	11.10	60.84
396.00	13.47	70.56	394.03	23.59	10.02	21.37	6.42	23.61	64.88
458.00	17.51	68.10	453.77	40.13	15.91	36.84	6.60	40.13	66.65
503.00	20.62	66.15	496.30	54.82	21.64	50.38	7.05	54.83	66.76
548.00	22.87	65.81	538.09	71.49	28.42	65.60	5.01	71.49	66.57
593.00	24.61	66.99	579.28	89.61	35.67	82.20	4.01	89.61	66.54
638.00	27.02	68.29	619.79	109.20	43.12	100.33	5.50	109.20	66.74
683.00	30.37	67.69	659.26	130.80	51.22	120.35	7.47	130.80	66.95
728.00	32.63	67.61	697.62	154.31	60.16	142.10	5.02	154.31	67.05
773.00	34.76	67.82	735.06	179.27	69.62	165.20	4.74	179.27	67.15
818.00	36.74	67.93	771.58	205.56	79.52	189.55	4.40	205.56	67.24
863.00	39.47	67.74	806.99	233.32	90.00	215.27	6.07	233.32	67.31
908.00	42.26	67.05	841.02	262.76	101.32	242.44	6.28	262.76	67.32
953.00	44.51	67.02	873.72	293.67	113.38	270.90	5.00	293.67	67.29
998.00	45.54	66.67	905.52	325.50	125.90	300.17	2.35	325.50	67.25
1043.00	45.68	66.19	937.00	357.66	138.76	329.64	0.82	357.66	67.17
1088.00	44.18	65.32	968.86	389.43	151.80	358.62	3.60	389.43	67.06
1133.00	44.96	65.22	1000.92	420.99	165.02	387.30	1.74	420.99	66.92
1178.00	44.39	64.83	1032.92	452.61	178.37	415.98	1.41	452.62	66.79
1223.00	42.18	64.91	1065.67	483.44	191.48	443.92	4.91	483.45	66.67
1268.00	40.56	66.19	1099.44	513.17	203.79	470.99	4.06	513.18	66.60
1313.00	41.47	65.99	1133.40	542.70	215.76	497.98	2.04	542.71	66.57
1358.00	42.17	65.87	1166.93	572.70	228.00	525.38	1.57	572.72	66.54
1403.00	42.36	66.47	1200.24	602.96	240.23	553.06	0.99	602.98	66.52
1448.00	39.73	68.05	1234.17	632.50	251.66	580.31	6.28	632.52	66.56
1493.00	38.13	69.96	1269.18	660.76	261.79	606.70	4.44	660.77	66.66
1538.00	35.10	73.76	1305.30	687.49	270.17	632.18	8.41	687.50	66.86
1583.00	32.47	75.11	1342.70	712.30	276.90	656.28	6.08	712.31	67.12
1628.00	30.68	74.27	1381.03	735.65	283.12	679.01	4.10	735.67	67.37
1673.00	29.07	73.23	1420.05	757.91	289.38	700.53	3.76	757.95	67.55
1718.00	26.70	74.38	1459.82	778.81	295.26	720.73	5.40	778.87	67.72
1763.00	23.19	73.94	1500.62	797.64	300.43	738.99	7.81	797.73	67.88
1808.00	20.68	70.76	1542.36	814.37	305.50	755.01	6.17	814.48	67.97
1898.00	12.16	75.14	1628.61	839.66	313.19	779.22	9.56	839.81	68.10
1943.00	8.43	75.76	1672.88	847.61	315.21	787.00	8.29	847.78	68.17
1988.00	5.38	66.46	1717.55	852.98	316.87	792.14	7.20	853.16	68.20
2033.00	3.07	44.86	1762.43	856.21	318.57	794.92	6.15	856.38	68.16
2078.00	1.34	6.27	1807.40	857.58	319.94	795.83	4.86	857.73	68.10
2123.00	1.55	10.06	1852.38	858.17	321.07	795.99	0.51	858.30	68.03
2168.00	1.34	0.53	1897.37	858.71	322.19	796.10	0.71	858.83	67.97
2258.00	1.13	348.42	1987.35	859.31	324.11	795.93	0.37	859.40	67.84
2303.00	1.14	319.11	2032.34	859.26	324.89	795.55	1.28	859.33	67.79
2348.00	1.60	295.23	2077.33	858.70	325.49	794.69	1.61	858.77	67.73
2393.00	2.88	297.11	2122.29	857.56	326.27	793.12	2.85	857.61	67.64
2438.00	3.31	290.65	2167.22	855.89	327.25	790.89	1.23	855.92	67.52



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS Date: 11/26/2007 Time: 15:16:47 Page: 2
Field: Koch Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Site: San Juan County, NM Vertical (TVD) Reference: SITE 0.0
Well: Koch, State Com #100S Section (VS) Reference: Well: (0.00N, 0.00E, 67.03Azi)
Wellpath: DH - Job #331007902 Survey Calculation Method: Minimum Curvature Db: Sybase

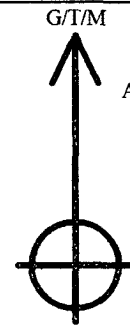
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
2528.00	2.00	269.89	2257.13	852.56	328.16	786.89	1.78	852.58	67.36
2543.00	1.42	260.66	2272.12	852.14	328.13	786.45	4.27	852.16	67.35



**Scientific
Drilling**

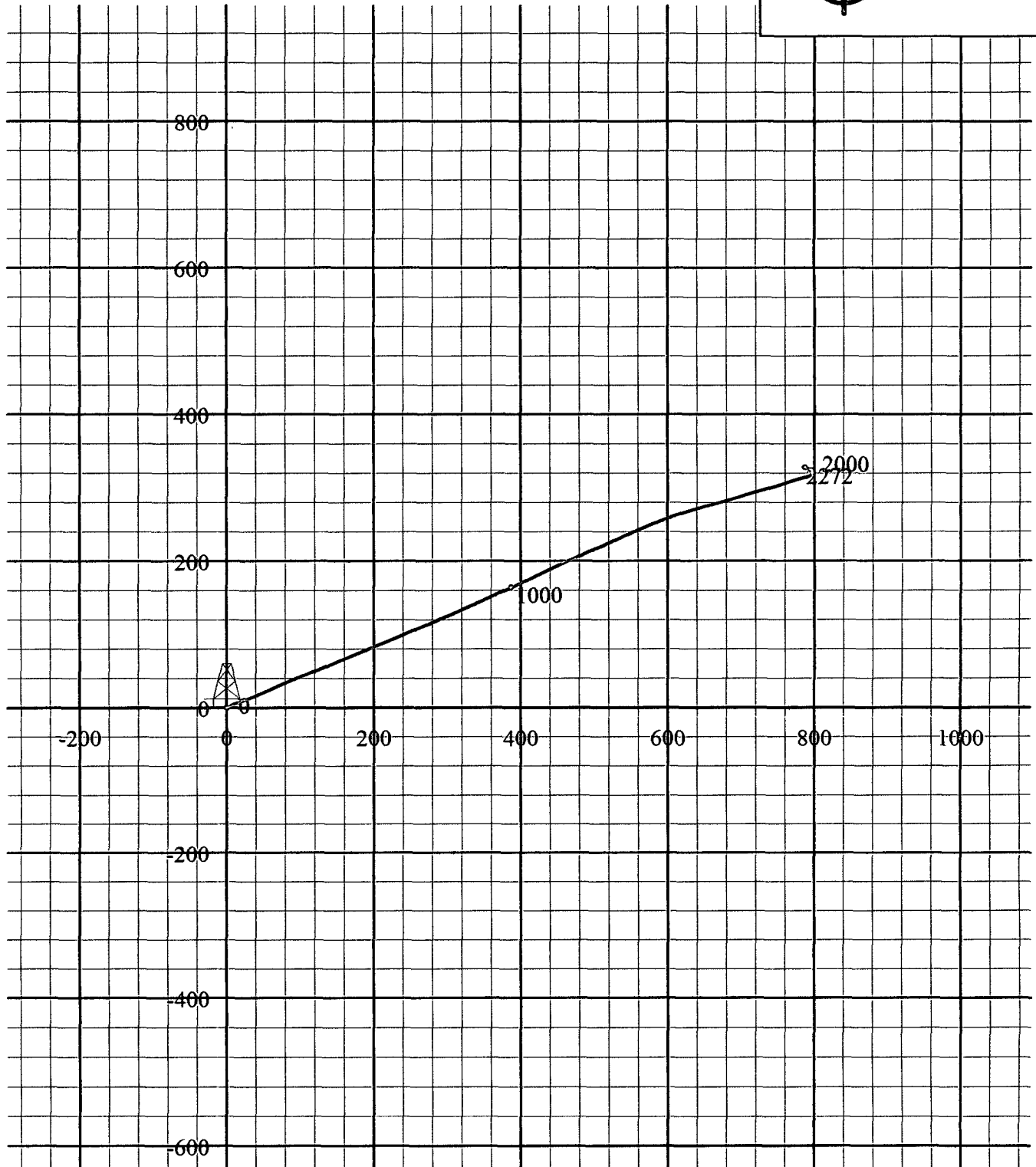
Field: Koch
Site: San Juan County, NM
Well: Koch State Com #100S
Wellpath: DH - Job #331007902
Survey: 10/08/07-10/11/07



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/22/2007
Model: igrf2000

South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]

ConocoPhillips**COP Deviation Report
KOCH STATE COM #100S****Survey Data**

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/10/2007	1,763.00	23.19	MWD	Scientific Drilling
10/10/2007	1,808.00	20.68	MWD	Scientific Drilling
10/10/2007	1,898.00	12.16	MWD	Scientific Drilling
10/10/2007	1,943.00	8.43	MWD	Scientific Drilling
10/10/2007	1,988.00	5.38	MWD	Scientific Drilling
10/10/2007	2,033.00	3.07	MWD	Scientific Drilling
10/10/2007	2,078.00	1.34	MWD	Scientific Drilling
10/10/2007	2,123.00	1.55	MWD	Scientific Drilling
10/10/2007	2,168.00	1.34	MWD	Scientific Drilling
10/10/2007	2,258.00	1.13	MWD	Scientific Drilling
10/10/2007	2,303.00	1.14	MWD	Scientific Drilling
10/10/2007	2,348.00	1.60	MWD	Scientific Drilling
10/10/2007	2,393.00	2.88	MWD	Scientific Drilling
10/10/2007	2,438.00	3.31	MWD	Scientific Drilling
10/10/2007	2,528.00	2.00	MWD	Scientific Drilling
10/10/2007	2,543.00	1.42	MWD	Scientific Drilling

RCVD JAN 23 '08
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.

8228

Subscribed and sworn to me this 1-15-08

Charles S. Boyer
Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011

COP Deviation Report
KOCH STATE COM #100S

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName KOCH STATE COM #100S	API / UWI 3004534434	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location SEC:36;TWN:029N;RNG:009W	N/S Dist (ft) 2,245.00	N/S Ref FNL	E/W Dist (ft) 865.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/8/2007	0.00	0.00	MWD	Scientific Drilling
10/9/2007	146.00	0.57	MWD	Scientific Drilling
10/10/2007	209.00	0.71	MWD	Scientific Drilling
10/10/2007	271.00	5.79	MWD	Scientific Drilling
10/10/2007	333.00	9.55	MWD	Scientific Drilling
10/10/2007	396.00	13.47	MWD	Scientific Drilling
10/10/2007	458.00	17.51	MWD	Scientific Drilling
10/10/2007	503.00	20.62	MWD	Scientific Drilling
10/10/2007	548.00	22.87	MWD	Scientific Drilling
10/10/2007	593.00	24.61	MWD	Scientific Drilling
10/10/2007	638.00	27.02	MWD	Scientific Drilling
10/10/2007	683.00	30.37	MWD	Scientific Drilling
10/10/2007	728.00	32.63	MWD	Scientific Drilling
10/10/2007	773.00	34.76	MWD	Scientific Drilling
10/10/2007	818.00	36.74	MWD	Scientific Drilling
10/10/2007	863.00	39.47	MWD	Scientific Drilling
10/10/2007	908.00	42.26	MWD	Scientific Drilling
10/10/2007	953.00	44.51	MWD	Scientific Drilling
10/10/2007	998.00	45.54	MWD	Scientific Drilling
10/10/2007	1,043.00	45.68	MWD	Scientific Drilling
10/10/2007	1,088.00	44.18	MWD	Scientific Drilling
10/10/2007	1,133.00	44.96	MWD	Scientific Drilling
10/10/2007	1,178.00	44.39	MWD	Scientific Drilling
10/10/2007	1,223.00	42.18	MWD	Scientific Drilling
10/10/2007	1,268.00	40.56	MWD	Scientific Drilling
10/10/2007	1,313.00	41.47	MWD	Scientific Drilling
10/10/2007	1,358.00	42.17	MWD	Scientific Drilling
10/10/2007	1,403.00	42.36	MWD	Scientific Drilling
10/10/2007	1,448.00	39.73	MWD	Scientific Drilling
10/10/2007	1,493.00	38.13	MWD	Scientific Drilling
10/10/2007	1,538.00	35.10	MWD	Scientific Drilling
10/10/2007	1,583.00	32.47	MWD	Scientific Drilling
10/10/2007	1,628.00	30.68	MWD	Scientific Drilling
10/10/2007	1,673.00	29.07	MWD	Scientific Drilling
10/10/2007	1,718.00	26.70	MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ 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 _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____