

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RCVD JAN 16 '08
☐ AMENDED REPORT
OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT DIST. 3

*API Number 30-045-34321		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 7284		*Property Name MANSFIELD			*Well Number 11N
*OGRID No 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP			*Elevation 6027'

¹⁰ Surface Location

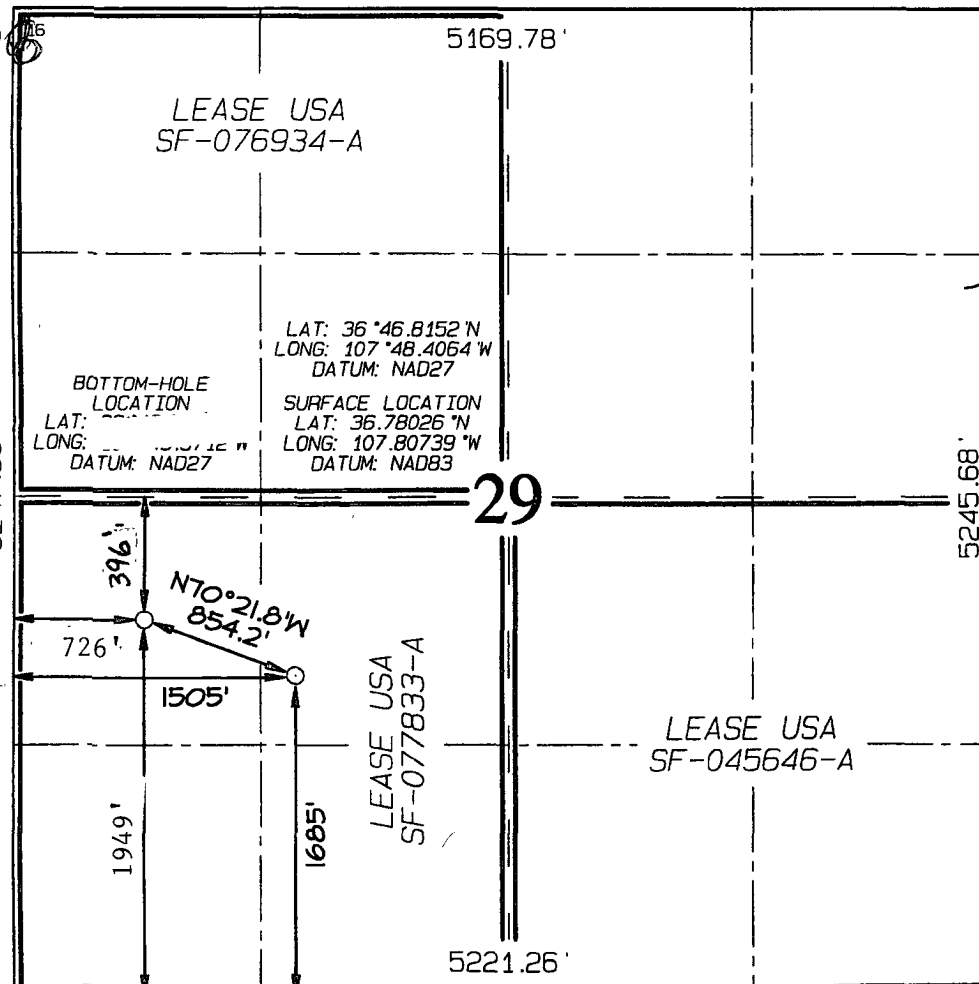
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	29	30N	9W		1685	SOUTH	1505	WEST	SAN JUAN

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
L	29	30N	9W		1949'	SOUTH	726'	WEST	SAN JUAN

¹² Dedicated Acres	320.0 Acres (W/2) - MV	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
	320.0 Acres (S/2) - DK			

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. <i>Tamra Sessions</i> 1/14/08 Signature Date Tamra Sessions Regulatory 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. Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

HB

Job Number: NM07001
Company: CONCOPHILLIPS
Lease/Well: MANSFIELD #11N
Location: MANSFIELD
Rig Name: AXTEC #730
RKB: 15.00
G.L. or M.S.L.: GL

State/Country: NEW MEXICO
Declination: 10.35
Grid: TRUE NORTH
File name: C:\WINSERVE\NM07001.SVY
Date/Time: 24-Oct-07 / 22:41
Curve Name: AS DRILLED

APPROVED

10/29/07

AS DRILLED

RCVD JAN 16 '08

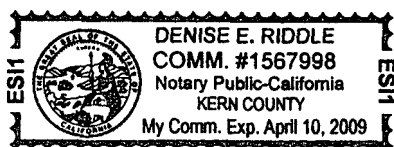
OIL CONS. DIV.

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 289.18
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

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
381.00	1.00	171.60	380.98	-3.29	.49	-1.54	3.32	171.60	.26
472.00	1.00	245.00	471.97	-4.41	-.12	-1.34	4.41	181.53	1.31
565.00	2.50	268.60	564.93	-4.80	-2.88	1.14	5.60	210.96	1.76
656.00	4.20	284.00	655.77	-4.05	-8.10	6.32	9.05	243.46	2.10
748.00	6.40	287.30	747.37	-1.70	-16.26	14.80	16.35	264.02	2.41
840.00	8.60	287.30	838.58	1.87	-27.73	26.80	27.79	273.85	2.39
935.00	11.00	287.30	932.18	6.67	-43.17	42.96	43.68	278.79	2.53
1028.00	12.70	289.00	1023.20	12.64	-61.31	62.06	62.59	281.65	1.87
1122.00	13.70	286.00	1114.71	19.07	-81.78	83.50	83.97	283.13	1.29
1217.00	15.30	286.00	1206.69	25.63	-104.64	107.25	107.73	283.76	1.68
1312.00	17.20	288.00	1297.89	33.43	-130.05	133.81	134.28	284.41	2.08
1405.00	19.10	288.50	1386.26	42.50	-157.56	162.78	163.19	285.10	2.05
1500.00	21.60	290.10	1475.32	53.45	-188.72	195.81	196.15	285.81	2.70
1595.00	22.10	288.80	1563.50	65.22	-222.06	231.16	231.44	286.37	.73
1691.00	21.60	289.00	1652.60	76.79	-255.87	266.89	267.14	286.70	.53
1783.00	21.60	287.60	1738.14	87.42	-288.02	300.75	300.99	286.88	.56
1846.00	22.10	286.80	1796.61	94.35	-310.42	324.18	324.44	286.91	.92
1910.00	22.20	286.70	1855.89	101.31	-333.52	348.29	348.57	286.90	.17
1973.00	22.30	287.10	1914.20	108.24	-356.35	372.13	372.42	286.90	.29
2037.00	22.20	287.10	1973.43	115.37	-379.51	396.35	396.66	286.91	.16
2099.00	21.60	287.70	2030.96	122.28	-401.58	419.46	419.78	286.94	1.03
2162.00	20.80	289.60	2089.70	129.56	-423.16	442.24	442.55	287.02	1.67

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 Distance FT	Direction Deg	Dogleg Severity Deg/100
2223.00	20.60	290.40	2146.76	136.93	-443.42	463.80	464.09	287.16	.57
2285.00	20.60	290.50	2204.79	144.55	-463.86	485.61	485.87	287.31	.06
2348.00	20.20	291.10	2263.84	152.35	-484.39	507.56	507.79	287.46	.72
2409.00	19.90	290.20	2321.15	159.73	-503.96	528.46	528.67	287.59	.71
2473.00	20.40	289.60	2381.23	167.23	-524.69	550.51	550.70	287.68	.85
2535.00	19.90	289.40	2439.43	174.36	-544.82	571.86	572.04	287.75	.81
2599.00	20.00	289.40	2499.59	181.61	-565.42	593.70	593.87	287.81	.16
2662.00	19.60	288.80	2558.87	188.60	-585.59	615.04	615.21	287.85	.71
2723.00	19.40	289.50	2616.37	195.28	-604.82	635.40	635.56	287.89	.50
2786.00	19.50	288.80	2675.77	202.16	-624.64	656.38	656.54	287.93	.40
2849.00	19.20	289.70	2735.22	209.04	-644.34	677.25	677.40	287.97	.67
2911.00	17.30	290.80	2794.09	215.75	-662.56	696.67	696.80	288.04	3.11
2974.00	15.50	292.60	2854.53	222.31	-679.09	714.43	714.55	288.13	2.97
3069.00	12.50	293.60	2946.70	231.31	-700.24	737.36	737.45	288.28	3.17
3164.00	10.50	291.60	3039.79	238.61	-717.71	756.26	756.33	288.39	2.15
3258.00	8.50	289.00	3132.49	244.03	-732.24	771.77	771.83	288.43	2.18
3353.00	8.10	285.00	3226.50	248.04	-745.35	785.46	785.54	288.41	.74
3448.00	6.10	293.00	3320.77	251.75	-756.46	797.18	797.25	288.41	2.34
3543.00	4.30	299.70	3415.37	255.49	-764.20	805.72	805.77	288.49	2.00
3638.00	2.40	303.80	3510.21	258.36	-768.95	811.14	811.19	288.57	2.01
3733.00	2.60	300.00	3605.12	260.54	-772.46	815.18	815.22	288.64	.27
3828.00	2.60	300.00	3700.02	262.70	-776.20	819.42	819.45	288.70	.00
3900.00	2.60	300.00	3771.94	264.33	-779.02	822.62	822.65	288.74	.00



ACKNOWLEDGMENT

State of California

County of Kern

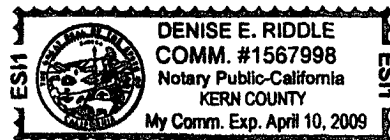
On October 29,
2007 before me, Denise E. Riddle, Notary,
(here insert name and title of the officer)

personally appeared Chad J. Hathaway

personally known to me (or proved to me on the basis of satisfactory evidence) to be
the person(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized
capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s),
or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Denise E. Riddle



(Seal)

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/23/2007	2,974.00	15.50	MWD	H B
10/23/2007	3,069.00	12.50	MWD	H B
10/23/2007	3,164.00	10.50	MWD	H B
10/23/2007	3,258.00	8.50	MWD	H B
10/23/2007	3,353.00	8.10	MWD	H B
10/24/2007	3,448.00	6.10	MWD	H B
10/24/2007	3,543.00	4.30	MWD	H B
10/24/2007	3,638.00	2.40	MWD	H B
10/24/2007	3,733.00	2.60	MWD	H B
10/24/2007	3,828.00	2.60	MWD	H B
10/24/2007	3,900.00	2.60	MWD	H B
10/31/2007	7,316.00	2.00	FINAL BHS	PHOENIX

RCVD JAN 16 '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.

Subscribed and sworn to me this 1-14-08

Shonda S. Bogus
Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011



COP Deviation Report

MANSFIELD #11N

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName MANSFIELD #11N	API / UWI 3004534321	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location SEC:29;TWN:030N;RNG:009W	N/S Dist (ft) 1,685.00	N/S Ref FSL	E/W Dist (ft) 1,505.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (*)	Method	Survey Company
10/21/2007	0.00	0.00	MWD	H B LLC
10/22/2007	381.00	1.00	MWD	H B
10/22/2007	472.00	1.00	MWD	H B
10/22/2007	565.00	2.50	MWD	H B
10/22/2007	656.00	4.20	MWD	H B
10/22/2007	748.00	6.40	MWD	H B
10/22/2007	840.00	8.60	MWD	H B
10/22/2007	935.00	11.00	MWD	H B
10/22/2007	1,028.00	12.70	MWD	H B
10/23/2007	1,122.00	13.70	MWD	H B
10/23/2007	1,217.00	15.30	MWD	H B
10/23/2007	1,312.00	17.20	MWD	H B
10/23/2007	1,405.00	19.10	MWD	H B
10/23/2007	1,500.00	21.60	MWD	H B
10/23/2007	1,595.00	22.10	MWD	H B
10/23/2007	1,691.00	21.60	MWD	H B
10/23/2007	1,783.00	21.60	MWD	H B
10/23/2007	1,846.00	22.10	MWD	H B
10/23/2007	1,910.00	22.20	MWD	H B
10/23/2007	1,973.00	22.30	MWD	H B
10/23/2007	2,037.00	22.20	MWD	H B
10/23/2007	2,099.00	21.60	MWD	H B
10/23/2007	2,162.00	20.80	MWD	H B
10/23/2007	2,223.00	20.60	MWD	H B
10/23/2007	2,285.00	20.60	MWD	H B
10/23/2007	2,348.00	20.20	MWD	H B
10/23/2007	2,409.00	19.90	MWD	H B
10/23/2007	2,473.00	20.40	MWD	H B
10/23/2007	2,535.00	19.90	MWD	H B
10/23/2007	2,599.00	20.00	MWD	H B
10/23/2007	2,662.00	19.60	MWD	H B
10/23/2007	2,723.00	19.40	MWD	H B
10/23/2007	2,786.00	19.50	MWD	H B
10/23/2007	2,849.00	19.20	MWD	H B
10/23/2007	2,911.00	17.30	MWD	H B

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 _____