

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

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 30-045-34083		² Pool Code 71599	³ Pool Name Basin-Dakota
⁴ Property Code 305237	⁵ Property Name Navajo AA		⁶ Well Number 3
⁷ OGRID No. 131994	⁸ Operator Name Four Star Oil & Gas Company		⁹ Elevation 6092'

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
Lot 3	19	27-N	11-W		1740	South	965	West	San Juan

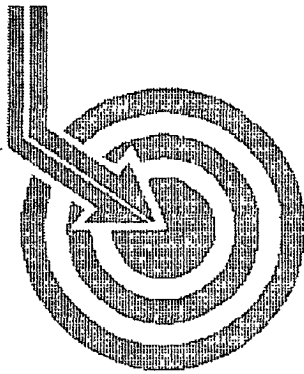
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lot 3	19	27-N	11-W		577	South	2275	West	San Juan

¹² Dedicated Acres 318.3 (S/2) ¹³ Joint or Infill Y ¹⁴ Consolidation Code ¹⁵ Order No. **NSL-5878**

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.

¹⁶ Lot 1 39.04 Lot 2 39.09 Producing Interval Locations BHL Top Pay 647' FSL & 2215' FWL Lat 36° 33' 18.641 N Long 108° 2' 45.113 W NAD 27 BHL Base Pay 618' FSL & 2241' FWL Lat 36° 33' 18.343 N Long 108° 2' 45.785 W NAD 27 SI Pending NSL Application Approval	<i>"This Plat As Drilled"</i>		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. <i>Alan W. Bohling</i> May 21, 2008 Signature Date Alan W. Bohling - Regulatory Agent Printed Name



Scientific Drilling

RCVD AUG 1 '08
OIL CONS. DIV.

DIST. 3

CHEVRON

Field: Navajo
Site: San Juan County, NM
Well: Navajo AA #3
Wellpath: DH - Job #33D0308051
Survey: 03/25/08-04/04/08

30-045-34083
NSL-5878

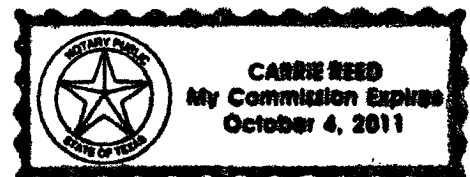
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....L. Wharton..... Company Representative

Notorized this date 5th of April, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CHEVRON	Date: 04/25/2008	Time: 10:27:19	Page: 1
Field: Navajo	Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North		
Site: San Juan County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Navajo AA #3	Section (VS) Reference: Well (0.00N,0.00E,130.92Azi)		
Wellpath: DH - Job #33D0308051	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 03/25/08-04/04/08	Start Date: 03/25/2008
E-field 0'-6782'	
Company: Scientific Drilling Internatio	Engineer: Lowe/Gillespie/Stelzer/Lockard
Tool: E-Field;E-Field Steering	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
454.00	1.77	294.01	453.93	-6.71	2.85	-6.41	0.39	7.01	294.01
485.00	1.63	298.15	484.91	-7.60	3.26	-7.23	0.60	7.93	294.24
516.00	1.05	311.35	515.91	-8.31	3.65	-7.83	2.11	8.64	294.99
547.00	0.35	30.55	546.90	-8.61	3.92	-8.00	3.36	8.91	296.11
578.00	1.30	102.79	577.90	-8.32	3.92	-7.61	4.00	8.56	297.29
609.00	2.65	117.94	608.88	-7.31	3.51	-6.63	4.63	7.50	297.90
639.00	3.64	117.63	638.84	-5.71	2.74	-5.17	3.30	5.86	297.94
670.00	4.40	116.34	669.76	-3.60	1.76	-3.24	2.47	3.68	298.53
701.00	5.12	117.94	700.65	-1.10	0.58	-0.95	2.36	1.12	301.61
732.00	5.77	118.44	731.51	1.77	-0.81	1.64	2.10	1.83	116.13
763.00	6.62	119.95	762.33	5.04	-2.44	4.56	2.79	5.17	118.14
794.00	7.37	124.05	793.10	8.77	-4.45	7.76	2.91	8.94	119.82
825.00	8.40	125.94	823.81	13.00	-6.89	11.24	3.43	13.18	121.50
856.00	9.19	127.76	854.44	17.73	-9.73	15.03	2.70	17.90	122.93
887.00	10.13	129.25	885.00	22.93	-12.97	19.10	3.14	23.09	124.19
918.00	11.09	129.57	915.47	28.63	-16.60	23.51	3.10	28.78	125.23
949.00	11.64	129.68	945.86	34.74	-20.49	28.21	1.78	34.87	126.00
979.00	11.73	130.27	975.24	40.82	-24.40	32.87	0.50	40.93	126.59
1014.00	11.75	133.23	1009.51	47.93	-29.14	38.18	1.72	48.03	127.35
1076.00	13.19	133.75	1070.05	61.31	-38.35	47.89	2.33	61.35	128.69
1137.00	14.34	132.08	1129.29	75.81	-48.23	58.52	1.99	75.83	129.49
1199.00	16.13	130.50	1189.11	92.10	-58.97	70.77	2.96	92.12	129.80
1230.00	16.05	129.94	1218.90	100.69	-64.52	77.33	0.56	100.71	129.84
1292.00	16.30	131.74	1278.44	117.96	-75.81	90.39	0.90	117.98	129.99
1368.00	15.79	131.76	1351.48	138.97	-89.80	106.07	0.67	138.97	130.25
1458.00	16.77	131.06	1437.87	164.19	-106.48	124.99	1.11	164.20	130.43
1547.00	17.79	129.65	1522.86	190.63	-123.59	145.14	1.24	190.63	130.42
1637.00	16.73	129.12	1608.80	217.32	-140.54	165.78	1.19	217.33	130.29
1727.00	18.08	130.00	1694.68	244.23	-157.69	186.53	1.53	244.25	130.21
1817.00	18.67	130.05	1780.09	272.60	-175.94	208.25	0.66	272.62	130.19
1907.00	18.33	129.01	1865.44	301.15	-194.11	230.28	0.53	301.18	130.13
1997.00	17.19	129.67	1951.15	328.59	-211.51	251.51	1.29	328.63	130.06
2087.00	16.19	133.68	2037.36	354.42	-228.67	270.82	1.69	354.45	130.18
2176.00	15.99	138.81	2122.88	378.96	-246.46	287.87	1.61	378.96	130.57
2266.00	17.84	130.28	2208.99	405.03	-264.71	306.56	3.43	405.03	130.81
2356.00	18.00	128.83	2294.63	432.71	-282.34	327.91	0.53	432.71	130.73
2446.00	17.80	131.25	2380.27	460.36	-300.13	349.08	0.86	460.37	130.69
2536.00	16.67	134.30	2466.23	487.01	-318.22	368.66	1.61	487.01	130.80
2626.00	17.22	134.33	2552.32	513.19	-336.54	387.43	0.61	513.19	130.98
2685.00	18.01	133.85	2608.56	531.02	-348.96	400.26	1.36	531.02	131.08
2793.00	16.12	134.74	2711.80	562.65	-371.09	422.95	1.77	562.66	131.26
2883.00	16.62	134.14	2798.15	587.97	-388.84	441.06	0.59	587.99	131.40
2973.00	16.28	130.15	2884.47	613.44	-405.94	459.94	1.31	613.46	131.43
3063.00	16.82	132.18	2970.74	639.07	-422.82	479.23	0.88	639.09	131.42
3153.00	18.35	131.58	3056.53	666.26	-440.97	499.48	1.71	666.28	131.44
3243.00	18.93	130.71	3141.81	695.02	-459.89	521.14	0.71	695.05	131.43
3333.00	18.15	130.50	3227.14	723.64	-478.52	542.87	0.87	723.66	131.39
3422.00	16.70	130.32	3312.05	750.29	-495.79	563.16	1.63	750.31	131.36



Scientific Drilling International Survey Report

Company: CHEVRON	Date: 04/25/2008	Time: 10:27:19	Page: 2
Field: Navajo	Co-ordinate(NE) Reference:	Site: San Juan County, NM, Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: Navajo AA #3	Section (VS) Reference:	Well (0.00N,0.00E,130.92Azi)	
Wellpath: DH - Job #33D0308051	Survey Calculation Method:	Minimum Curvature	
		Db:	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3512.00	17.08	131.49	3398.17	776.43	-512.92	582.92	0.57	776.45	131.34
3602.00	17.78	132.72	3484.04	803.38	-531.00	602.92	0.88	803.41	131.37
3692.00	16.51	130.83	3570.04	829.91	-548.68	622.69	1.54	829.94	131.38
3782.00	17.63	130.90	3656.07	856.33	-565.97	642.67	1.24	856.35	131.37
3872.00	17.99	127.47	3741.76	883.83	-583.35	664.00	1.23	883.85	131.30
3962.00	16.54	129.73	3827.70	910.51	-599.99	684.89	1.77	910.52	131.22
4052.00	15.94	131.34	3914.11	935.68	-616.34	704.02	0.83	935.69	131.20
4141.00	16.05	133.03	3999.67	960.19	-632.81	722.19	0.54	960.21	131.23
4231.00	17.98	132.13	4085.72	986.52	-650.62	741.58	2.16	986.54	131.26
4321.00	24.76	131.01	4169.49	1019.29	-672.33	766.14	7.55	1019.31	131.27
4411.00	26.07	130.96	4250.78	1057.92	-697.66	795.29	1.46	1057.93	131.26
4501.00	26.18	131.25	4331.58	1097.54	-723.72	825.15	0.19	1097.56	131.25
4591.00	23.48	131.52	4413.25	1135.33	-748.70	853.51	3.00	1135.35	131.26
4681.00	20.90	131.84	4496.58	1169.32	-771.29	878.90	2.87	1169.34	131.27
4768.00	17.63	130.31	4578.70	1198.02	-790.17	900.51	3.80	1198.04	131.27
4866.00	16.13	124.99	4672.48	1226.40	-807.58	922.98	2.20	1226.41	131.18
4956.00	15.62	132.05	4759.05	1250.95	-822.87	942.23	2.22	1250.96	131.13
5046.00	16.77	132.92	4845.48	1276.04	-839.83	960.73	1.31	1276.05	131.16
5136.00	13.19	131.00	4932.41	1299.29	-855.41	978.00	4.02	1299.31	131.17
5226.00	11.64	136.60	5020.31	1318.60	-868.74	991.98	2.18	1318.62	131.21
5316.00	17.15	126.29	5107.46	1340.88	-883.21	1008.93	6.73	1340.90	131.20
5406.00	17.65	121.48	5193.35	1367.57	-898.19	1031.27	1.69	1367.57	131.05
5496.00	14.01	122.19	5279.92	1391.80	-911.12	1052.13	4.05	1391.80	130.89
5586.00	16.07	129.24	5366.84	1415.03	-924.81	1071.00	3.06	1415.03	130.81
5676.00	15.53	134.13	5453.44	1439.51	-941.08	1089.30	1.60	1439.51	130.82
5765.00	14.88	136.68	5539.33	1462.77	-957.69	1105.69	1.05	1462.77	130.90
5855.00	16.20	136.52	5626.03	1486.77	-975.20	1122.26	1.47	1486.77	130.99
5945.00	19.99	133.26	5711.57	1514.64	-994.86	1142.11	4.36	1514.65	131.06
6035.00	16.77	135.10	5796.97	1542.97	-1014.61	1162.48	3.63	1542.98	131.11
6125.00	16.38	134.08	5883.23	1568.59	-1032.63	1180.76	0.54	1568.61	131.17
6215.00	17.74	129.95	5969.27	1594.97	-1050.27	1200.39	2.02	1594.99	131.18
6305.00	15.53	130.77	6055.50	1620.74	-1066.94	1220.03	2.47	1620.75	131.17
6395.00	13.92	130.47	6142.54	1643.61	-1081.84	1237.39	1.79	1643.63	131.16
6485.00	16.98	138.52	6229.29	1667.47	-1098.71	1254.34	4.14	1667.49	131.22
6574.00	16.69	138.96	6314.47	1693.01	-1118.09	1271.33	0.36	1693.05	131.33
6664.00	14.78	140.72	6401.10	1717.12	-1136.73	1287.09	2.19	1717.19	131.45
6782.00	13.66	140.87	6515.48	1745.67	-1159.19	1305.41	0.95	1745.80	131.60



Scientific
Drilling

Field: Navajo
Site: San Juan County, NM
Well: Navajo AA #3
Wellpath: DH - Job #33D0308051
Survey: 03/25/08-04/04/08



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 04/25/2008
Model: igrf2000

