

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

"As Drilled Plat"
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
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34645		² Pool Code 72319/71599		³ Pool Name MESAVERDE / DAKOTA	
⁴ Property Code 31330		⁵ Property Name SAN JUAN 32-8 UNIT			⁶ Well Number 41A
⁷ OGRID No. 217817		⁸ Operator Name CONOCOPHILLIPS COMPANY			⁹ Elevation 6961

¹⁰ SURFACE LOCATION

UL or lot no. F	Section 23	Township 32N	Range 08W	Lot Idn	Feet from the 1834	North/South line NORTH	Feet from the 1593	East/West line WEST	County SAN JUAN
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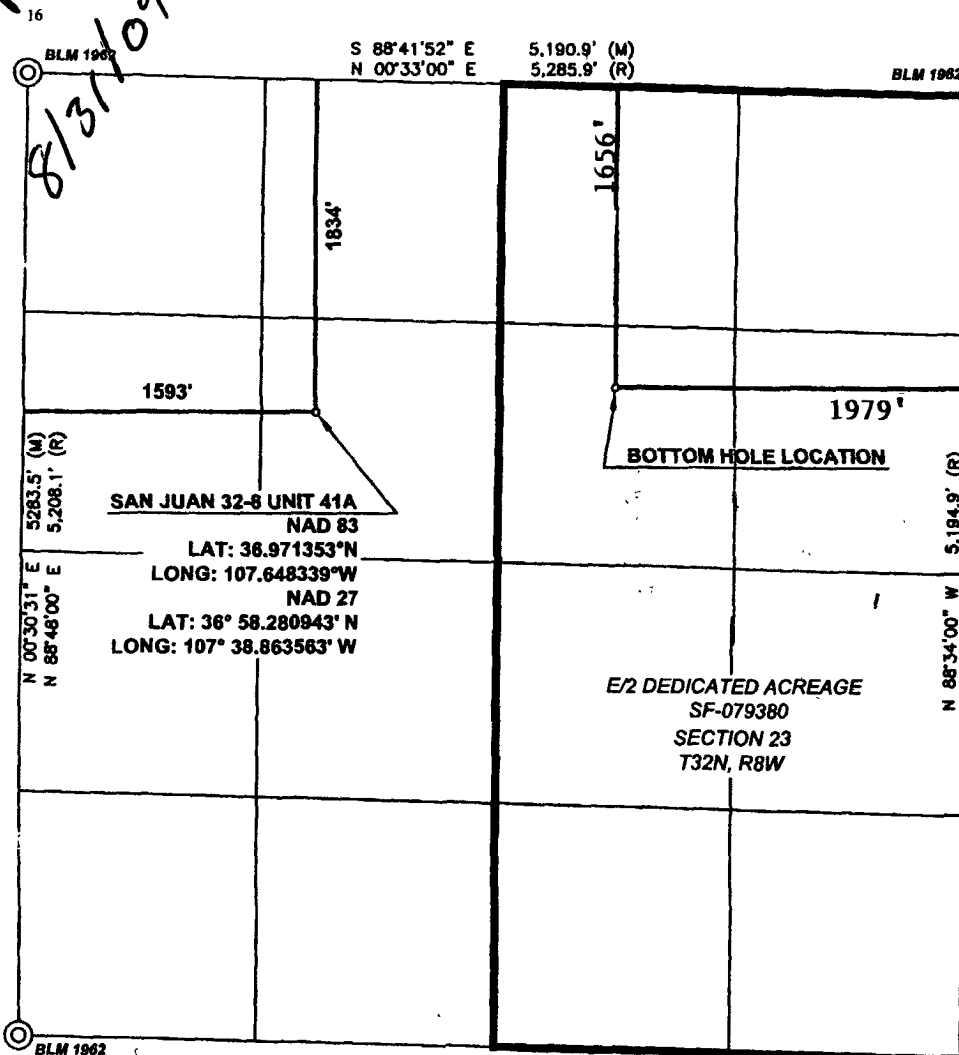
¹¹ Bottom Hole Location If Different From Surface

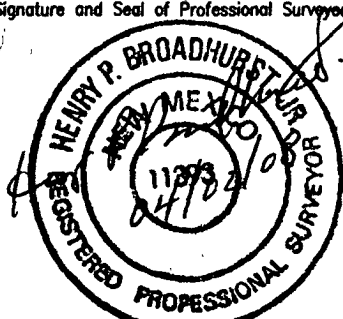
UL or lot no. G	Section 23	Township 32N	Range 08W	Lot Idn	Feet from the 1656'	North/South line NORTH	Feet from the 1979'	East/West line EAST	County SAN JUAN
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¹² Dedicated Acres 320.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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RCVD AUG 31 '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**



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 Ethel Tally	
Printed Name ethel.tally@conocophillips.com	
Title and E-mail Address	
Date	
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: 3/20/08 Signature and Seal of Professional Surveyor	
	
Certificate Number: NM 11393	

COP Deviation Report

SAN JUAN 32-8 UNIT #41A

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 32-8 UNIT #41A	API / UWI 3004534645	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 023-032N-008W-F	N/S Dist (ft) 1,834.00	N/S Ref FNL	E/W Dist (ft) 1,593.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/30/2008	39.16	19.10	MWD	H&B
7/29/2008	120.00	0.75	MWD	H&B
7/29/2008	220.00	0.00	MWD	H&B
7/30/2008	345.00	0.50	MWD	H&B
9/9/2008	375.00	1.20	MWD	H&B
9/9/2008	466.00	0.80	MWD	H&B
9/9/2008	564.00	2.60	MWD	H&B
9/9/2008	653.00	4.90	MWD	H&B
9/9/2008	746.00	7.10	MWD	H&B
9/9/2008	841.00	9.20	MWD	H&B
9/9/2008	936.00	11.80	MWD	H&B
9/9/2008	1,031.00	13.90	MWD	H&B
9/9/2008	1,126.00	16.10	MWD	H&B
9/9/2008	1,221.00	18.50	MWD	H&B
9/9/2008	1,316.00	19.70	MWD	H&B
9/9/2008	1,411.00	20.90	MWD	H&B
9/9/2008	1,506.00	21.80	MWD	H&B
9/9/2008	1,601.00	19.60	MWD	H&B
9/9/2008	1,696.00	19.60	MWD	H&B
9/9/2008	1,792.00	20.20	MWD	H&B
9/9/2008	1,887.00	19.20	MWD	H&B
9/9/2008	1,982.00	19.30	MWD	H&B
9/9/2008	2,076.00	19.80	MWD	H&B
9/9/2008	2,171.00	19.70	MWD	H&B
9/9/2008	2,267.00	19.60	MWD	H&B
9/9/2008	2,362.00	19.90	MWD	H&B
9/9/2008	2,457.00	19.60	MWD	H&B
9/10/2008	2,552.00	19.90	MWD	H&B
9/10/2008	2,647.00	19.50	MWD	H&B
9/10/2008	2,743.00	18.70	MWD	H&B
9/10/2008	2,838.00	19.50	MWD	H&B
9/10/2008	2,933.00	19.60	MWD	H&B
9/10/2008	3,028.00	20.80	MWD	H&B
9/10/2008	3,123.00	20.90	MWD	H&B
9/10/2008	3,218.00	21.30	MWD	H&B
9/10/2008	3,313.00	20.50	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 _____

COP Deviation Report SAN JUAN 32-8 UNIT #41A

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
9/10/2008	3,409.00	19.30	MWD	H&B	
9/10/2008	3,505.00	17.70	MWD	H&B	
9/10/2008	3,568.00	16.70	MWD	H&B	
9/10/2008	3,600.00	16.30	MWD	H&B	
9/10/2008	3,632.00	16.40	MWD	H&B	
9/11/2008	3,662.00	16.30	MWD	H&B	
9/11/2008	3,694.00	15.90	MWD	H&B	
9/11/2008	3,726.00	15.40	MWD	H&B	
9/11/2008	3,757.00	15.60	MWD	H&B	
9/11/2008	3,789.00	16.40	MWD	H&B	
9/11/2008	3,821.00	17.00	MWD	H&B	
9/11/2008	3,852.00	17.50	MWD	H&B	
9/11/2008	3,884.00	18.10	MWD	H&B	
9/11/2008	3,916.00	19.10	MWD	H&B	
9/11/2008	4,011.00	20.20	MWD	H&B	
9/11/2008	4,106.00	21.90	MWD	H&B	
9/11/2008	4,201.00	21.80	MWD	H&B	
9/12/2008	4,296.00	22.00	MWD	H&B	
9/12/2008	4,391.00	18.80	MWD	H&B	
9/12/2008	4,454.00	16.90	MWD	H&B	
9/12/2008	4,518.00	16.40	MWD	H&B	
9/12/2008	4,581.00	15.30	MWD	H&B	
9/12/2008	4,612.00	15.10	MWD	H&B	
9/12/2008	4,644.00	15.30	MWD	H&B	
9/12/2008	4,676.00	15.60	MWD	H&B	
9/12/2008	4,708.00	16.70	MWD	H&B	
9/12/2008	4,739.00	18.20	MWD	H&B	
9/12/2008	4,771.00	19.40	MWD	H&B	
9/13/2008	4,803.00	20.90	MWD	H&B	
9/13/2008	4,834.00	22.50	MWD	H&B	
9/13/2008	4,898.00	20.50	MWD	H&B	
9/13/2008	4,930.00	19.20	MWD	H&B	
9/13/2008	4,961.00	17.80	MWD	H&B	
9/13/2008	4,993.00	17.10	MWD	H&B	
9/13/2008	5,025.00	16.70	MWD	H&B	
9/13/2008	5,057.00	16.10	MWD	H&B	
9/13/2008	5,088.00	16.00	MWD	H&B	
9/13/2008	5,120.00	16.90	MWD	H&B	
9/13/2008	5,148.00	18.90	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 _____

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/15/2008	5,180.00	20.70	MWD	H&B
9/15/2008	5,212.00	20.90	MWD	H&B
9/15/2008	5,276.00	21.20	MWD	H&B
9/13/2008	5,339.00	20.40	MWD	H&B
9/15/2008	5,371.00	19.50	MWD	H&B
9/15/2008	5,403.00	17.70	MWD	H&B
9/16/2008	5,434.00	17.50	MWD	H&B
9/16/2008	5,466.00	18.50	MWD	H&B
9/16/2008	5,497.00	18.50	MWD	H&B
9/16/2008	5,529.00	18.50	MWD	H&B
9/16/2008	5,560.00	18.30	MWD	H&B
9/18/2008	5,655.00	14.90	MWD	H&B
9/18/2008	5,750.00	10.50	MWD	H&B
9/18/2008	5,845.00	7.30	MWD	H&B
9/18/2008	5,940.00	4.30	MWD	H&B
9/28/2008	8,500.00	1.00	MWD	H&B
9/28/2008	8,860.00	1.00	MWD	H&B

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

Aug 28, 2009

Ethel Sally

Notary Public in and for San Juan County, New Mexico

My Commission expires

Oct 1, 2012



Hathaway Burnham Navigational LLC
DIRECTIONAL AND MWD SERVICES

September 19, 2008

RCVD AUG 31 '09

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

OIL CONS. DIV.
DIST. 3

RE: Final Notarized Survey's Well San Juan 32-8 #41A

API # 30-045-34645

Dear Ms. Blackwater,

Please find the enclosed final surveys for well San Juan 32-8 #41A. I hereby Certify to the best of my knowledge these surveys are true and correct.

Sincerely,

A handwritten signature in cursive script that reads 'Taryn Lambert'.

Taryn Lambert
Hathaway Burnham Navigational LLC

HB

Job Number: NM08403
Company: CONOCO PHILLIPS
Lease/Well: SJ 32-8 #41A
Location: SECTION 23N
Rig Name: H&P #281
RKB: ☐
G.L. or M.S.L.: ☐

State/Country: NEW MEXICO/USA
Declination: 10.20
Grid: ☐
File name: C:\WINSERVE\NM08403.SVY
Date/Time: 18-Sep-08 / 09:32
Curve Name: AS DRILLED

API# 30 045 34645

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 83.52
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

RCVD AUG 31 '09

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
375.00	1.20	219.40	374.97	-3.03	-2.49	-2.82	3.93	219.40	.32
466.00	.80	112.00	465.96	-4.01	-2.51	-2.94	4.73	212.03	1.79
564.00	2.60	79.30	563.92	-3.85	.31	-.13	3.86	175.39	2.01
653.00	4.90	83.30	652.72	-3.03	6.07	5.69	6.79	116.56	2.60
746.00	7.10	81.90	745.21	-1.76	15.71	15.41	15.80	96.40	2.37
841.00	9.20	80.80	839.24	.28	29.02	28.86	29.02	89.44	2.22
936.00	11.80	84.10	932.64	2.49	46.18	46.16	46.25	86.91	2.81
1031.00	13.90	82.80	1025.26	4.92	67.16	67.29	67.34	85.81	2.23
1126.00	16.10	82.00	1117.02	8.19	91.53	91.87	91.90	84.89	2.33
1221.00	18.50	80.00	1207.71	12.64	119.42	120.09	120.09	83.96	2.60
1316.00	19.70	79.50	1297.48	18.17	150.01	151.10	151.11	83.09	1.27
1411.00	20.90	83.40	1386.58	23.04	182.59	184.02	184.04	82.81	1.90
1506.00	21.80	83.40	1475.06	27.01	216.95	218.61	218.62	82.90	.95
1601.00	19.60	85.80	1563.93	30.21	250.37	252.18	252.18	83.12	2.48
1696.00	19.60	86.50	1653.42	32.35	282.16	284.01	284.01	83.46	.25
1792.00	20.20	82.00	1743.70	35.64	314.65	316.66	316.66	83.54	1.71
1887.00	19.20	83.00	1833.13	39.83	346.40	348.68	348.68	83.44	1.11
1982.00	19.30	83.50	1922.82	43.51	377.50	380.00	380.00	83.43	.20
2076.00	19.80	83.70	2011.40	47.01	408.76	411.45	411.45	83.44	.54
2171.00	19.70	85.40	2100.82	50.06	440.71	443.55	443.55	83.52	.61
2267.00	19.60	85.30	2191.23	52.68	472.89	475.81	475.81	83.64	.11
2362.00	19.90	82.90	2280.64	55.98	504.81	507.91	507.91	83.67	.91
2457.00	19.60	84.40	2370.05	59.54	536.72	540.01	540.01	83.67	.62

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
				FT	FT	FT	Distance FT	Direction Deg	
2552.00	19.90	80.40	2459.47	63.79	568.52	572.08	572.08	83.60	1.46
2647.00	19.50	81.00	2548.91	68.96	600.12	604.07	604.07	83.44	.47
2743.00	18.70	78.90	2639.62	74.43	631.05	635.42	635.42	83.27	1.10
2838.00	19.50	79.70	2729.39	80.20	661.59	666.42	666.44	83.09	.89
2933.00	19.60	84.10	2818.92	84.67	693.04	698.17	698.20	83.03	1.55
3028.00	20.80	83.40	2908.07	88.25	725.65	730.97	731.00	83.07	1.29
3123.00	20.90	86.10	2996.86	91.34	759.31	764.77	764.79	83.14	1.02
3218.00	21.30	84.80	3085.49	94.06	793.40	798.95	798.96	83.24	.65
3313.00	20.50	85.70	3174.24	96.87	827.17	832.82	832.83	83.32	.91
3409.00	19.30	84.10	3264.50	99.76	859.72	865.49	865.49	83.38	1.37
3505.00	17.70	81.50	3355.54	103.55	889.94	895.94	895.94	83.36	1.87
3568.00	16.70	83.50	3415.72	105.99	908.40	914.56	914.56	83.34	1.84
3600.00	16.30	82.70	3446.40	107.08	917.42	923.65	923.65	83.34	1.44
3632.00	16.40	83.90	3477.11	108.13	926.37	932.66	932.66	83.34	1.10
3662.00	16.30	84.30	3505.90	109.00	934.77	941.10	941.10	83.35	.50
3694.00	15.90	85.50	3536.64	109.79	943.61	949.97	949.97	83.36	1.63
3726.00	15.40	85.70	3567.46	110.45	952.22	958.60	958.60	83.38	1.57
3757.00	15.60	85.20	3597.33	111.11	960.47	966.88	966.88	83.40	.78
3789.00	16.40	85.50	3628.09	111.82	969.27	975.69	975.69	83.42	2.51
3821.00	17.00	85.70	3658.74	112.53	978.43	984.88	984.88	83.44	1.88
3852.00	17.50	85.70	3688.34	113.22	987.60	994.07	994.07	83.46	1.61
3884.00	18.10	85.90	3718.81	113.93	997.36	1003.84	1003.84	83.48	1.88
3916.00	19.10	86.70	3749.14	114.59	1007.54	1014.04	1014.04	83.51	3.23
4011.00	20.20	83.70	3838.61	117.29	1039.36	1045.96	1045.96	83.56	1.57
4106.00	21.90	87.00	3927.27	120.01	1073.36	1080.05	1080.05	83.62	2.18
4201.00	21.80	87.00	4015.44	121.86	1108.67	1115.34	1115.35	83.73	.11
4296.00	22.00	85.50	4103.59	124.18	1144.03	1150.73	1150.75	83.80	.63
4391.00	18.80	84.30	4192.62	127.10	1177.01	1183.83	1183.85	83.84	3.40
4454.00	16.90	83.30	4252.59	129.18	1196.20	1203.14	1203.16	83.84	3.05
4518.00	16.40	81.70	4313.90	131.57	1214.38	1221.47	1221.49	83.82	1.06
4581.00	15.30	83.70	4374.51	133.76	1231.45	1238.67	1238.69	83.80	1.95
4612.00	15.10	86.30	4404.42	134.47	1239.54	1246.80	1246.81	83.81	2.29
4644.00	15.30	84.90	4435.30	135.12	1247.90	1255.18	1255.20	83.82	1.31
4676.00	15.60	84.90	4466.15	135.87	1256.40	1263.70	1263.72	83.83	.94
4708.00	16.70	84.30	4496.88	136.71	1265.26	1272.60	1272.62	83.83	3.48
4739.00	18.20	82.30	4526.46	137.80	1274.49	1281.90	1281.92	83.83	5.21
4771.00	19.40	80.40	4556.75	139.36	1284.68	1292.20	1292.22	83.81	4.21
4803.00	20.90	76.70	4586.79	141.56	1295.48	1303.18	1303.19	83.76	6.15
4834.00	22.50	75.80	4615.59	144.29	1306.61	1314.54	1314.55	83.70	5.27
4898.00	20.50	77.00	4675.14	149.81	1329.40	1337.82	1337.82	83.57	3.20
4930.00	19.20	76.30	4705.23	152.32	1339.97	1348.60	1348.60	83.51	4.13
4961.00	17.80	76.40	4734.63	154.64	1349.53	1358.36	1358.36	83.46	4.52
4993.00	17.10	77.80	4765.16	156.79	1358.88	1367.90	1367.90	83.42	2.55

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
5025.00	16.70	80.50	4795.78	158.54	1368.02	1377.17	1377.17	83.39	2.75
5057.00	16.10	84.40	4826.48	159.73	1376.97	1386.20	1386.20	83.38	3.92
5088.00	16.00	86.30	4856.27	160.43	1385.51	1394.76	1394.77	83.40	1.72
5120.00	16.90	86.10	4886.96	161.03	1394.55	1403.82	1403.82	83.41	2.82
5148.00	18.90	85.60	4913.60	161.65	1403.13	1412.41	1412.42	83.43	7.16
5180.00	20.70	85.70	4943.71	162.47	1413.94	1423.25	1423.25	83.45	5.63
5212.00	20.90	84.50	4973.62	163.44	1425.26	1434.60	1434.61	83.46	1.47
5276.00	21.20	84.80	5033.35	165.59	1448.15	1457.59	1457.59	83.48	.50
5339.00	20.40	85.10	5092.25	167.56	1470.44	1479.95	1479.95	83.50	1.28
5371.00	19.50	85.60	5122.33	168.44	1481.32	1490.86	1490.86	83.51	2.86
5403.00	17.70	86.30	5152.65	169.17	1491.50	1501.06	1501.06	83.53	5.67
5434.00	17.50	86.90	5182.20	169.72	1500.86	1510.42	1510.42	83.55	.87
5466.00	18.30	86.20	5212.65	170.32	1510.67	1520.24	1520.24	83.57	2.59
5497.00	18.50	85.00	5242.07	171.07	1520.43	1530.02	1530.02	83.58	1.38
5529.00	18.50	83.00	5272.41	172.13	1530.53	1540.17	1540.17	83.58	1.98
5560.00	18.30	83.10	5301.83	173.31	1540.24	1549.96	1549.96	83.58	.65
5655.00	14.90	87.20	5392.86	175.70	1567.25	1577.07	1577.07	83.60	3.78
5750.00	10.50	89.90	5485.51	176.31	1588.12	1597.87	1597.88	83.66	4.67
5845.00	7.30	89.50	5579.36	176.38	1602.81	1612.48	1612.49	83.72	3.37
5940.00	4.30	79.50	5673.86	177.08	1612.35	1622.04	1622.05	83.73	3.32
6038.00	1.90	87.50	5771.71	177.82	1617.59	1627.32	1627.34	83.73	2.48
--Projection to Bit--									
6098.00	.43	92.40	5831.70	177.86	1618.81	1628.54	1628.55	83.73	2.45

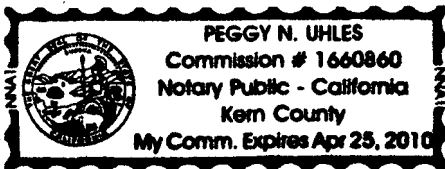
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of KERN

On SEPT 23, 2008 before me, PEGGY N. UHLES, NOTARY PUBLIC
Date 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: _____

Signer Is Representing: _____

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OF SIGNER
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