As Drilled Plat

District I
625 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

[X] AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹API Number	²Pool Code	³Pool Name
30-039-	72319 / 71599	BLANCO MESAVERDE / BASIN DAKOTA

⁴Property Code	⁵Property Name	⁶Well Number
31328	SAN JUAN 31-6 UNIT	8N

⁷OGRID No.	⁸Operator Name	⁹Elevation
217817	CONOCOPHILLIPS COMPANY	6281'

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
L	6	30N	6W		2155	SOUTH	570	WEST	RIO ARRIBA

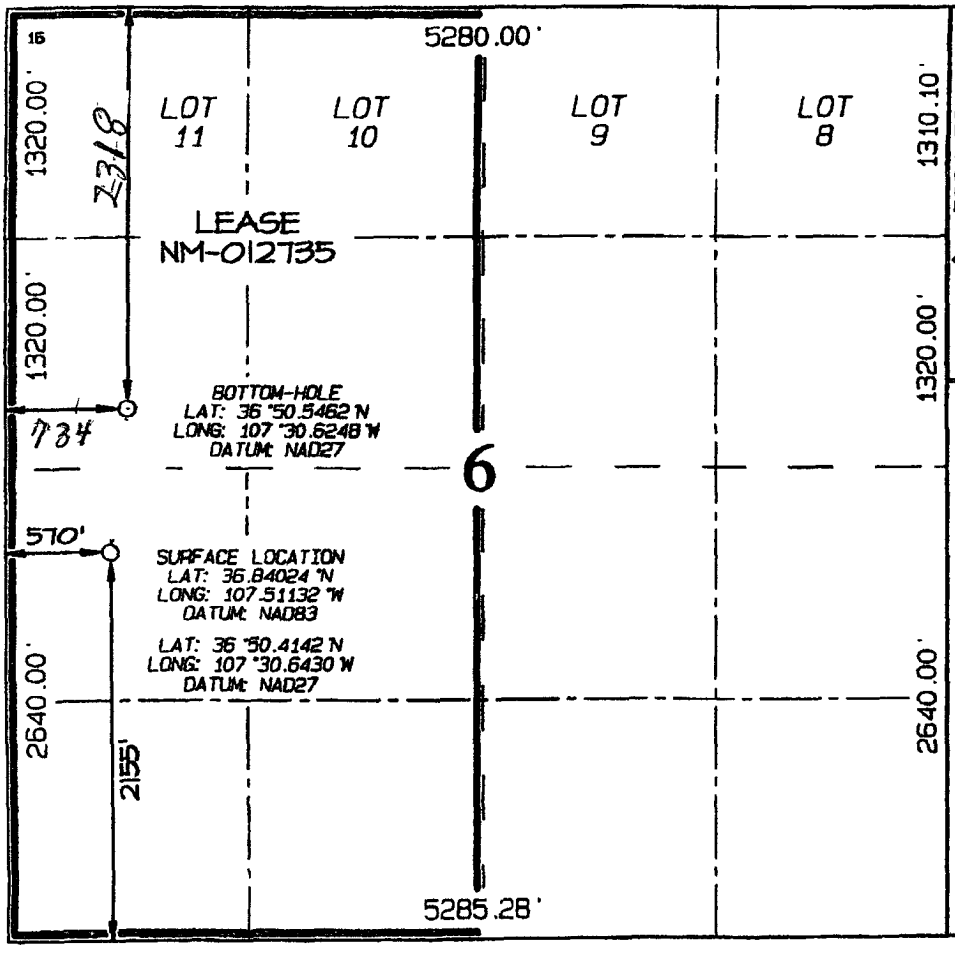
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	6	30N	6W		2348	NORTH	734	WEST	RIO ARRIBA

¹²Dedicated Acres	¹³Joint or Infill	¹⁴Consolidation Code	¹⁵Order No.
319.85 Acres - W/2			

RCVD NOV 20 '08
OIL CONS. DIV.
DIST. 3

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 — Date 11-15-07

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: APRIL 4, 2006

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

HOLD C104 FOR BHL dev. Survey

HB

Hathaway Burnham Navigational LLC

DIRECTIONAL AND MWD SERVICES

July 29, 2008

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

RCVD NOV 20 '08
OIL CONS. DIV.
DIST. 3

RE: Final Notarized Survey's Well San Juan 31-6 #8N

Dear Ms. Blackwater,

Please find the enclosed final surveys for well San Juan 31-6 #8N. I herby Certify to the best of my knowledge these surveys are true and correct.

Sincerely,

Taryn Lambert
Hathaway Burnham Navigational LLC

2555 Monte Cristo. Bakersfield, CA 93308 pn.661-393-2004 fx.661-393-2009
877-692-0976
www.hathawayburnham.com

HB

Job Number: NM08301
Company: Conoco Phillips
Lease/Well: SJ 31-6 #8N
Location: SJ 31-6
Rig Name: H & P 283
RKB: RKB
G.L. or M.S.L.: Datum

State/Country: New Mexico / USA
Declination: 10.14
Grid: Grid
File name: C:\WINSERVE\NM08301.SVY
Date/Time: 29-Jul-08 / 05:06
Curve Name: AS DRILLED

Scientific Drilling

RCVD NOV 20 '08
OIL CONS. DIV.
DIST. 3

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 9.91
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 Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
227.00	1.80	60.40	226.96	1.76	3.10	2.27	3.57	60.40	.79
289.00	1.90	65.00	288.93	2.68	4.88	3.48	5.56	61.25	.29
351.00	2.10	52.60	350.89	3.80	6.71	4.90	7.71	60.48	.77
413.00	2.50	33.60	412.84	5.62	8.36	6.97	10.07	56.11	1.38
475.00	3.10	15.00	474.77	8.36	9.55	9.88	12.69	48.78	1.74
537.00	4.20	11.70	536.64	12.21	10.44	13.82	16.06	40.54	1.81
599.00	5.00	11.90	598.44	17.07	11.46	18.79	20.56	33.87	1.29
662.00	6.20	9.30	661.14	23.12	12.57	24.94	26.31	28.54	1.95
722.00	7.50	9.70	720.71	30.17	13.76	32.09	33.16	24.51	2.17
783.00	8.30	11.50	781.13	38.41	15.31	40.47	41.35	21.72	1.37
845.00	9.40	12.00	842.39	47.75	17.25	50.01	50.77	19.86	1.78
909.00	10.50	11.30	905.43	58.58	19.48	61.06	61.74	18.39	1.73
973.00	11.70	9.70	968.23	70.70	21.72	73.38	73.96	17.07	1.94
1037.00	12.90	8.70	1030.76	84.16	23.89	87.01	87.48	15.85	1.90
1100.00	14.10	8.40	1092.02	98.70	26.07	101.71	102.09	14.80	1.91
1164.00	15.00	9.30	1153.97	114.58	28.55	117.79	118.09	13.99	1.45
1227.00	16.20	9.60	1214.65	131.30	31.33	134.73	134.98	13.42	1.91
1291.00	17.30	10.10	1275.93	149.47	34.49	153.17	153.40	12.99	1.73
1354.00	18.10	9.30	1335.95	168.35	37.72	172.33	172.52	12.63	1.33
1417.00	19.30	8.80	1395.62	188.30	40.89	192.52	192.68	12.25	1.92
1481.00	20.70	9.90	1455.76	209.89	44.45	214.41	214.55	11.96	2.27
1544.00	21.50	9.50	1514.53	232.25	48.27	237.09	237.21	11.74	1.29
1671.00	21.90	9.20	1632.53	278.58	55.90	284.04	284.13	11.35	.33

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
1766.00	22.20	9.30	1720.59	313.78	61.63	319.71	319.78	11.11	.32
1861.00	21.80	13.20	1808.67	348.67	68.56	355.27	355.35	11.12	1.59
1956.00	19.60	12.90	1897.53	381.38	76.15	388.79	388.91	11.29	2.32
2051.00	19.60	12.30	1987.03	412.48	83.10	420.63	420.77	11.39	.21
2146.00	19.40	12.60	2076.58	443.44	89.94	452.31	452.47	11.47	.24
2242.00	19.70	9.90	2167.05	474.94	96.20	484.41	484.59	11.45	.99
2337.00	19.50	9.30	2256.54	506.37	101.51	516.28	516.44	11.34	.30
2433.00	19.70	8.90	2346.98	538.16	106.61	548.48	548.62	11.20	.25
2529.00	19.90	8.90	2437.31	570.29	111.64	580.99	581.11	11.08	.21
2624.00	20.40	9.20	2526.49	602.61	116.79	613.72	613.82	10.97	.54
2720.00	20.40	9.30	2616.47	635.64	122.16	647.18	647.27	10.88	.04
2783.00	19.70	9.20	2675.65	656.95	125.64	668.77	668.86	10.83	1.11
2847.00	17.30	9.80	2736.34	676.98	128.98	689.08	689.16	10.79	3.76
2910.00	16.60	10.20	2796.60	695.07	132.17	707.45	707.53	10.77	1.13
2974.00	15.50	11.00	2858.11	712.46	135.42	725.14	725.22	10.76	1.75
3038.00	14.50	12.60	2919.93	728.68	138.80	741.69	741.78	10.78	1.69
3101.00	13.00	15.10	2981.12	743.22	142.37	756.63	756.73	10.84	2.56
3165.00	11.60	17.40	3043.65	756.31	146.17	770.18	770.30	10.94	2.32
3228.00	10.10	15.60	3105.52	767.67	149.55	781.96	782.10	11.02	2.44
3292.00	8.50	17.60	3168.68	777.59	152.49	792.23	792.40	11.09	2.55
3355.00	6.80	22.70	3231.12	785.47	155.33	800.48	800.68	11.19	2.90
3418.00	6.50	23.70	3293.69	792.17	158.21	807.58	807.82	11.29	.51
3482.00	4.90	20.40	3357.37	798.05	160.61	813.79	814.05	11.38	2.55
3546.00	4.40	20.90	3421.16	802.91	162.44	818.88	819.17	11.44	.78
3568.00	4.00	18.40	3443.10	804.42	162.99	820.47	820.77	11.45	2.00
Projection to Bit									
3618.00	3.09	12.72	3493.01	807.39	163.83	823.54	823.85	11.47	1.95

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of KERN

On 8/7/08 (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.

PEGGY N. UHLES
Commission # 1660860
Notary Public - California
Kern County
My Comm. Expires Apr 25, 2010

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

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☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

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Signer's Name: _____
☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

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