

ccfs drilled plat

RCVD NOV 12 '08

RECEIVED OIL CONS. DIV.
DIST. 3

DEC 17 2007

DISTRICT I
1635 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1501 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Elb Drenas Rd., Aztec, N.M. 87410

DISTRICT IV
1230 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Bureau of Land Management
Farmington Field Office

Form C-103
Revised October 12, 2005

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30440		² Post Code 71599 / 72319		³ Post Name BASIN DAKOTA, BLANCO MESAVERDE	
⁴ Property Code 7465		⁵ Property Name SAN JUAN 29-7 UNIT		⁶ Well Number 67M	
⁷ OGED No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		⁹ Elevation 6255'	

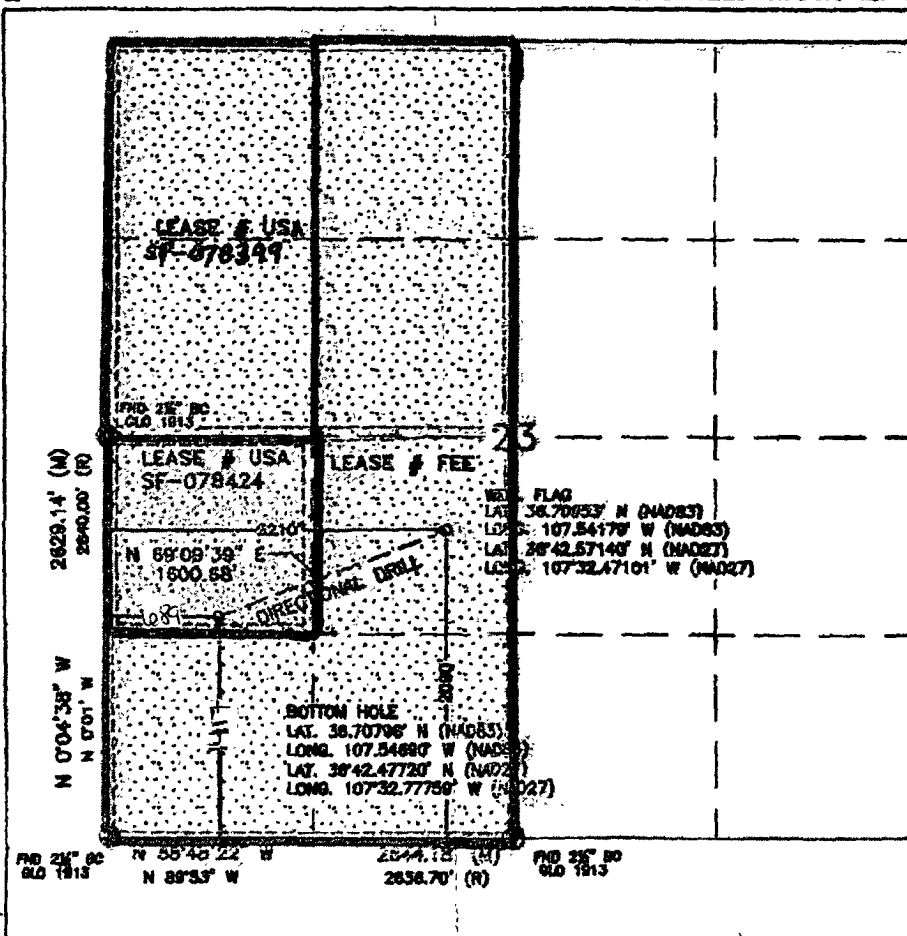
10 Surface Location

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
K	23	29N	7W		2000'	SOUTH	2210'	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
L	23	29N	7W		1417	SOUTH	689'	WEST	RIO ARriba
¹² Dedicated Acres 320.00 Acres - (W/2)					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



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 collected surface 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 or a compulsory pooling order heretofore entered by the division.

Sasha Neumann 10-3008
Signature Date

SASHA Neumann
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.

AUGUST 2, 2007
Date of Survey

Signature and Seal of Professional Surveyor
David R. Russell

DAVID R. RUSSELL
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
10201

DAVID RUSSELL
Certificate Number 10201

8/17



Hathaway Burnham Navigational LLC
DIRECTIONAL AND MWD SERVICES

March 21, 2008

Ms. Geneva Blackwater
P.O. Box 4289
Farmington, NM 87499

RE: Final Notarized Survey's Well SJ 29-7 #67M

RCVD NOV 12 '08
OIL CONS. DIV.

Dear Ms. Blackwater,

DIST. 3

Please find the enclosed final surveys for well SJ 29-7 #67M. I hereby certify to the best of my knowledge these surveys are true and correct.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Kitchen', with a long horizontal line extending to the right.

Michael Kitchen
Hathaway Burnham Navigational LLC

ACKNOWLEDGMENT

State of California
County of Kern

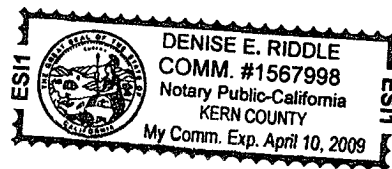
On March 21 2008 before me, Denise E. Riddle, Notary
(insert name and title of the officer)

personally appeared Michael Kitchen
who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Denise E. Riddle (Seal)



RCVD NOV 12 '08
OIL CONS. DIV.

DIST. 3

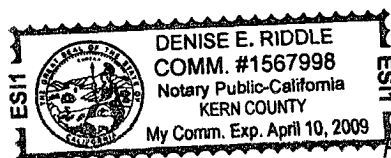
HB

Job Number: NM08004
Company: CONOCOPHILLIPS
Lease/Well: SJ 29-7 #67M
Location: SECTION 23
Rig Name: AZTEC #730
RKB: ☐
G.L. or M.S.L.: ☐

State/Country: NEW MEXICO
Declination: 11.19
Grid: ☐
File name: C:\WINSERVE\NM08004.SVY
Date/Time: 17-Mar-08 / 10:46
Curve Name: AS DRILLED

Hathaway Burnham LLC

RCVD NOV 12 '08



WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 249.11
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
363.00	.20	326.40	363.00	.53	-.35	.14	.63	326.40	.06
423.00	.30	276.70	423.00	.63	-.56	.30	.85	318.28	.38
483.00	2.10	243.00	482.98	.15	-1.70	1.53	1.71	275.12	3.10
544.00	4.60	242.80	543.87	-1.47	-4.87	5.08	5.09	253.17	4.10
606.00	6.10	251.60	605.60	-3.65	-10.21	10.84	10.84	250.33	2.75
667.00	7.60	251.60	666.17	-5.95	-17.11	18.11	18.12	250.84	2.46
728.00	8.20	256.80	726.59	-8.21	-25.18	26.45	26.48	251.93	1.53
790.00	9.60	257.90	787.84	-10.31	-34.54	35.94	36.04	253.38	2.27
852.00	11.70	258.30	848.77	-12.67	-45.75	47.26	47.47	254.53	3.39
916.00	11.60	257.80	911.45	-15.34	-58.39	60.02	60.37	255.28	.22
1010.00	13.20	258.90	1003.25	-19.40	-78.16	79.94	80.53	256.06	1.72
1106.00	14.10	255.60	1096.54	-24.42	-100.24	102.36	103.18	256.31	1.24
1200.00	15.10	255.60	1187.51	-30.32	-123.19	125.91	126.87	256.18	1.06
1295.00	16.70	255.00	1278.87	-36.93	-148.37	151.78	152.89	256.02	1.69
1388.00	18.50	255.60	1367.51	-44.05	-175.57	179.73	181.01	255.91	1.95
1483.00	20.80	255.80	1456.97	-51.94	-206.52	211.47	212.95	255.88	2.42
1577.00	21.70	255.40	1544.58	-60.42	-239.52	245.32	247.02	255.84	.97
1673.00	23.40	253.00	1633.24	-70.46	-274.93	281.98	283.81	255.62	2.01
1768.00	26.20	253.40	1719.47	-81.97	-313.07	321.72	323.63	255.33	2.95
1863.00	28.10	252.50	1804.00	-94.69	-354.51	364.97	366.94	255.04	2.05
1955.00	29.90	251.40	1884.46	-108.52	-396.91	409.52	411.48	254.71	2.04
2049.00	30.50	248.20	1965.71	-124.86	-441.27	456.78	458.59	254.20	1.83

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	
2143.00	30.20	247.90	2046.83	-142.61	-485.32	504.27	505.84	253.62	.36
2237.00	29.50	247.10	2128.36	-160.51	-528.55	551.04	552.38	253.11	.86
2332.00	29.50	246.90	2211.04	-178.79	-571.61	597.79	598.92	252.63	.10
2427.00	30.50	246.70	2293.31	-197.50	-615.27	645.25	646.19	252.20	1.06
2521.00	29.90	245.80	2374.55	-216.54	-658.55	692.47	693.23	251.80	.80
2615.00	30.30	245.00	2455.88	-236.17	-701.41	739.51	740.10	251.39	.60
2709.00	29.70	244.10	2537.28	-256.36	-743.85	786.36	786.78	250.98	.80
2804.00	28.00	246.60	2620.49	-275.50	-785.49	832.09	832.40	250.67	2.19
2897.00	27.20	247.10	2702.91	-292.44	-825.10	875.14	875.40	250.48	.90
2988.00	26.80	246.30	2783.99	-308.78	-863.05	916.42	916.62	250.31	.59
3050.00	25.90	245.10	2839.55	-320.10	-888.13	943.89	944.05	250.18	1.69
3114.00	27.00	245.60	2896.85	-331.99	-914.04	972.33	972.46	250.04	1.75
3177.00	28.10	246.60	2952.71	-343.79	-940.68	1001.43	1001.53	249.92	1.89
3238.00	27.10	246.10	3006.76	-355.12	-966.57	1029.66	1029.74	249.83	1.68
3332.00	27.50	246.50	3090.29	-372.45	-1006.04	1072.72	1072.77	249.68	.47
3427.00	29.80	246.00	3173.66	-390.80	-1047.73	1118.21	1118.24	249.54	2.43
3520.00	28.40	248.10	3254.92	-408.45	-1089.36	1163.40	1163.42	249.45	1.86
3581.00	26.70	247.70	3309.00	-419.06	-1115.50	1191.61	1191.62	249.41	2.80
3644.00	26.20	247.20	3365.40	-429.82	-1141.42	1219.65	1219.67	249.37	.87
3706.00	25.70	246.50	3421.15	-440.49	-1166.37	1246.76	1246.77	249.31	.95
3768.00	25.10	245.60	3477.16	-451.28	-1190.67	1273.32	1273.32	249.24	1.15
3830.00	25.70	248.00	3533.17	-461.75	-1215.11	1299.89	1299.89	249.19	1.92
3893.00	25.10	244.30	3590.08	-472.66	-1239.82	1326.86	1326.86	249.13	2.69
3955.00	25.30	243.90	3646.18	-484.19	-1263.57	1353.16	1353.16	249.03	.42
4018.00	25.40	244.00	3703.11	-496.04	-1287.80	1380.02	1380.03	248.93	.17
4082.00	25.20	244.00	3760.97	-508.03	-1312.38	1407.26	1407.28	248.84	.31
4144.00	24.90	245.00	3817.14	-519.33	-1336.07	1433.43	1433.46	248.76	.84
4206.00	23.80	247.90	3873.63	-529.55	-1359.50	1458.96	1458.99	248.72	2.62
4270.00	21.70	250.30	3932.65	-538.40	-1382.60	1483.70	1483.73	248.72	3.59
4333.00	19.40	252.00	3991.64	-545.56	-1403.52	1505.80	1505.83	248.76	3.77
4394.00	16.95	253.00	4049.59	-551.29	-1421.66	1524.79	1524.81	248.80	4.05
4457.00	14.40	255.10	4110.24	-555.99	-1438.02	1541.75	1541.76	248.86	4.15
4520.00	12.00	252.70	4171.57	-559.95	-1451.84	1556.08	1556.09	248.91	3.91
4552.00	11.90	251.10	4202.88	-562.01	-1458.14	1562.69	1562.70	248.92	1.08
4615.00	11.80	250.70	4264.54	-566.25	-1470.37	1575.62	1575.63	248.94	.21
4676.00	11.10	250.10	4324.32	-570.31	-1481.78	1587.73	1587.74	248.95	1.16
4737.00	9.60	251.70	4384.33	-573.90	-1492.13	1598.68	1598.69	248.96	2.50
4799.00	7.90	256.40	4445.60	-576.53	-1501.18	1608.07	1608.08	248.99	2.97
4862.00	5.80	254.40	4508.15	-578.40	-1508.45	1615.54	1615.54	249.02	3.35
4894.00	4.60	250.10	4540.02	-579.27	-1511.22	1618.43	1618.43	249.03	3.94
4981.00	3.90	245.00	4626.78	-581.71	-1517.18	1624.87	1624.87	249.02	.91
5100.00	.00	.00	4745.69	-583.42	-1520.85	1628.91	1628.91	249.01	3.28



COP Deviation Report

SAN JUAN 29-7 UNIT #67M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName SAN JUAN 29-7 UNIT #67M	API / UWI 3003930440	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 023-29N-007W	N/S Dist (ft) 2,000.00	N/S Ref FSL	E/W Dist (ft) 2,210.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/14/2008	363.00	0.20	MWD	H&B Navigational	
3/14/2008	423.00	0.30	MWD	H&B Navigational	
3/14/2008	483.00	2.10	MWD	H&B Navigational	
3/14/2008	544.00	4.60	MWD	H&B Navigational	
3/14/2008	606.00	6.10	MWD	H&B Navigational	
3/14/2008	667.00	7.60	MWD	H&B Navigational	
3/14/2008	728.00	8.20	MWD	H&B Navigational	
3/14/2008	790.00	9.60	MWD	H&B Navigational	
3/14/2008	852.00	11.70	MWD	H&B Navigational	
3/14/2008	916.00	11.60	MWD	H&B Navigational	
3/14/2008	1,010.00	13.20	MWD	H&B Navigational	
3/14/2008	1,126.00	14.10	MWD	H&B Navigational	
3/14/2008	1,200.00	15.10	MWD	H&B Navigational	
3/14/2008	1,295.00	16.70	MWD	H&B Navigational	
3/14/2008	1,388.00	18.50	MWD	H&B Navigational	
3/14/2008	1,483.00	20.80	MWD	H&B Navigational	
3/14/2008	1,577.00	21.70	MWD	H&B Navigational	
3/14/2008	1,673.00	23.40	MWD	H&B Navigational	
3/14/2008	1,766.00	26.20	MWD	H&B Navigational	
3/14/2008	1,863.00	28.10	MWD	H&B Navigational	
3/14/2008	1,955.00	29.90	MWD	H&B Navigational	
3/14/2008	2,049.00	30.50	MWD	H&B Navigational	
3/14/2008	2,143.00	30.20	MWD	H&B Navigational	
3/14/2008	2,237.00	29.50	MWD	H&B Navigational	
3/14/2008	2,332.00	29.50	MWD	H&B Navigational	
3/14/2008	2,427.00	30.50	MWD	H&B Navigational	
3/15/2008	2,521.00	29.90	MWD	H&B Navigational	
3/15/2008	2,615.00	30.30	MWD	H&B Navigational	
3/15/2008	2,709.00	29.70	MWD	H&B Navigational	
3/15/2008	2,804.00	28.00	MWD	H&B Navigational	
3/15/2008	2,897.00	27.20	MWD	H&B Navigational	
3/15/2008	2,988.00	26.80	MWD	H&B Navigational	
3/15/2008	3,050.00	25.90	MWD	H&B Navigational	
3/15/2008	3,114.00	27.00	MWD	H&B Navigational	
3/15/2008	3,177.00	28.10	MWD	H&B Navigational	

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 10/23/08

[Signature]

Notary Public in and for San Juan County, New Mexico

My Commission expires March 24th 2012

RCVD NOV 12 '08
OIL CONS. DIV.
DIST. 8

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/15/2008	3,238.00	27.10	MWD	H\$B Navigational
3/15/2008	3,332.00	27.50	MWD	H\$B Navigational
3/15/2008	3,427.00	29.80	MWD	H\$B Navigational
3/15/2008	3,520.00	28.40	MWD	H\$B Navigational
3/15/2008	3,581.00	26.70	MWD	H\$B Navigational
3/15/2008	3,644.00	26.20	MWD	H\$B Navigational
3/15/2008	3,706.00	25.70	MWD	H\$B Navigational
3/15/2008	3,768.00	25.10	MWD	H\$B Navigational
3/15/2008	3,830.00	25.70	MWD	H\$B Navigational
3/15/2008	3,893.00	25.10	MWD	H\$B Navigational
3/16/2008	3,955.00	25.30	MWD	H\$B Navigational
3/16/2008	4,018.00	25.40	MWD	H\$B Navigational
3/16/2008	4,082.00	25.20	MWD	H\$B Navigational
3/16/2008	4,144.00	24.90	MWD	H\$B Navigational
3/16/2008	4,206.00	23.80	MWD	H\$B Navigational
3/16/2008	4,270.00	21.70	MWD	H\$B Navigational
3/16/2008	4,333.00	19.40	MWD	H\$B Navigational
3/16/2008	4,394.00	16.95	MWD	H\$B Navigational
3/16/2008	4,457.00	14.40	MWD	H\$B Navigational
3/16/2008	4,520.00	12.00	MWD	H\$B Navigational
3/16/2008	4,552.00	11.90	MWD	H\$B Navigational
3/16/2008	4,615.00	11.80	MWD	H\$B Navigational
3/16/2008	4,676.00	11.10	MWD	H\$B Navigational
3/16/2008	4,737.00	9.60	MWD	H\$B Navigational
3/17/2008	4,799.00	7.90	MWD	H\$B Navigational
3/17/2008	4,862.00	5.80	MWD	H\$B Navigational
3/17/2008	4,894.00	4.60	MWD	H\$B Navigational
3/17/2008	4,981.00	3.90	MWD	H\$B Navigational
3/23/2008	5,506.00	2.00	TEL	TELEDRIFT
3/23/2008	5,982.00	1.00	TEL	TELEDRIFT
3/23/2008	6,480.00	2.00	TEL	TELEDRIFT
3/23/2008	6,958.00	1.00	TEL	TELEDRIFT
3/27/2008	7,430.00	1.50	TOTCO	AWS 730
3/27/2008	7,970.00	1.25	TOTCO	AWS 730

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

Mike Sal

Subscribed and sworn to me this 10/23/08

Sandra N. Spangler

Notary Public in and for San Juan County, New Mexico

My Commission expires March 24th 2012