

Form C-102
Revised October 12, 2005

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30364		*Pool Code 71599 / 72319	BASIN DAKOTA/MESAVERDE	*Pool Name BLANCO
*Property Code 31328	*Property Name SAN JUAN 31-6 UNIT			*Well Number 39M
*GRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY			*Elevation 6328'

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
E	27	31-N	6-W		1780'	NORTH	95'	WEST	RIO ARRIBA

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
1	28	31-N	6-W		2251'	SOUTH	750'	EAST	RIO ARRIBA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
DK 320.0 ACRES E/2			
MY 320.0 ACRES E/2			

RCVD JUN 3 '09
OIL CONS. DIV.

RCVD JUN 3 '09
OIL CONS. DIV.

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 DIST 3

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 the right to acquire the well through its present or future agreement with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Patsy Clugston
Signature

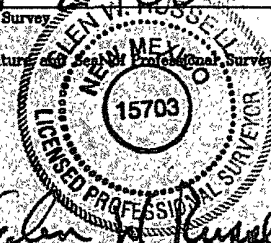
Patsy Clugston 6/1/09
Printed Name

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.

7-2-08
Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number 15703

COP Deviation Report SAN JUAN 31-6 UNIT #39M

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 31-6 UNIT #39M	API / UWI 3003930364	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 027-031N-006W-E	N/S Dist (ft) 1,780.00	N/S Ref FNL	E/W Dist (ft) 95.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/9/2008	125.00	1.00	DEVIATION	MOTE
7/9/2008	225.00	1.25	DEVIATION	MOTE
7/10/2008	330.00	2.00	MWD	MOTE
10/18/2008	399.00	1.90	MWD	HATHAWAY-BURNHAM
10/18/2008	502.00	0.50	MWD	HATHAWAY-BURNHAM
10/18/2008	594.00	2.80	MWD	HATHAWAY-BURNHAM
10/18/2008	686.00	4.10	MWD	HATHAWAY-BURNHAM
10/18/2008	779.00	6.70	MWD	HATHAWAY-BURNHAM
10/18/2008	873.00	8.40	MWD	HATHAWAY-BURNHAM
10/18/2008	967.00	10.70	MWD	HATHAWAY-BURNHAM
10/19/2008	1,061.00	12.10	MWD	HATHAWAY-BURNHAM
10/19/2008	1,155.00	13.70	MWD	HATHAWAY-BURNHAM
10/19/2008	1,249.00	15.30	MWD	HATHAWAY-BURNHAM
10/19/2008	1,343.00	16.20	MWD	HATHAWAY-BURNHAM
10/19/2008	1,436.00	17.10	MWD	HATHAWAY-BURNHAM
10/19/2008	1,530.00	18.90	MWD	HATHAWAY-BURNHAM
10/20/2008	1,624.00	20.40	MWD	HATHAWAY-BURNHAM
10/20/2008	1,718.00	21.50	MWD	HATHAWAY-BURNHAM
10/20/2008	1,812.00	22.20	MWD	HATHAWAY-BURNHAM
10/20/2008	1,906.00	23.60	MWD	HATHAWAY-BURNHAM
10/20/2008	2,000.00	23.30	MWD	HATHAWAY-BURNHAM
10/20/2008	2,095.00	23.30	MWD	HATHAWAY-BURNHAM
10/20/2008	2,188.00	24.50	MWD	HATHAWAY-BURNHAM
10/20/2008	2,282.00	23.60	MWD	HATHAWAY-BURNHAM
10/20/2008	2,376.00	24.60	MWD	HATHAWAY-BURNHAM
10/20/2008	2,470.00	25.80	MWD	HATHAWAY-BURNHAM
10/20/2008	2,565.00	26.90	MWD	HATHAWAY-BURNHAM
10/20/2008	2,660.00	26.70	MWD	HATHAWAY-BURNHAM
10/20/2008	2,754.00	26.00	MWD	HATHAWAY-BURNHAM
10/20/2008	2,846.00	25.50	MWD	HATHAWAY-BURNHAM
10/21/2008	2,940.00	24.10	MWD	HATHAWAY-BURNHAM
10/21/2008	3,032.00	23.10	MWD	HATHAWAY-BURNHAM
10/21/2008	3,126.00	21.80	MWD	HATHAWAY-BURNHAM
10/21/2008	3,220.00	21.00	MWD	HATHAWAY-BURNHAM
10/21/2008	3,314.00	19.00	MWD	HATHAWAY-BURNHAM
10/21/2008	3,408.00	20.70	MWD	HATHAWAY-BURNHAM

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.

Al G. G.

Subscribed and sworn to me this June 1, 2009

Patricia L. Clayton

RCVD JUN 3 '09
OIL CONS. DIV.
DIST. 3

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/2/2012

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/24/2008	3,502.00	23.60	MWD	HATHAWAY-BURNHAM
10/24/2008	3,596.00	21.50	MWD	HATHAWAY-BURNHAM
10/24/2008	3,784.00	20.50	MWD	HATHAWAY-BURNHAM
10/24/2008	3,878.00	20.60	MWD	HATHAWAY-BURNHAM
10/24/2008	3,977.00	20.00	MWD	HATHAWAY-BURNHAM
10/24/2008	4,066.00	14.90	MWD	HATHAWAY-BURNHAM
10/24/2008	4,160.00	15.70	MWD	HATHAWAY-BURNHAM
10/24/2008	4,192.00	17.50	MWD	HATHAWAY-BURNHAM
10/28/2008	4,255.00	17.40	MWD	HATHAWAY-BURNHAM
10/29/2008	4,353.00	18.60	MWD	HATHAWAY-BURNHAM
10/29/2008	4,447.00	18.60	MWD	HATHAWAY-BURNHAM
10/29/2008	4,541.00	19.50	MWD	HATHAWAY-BURNHAM
10/29/2008	4,635.00	20.70	MWD	HATHAWAY-BURNHAM
10/29/2008	4,729.00	18.50	MWD	HATHAWAY-BURNHAM
10/29/2008	4,824.00	18.60	MWD	HATHAWAY-BURNHAM
10/29/2008	4,918.00	15.70	MWD	HATHAWAY-BURNHAM
10/29/2008	5,012.00	14.00	MWD	HATHAWAY-BURNHAM
10/29/2008	5,106.00	11.50	MWD	HATHAWAY-BURNHAM
10/29/2008	5,200.00	8.90	MWD	HATHAWAY-BURNHAM
10/30/2008	5,294.00	6.40	MWD	HATHAWAY-BURNHAM
10/30/2008	5,342.00	4.50	MWD	HATHAWAY-BURNHAM
10/30/2008	5,394.00	4.00	MWD	HATHAWAY-BURNHAM
11/12/2008	6,674.00	0.50	Incl	RIG CREW
11/13/2008	7,174.00	1.25	Incl	RIG CREW
11/14/2008	7,674.00	0.75	Incl	RIG CREW
11/24/2008	8,225.00	1.75	FINAL BHS	PHOENIX
11/18/2008	8,311.00	0.75	Incl	RIG CREW

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.

Albert G. Webb

Subscribed and sworn to me this June 1, 2009

Patricia L. Clayton

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/2/2012



Hathaway Burnham Navigational LLC
DIRECTIONAL AND MWD SERVICES

October 30, 2008

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

RCVD JUN 3 '09
OIL CONS. DIV.
DIST. 3

RE: Final Notarized Survey's Well San Juan 31-6 #39M *API - 30-039-30364*

Dear Ms. Blackwater,

Please find the enclosed final surveys for well San Juan 31-6 #39M. I herby Certify to the best of my knowledge these surveys are true and correct.

Sincerely,

A handwritten signature in black ink, appearing to read 'Taryn Lambert', with a stylized, cursive script.

Taryn Lambert
Hathaway Burnham Navigational LLC

Job Number: NM-08503
 Company: BURLINGTON RES
 Lease/Well: SJ 31-6 #39M
 Location: 27
 Rig Name: AWS 711
 RKB: ☐
 G.L. or M.S.L.: ☐

State/Country: NEW MEXICO USA
 Declination: ☐
 Grid: ☐
 File name: C:\WINSERVE\ACCESS\NM-08503.SVY
 Date/Time: 30-Oct-08 / 10:40
 Curve Name: As Drilled

As Drilled

RCVD JUN 3 '09

OIL CONS. DIV.

DIST. 3

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 213.47
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

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	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
399.00	1.90	343.00	398.93	6.33	-1.93	-4.21	6.62	343.00	.48
502.00	.50	234.20	501.91	7.70	-2.80	-4.88	8.19	340.02	2.05
594.00	2.80	198.80	593.87	5.33	-3.85	-2.33	6.58	324.19	2.62
686.00	4.10	199.60	685.70	.11	-5.68	3.04	5.68	271.09	1.41
779.00	6.70	197.00	778.28	-8.21	-8.38	11.47	11.73	225.57	2.81
873.00	8.40	198.10	871.46	-19.98	-12.11	23.35	23.37	211.22	1.81
967.00	10.70	203.40	964.15	-34.52	-17.71	38.57	38.80	207.16	2.62
1061.00	12.10	206.80	1056.29	-51.32	-25.62	56.94	57.36	206.53	1.65
1155.00	13.70	208.30	1147.92	-69.92	-35.34	77.82	78.35	206.81	1.74

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	
1249.00	15.30	210.10	1238.92	-90.45	-46.84	101.29	101.86	207.38	1.77
1343.00	16.20	211.90	1329.39	-112.32	-59.99	126.77	127.33	208.11	1.09
1436.00	17.10	216.40	1418.50	-134.34	-74.96	153.40	153.83	209.16	1.69
1530.00	18.90	217.90	1507.89	-157.47	-92.51	182.38	182.64	210.43	1.98
1624.00	20.40	215.30	1596.42	-182.86	-111.33	213.94	214.09	211.33	1.85
1718.00	21.50	211.90	1684.21	-210.86	-129.90	247.53	247.66	211.64	1.74
1812.00	22.20	208.40	1771.46	-241.10	-147.45	282.44	282.62	211.45	1.57
1906.00	23.60	208.90	1858.05	-273.20	-165.00	318.89	319.16	211.13	1.50
2000.00	23.30	207.30	1944.28	-306.19	-182.62	356.13	356.51	210.81	.75
2095.00	23.30	207.60	2031.54	-339.54	-199.94	393.50	394.03	210.49	.12
2188.00	24.50	209.00	2116.56	-372.71	-217.81	431.02	431.68	210.30	1.43
2282.00	23.60	207.50	2202.40	-406.44	-235.95	469.17	469.97	210.14	1.16
2376.00	24.60	209.10	2288.21	-440.23	-254.15	507.39	508.33	210.00	1.27
2470.00	25.80	216.60	2373.28	-473.76	-275.87	547.34	548.23	210.21	3.63
2565.00	26.90	215.60	2458.41	-507.83	-300.71	589.46	590.18	210.63	1.25
2660.00	26.70	219.00	2543.21	-541.89	-326.65	632.18	632.73	211.08	1.63
2754.00	26.00	218.50	2627.44	-574.43	-352.77	673.73	674.10	211.55	.78
2846.00	25.50	219.20	2710.31	-605.56	-377.84	713.52	713.77	211.96	.64
2940.00	24.10	218.70	2795.64	-636.22	-402.62	752.76	752.91	212.33	1.51
3032.00	23.10	218.50	2879.94	-665.00	-425.60	789.45	789.54	212.62	1.09
3126.00	21.80	216.80	2966.82	-693.41	-447.54	825.24	825.29	212.84	1.55
3220.00	21.00	213.40	3054.34	-721.45	-467.27	859.51	859.55	212.93	1.57
3314.00	19.00	209.00	3142.67	-748.90	-483.96	891.62	891.67	212.87	2.66
3408.00	20.70	212.90	3231.08	-776.23	-500.41	923.49	923.55	212.81	2.29
3502.00	23.60	216.10	3318.14	-805.39	-520.52	958.91	958.96	212.87	3.34
3596.00	21.50	217.20	3404.95	-834.32	-542.02	994.90	994.93	213.01	2.28
3690.00	20.50	217.70	3492.71	-861.07	-562.51	1028.50	1028.52	213.16	1.08
3784.00	20.50	217.70	3580.75	-887.11	-582.64	1061.33	1061.34	213.30	.00
3878.00	20.60	217.40	3668.77	-913.27	-602.75	1094.24	1094.24	213.42	.15
3972.00	20.00	217.90	3756.93	-939.10	-622.66	1126.77	1126.77	213.55	.66

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	
4066.00	16.00	219.70	3846.31	-961.76	-640.82	1155.69	1155.69	213.68	4.30
4160.00	17.70	218.90	3936.28	-982.85	-658.07	1182.79	1182.81	213.80	1.83
4255.00	17.40	217.50	4026.85	-1005.35	-675.79	1211.34	1211.37	213.91	.55
4353.00	18.60	216.40	4120.06	-1029.56	-693.98	1241.57	1241.61	213.98	1.27
4447.00	18.60	213.10	4209.15	-1054.19	-711.07	1271.53	1271.58	214.00	1.12
4541.00	19.50	213.90	4298.00	-1079.77	-728.00	1302.21	1302.26	213.99	1.00
4635.00	20.70	217.50	4386.28	-1105.97	-746.87	1334.47	1334.54	214.03	1.83
4729.00	18.50	216.20	4474.82	-1131.19	-765.79	1365.94	1366.03	214.10	2.39
4824.00	18.60	216.50	4564.89	-1155.53	-783.71	1396.13	1396.23	214.15	.15
4918.00	15.70	216.50	4654.70	-1177.81	-800.19	1423.80	1423.92	214.19	3.09
5012.00	14.00	215.90	4745.56	-1197.24	-814.43	1447.87	1447.99	214.23	1.82
5106.00	11.50	214.20	4837.23	-1214.21	-826.36	1468.60	1468.73	214.24	2.69
5200.00	8.90	208.30	4929.74	-1228.36	-835.08	1485.21	1485.34	214.21	2.98
5294.00	6.40	207.40	5022.90	-1239.42	-840.94	1497.67	1497.78	214.16	2.66
5342.00	4.50	207.40	5070.68	-1243.47	-843.03	1502.20	1502.30	214.14	3.96
Projection to bit									
5394.00	4.00	207.40	5122.54	-1246.89	-844.81	1506.03	1506.13	214.12	.96

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of KERN

On NOV 6, 2008

Date

before me,

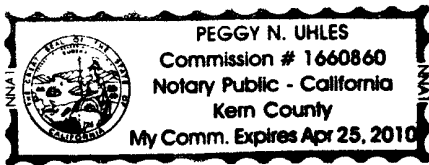
PEGGY N. UHLES, NOTARY PUBLIC

Here Insert Name and Title of the Officer

personally appeared

TARYN LAMBERT

Name(s) of Signer(s)



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

Peggy N. Uhles

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here