

As Drilled Plot

District I
25 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
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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30311		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31328	*Property Name SAN JUAN 31-6 UNIT		*Well Number 8N
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6281'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idh	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 Idh	Feet from the	North/South line	Feet from the	East/West line	County
E	6	30N	6W		2318	NORTH	734	WEST	RIO ARriba

* Dedicated Acres: 319.85 Acres - W/2

* Joint or Infill

* Consolidation Code

* Order No.

RCVD NOV 20 08
OIL CONSERV 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

16 1320.00' 1320.00' 1320.00' 2640.00' 2155' 570' 5280.00' 5285.28'	LOT 11 LOT 10 LOT 9 LOT 8 LEASE NM-012735 BOTTOM-HOLE LAT: 36°50.5462' N LONG: 107°30.6248' W DATUM: NAD27 SURFACE LOCATION LAT: 36°50.4142' N LONG: 107°30.6430' W DATUM: NAD83				1310.10' 1320.00' 2640.00'
	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: <i>[Signature]</i> Date: 11-15-08 Printed Name: <i>[Name]</i> 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 <i>[Seal: JASON C. EDWARDS, NEW MEXICO, REGISTERED PROFESSIONAL SURVEYOR, 15269]</i> JASON C. EDWARDS Certificate Number 15269				

HOLD C104 FOR BHL dev. Survey



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 hereby 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 flourish at the end.

Taryn Lambert
Hathaway Burnham Navigational LLC



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

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 9.91
 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
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	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
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
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

KERN

On

8/7/08

Date

before me,

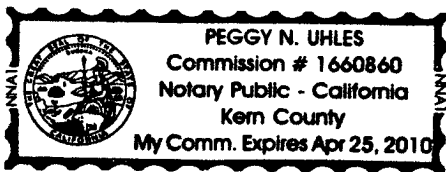
PEGGY N. UHLES, NOTARY PUBLIC

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.

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:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name:

- ☐ Individual
- ☐ Corporate Officer — Title(s):
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other:

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