

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 30-045-34235		² Pool Code 71629		³ Pool Name Basin Fruitland Coal	
⁴ Property Code 303528		⁵ Property Name Gilbreath			⁶ Well Number 2
⁷ OGRID No. 131994		⁸ Operator Name Four Star Oil & Gas Company			⁹ Elevation 5531'

¹⁰ Surface Location

UL or lot no. O	Section 28	Township 30-N	Range 12-W	Lot Idn	Feet from the 195	North/South line South	Feet from the 1505	East/West line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

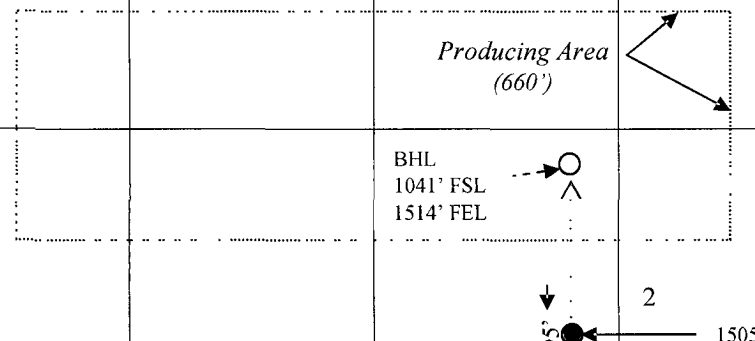
UL or lot no. O	Section 28	Township 30-N	Range 12-W	Lot Idn	Feet from the 1041	North/South line South	Feet from the 1514	East/West line East	County San Juan
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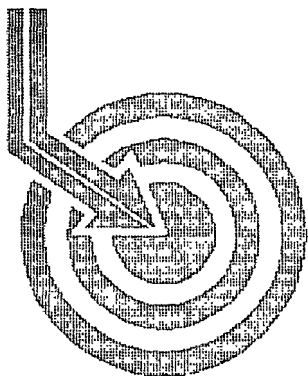
¹² Dedicated Acres 320 (S/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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RCVD JUN 20 '08

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.

OIL CONS. DIV.
DIST. 3

¹⁶ <u>"This Plat As Drilled"</u>				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  June 18, 2008 Signature Date Alan W. Bohling - Regulatory Agent 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 November 19, 2006 Date of Survey Signature and Seal of Professional Surveyor John A. Vukonich 14831 Certificate Number	



Scientific Drilling

CHEVRON

Field: Gilbreath
Site: San Juan County, NM
Well: Gilbreath #2
Wellpath: DH - Job #32D0408073
Survey: 04/30/08-05/06/08

RCVD JUN 20 '08

OIL CONS. DIV.

DIST. 3

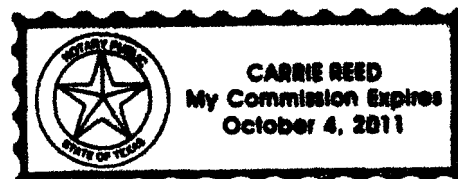
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Richard*.....Company Representative

Notorized this date 13th of June, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: CHEVRON	Date: 06/13/2008	Time: 10:40:00	Page: 1
Field: Gilbreath	Co-ordinate(NE) Reference: Site: San Juan County, NM	Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Gilbreath #2	Section (VS) Reference: Well (0.00N;0.00E,0.01Azi)		
Wellpath: DH - Job #32D0408073	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 04/30/08-05/06/08	Start Date: 04/30/2008
E-field 0'-2120'	
Company: Scientific Drilling Internatio	Engineer: Gillespie/Vestal/Richey/Blosse
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	DES 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
206.00	1.27	146.33	205.98	-1.90	-1.90	1.27	0.62	2.28	146.33
237.00	0.98	154.03	236.98	-2.42	-2.42	1.57	1.05	2.89	147.03
268.00	0.75	54.59	267.97	-2.54	-2.55	1.85	4.28	3.15	143.93
299.00	1.69	13.59	298.97	-1.98	-1.98	2.13	3.96	2.91	133.00
330.00	2.74	359.03	329.94	-0.80	-0.80	2.22	3.82	2.36	109.76
361.00	4.26	356.85	360.89	1.09	1.09	2.15	4.92	2.41	63.01
392.00	5.26	353.01	391.78	3.65	3.65	1.91	3.38	4.12	27.60
423.00	6.52	355.00	422.61	6.82	6.82	1.58	4.12	7.00	13.07
453.00	8.07	357.00	452.37	10.62	10.62	1.32	5.23	10.70	7.11
484.00	-9.68	357.72	483.00	15.39	15.39	1.11	5.21	15.43	4.11
515.00	11.26	358.56	513.48	21.02	21.02	0.93	5.12	21.04	2.52
546.00	13.11	358.54	543.78	27.57	27.56	0.76	5.97	27.58	1.58
577.00	14.75	358.94	573.87	35.03	35.03	0.60	5.30	35.03	0.98
608.00	16.73	359.31	603.71	43.43	43.43	0.47	6.40	43.44	0.62
639.00	18.62	359.45	633.24	52.84	52.84	0.37	6.10	52.85	0.40
670.00	20.45	359.58	662.45	63.21	63.21	0.28	5.90	63.21	0.26
701.00	22.74	359.82	691.28	74.62	74.62	0.23	7.39	74.62	0.17
732.00	25.00	359.78	719.62	87.16	87.16	0.18	7.29	87.16	0.12
763.00	26.68	359.02	747.52	100.67	100.67	0.04	5.52	100.67	0.02
794.00	29.40	359.47	774.88	115.24	115.24	-0.15	8.80	115.24	359.92
825.00	30.63	359.00	801.72	130.75	130.75	-0.36	4.04	130.75	359.84
856.00	32.75	359.31	828.10	147.03	147.03	-0.60	6.86	147.03	359.77
887.00	33.54	359.15	854.06	163.98	163.98	-0.83	2.56	163.98	359.71
917.00	34.36	359.67	878.94	180.73	180.73	-1.00	2.90	180.73	359.68
948.00	35.21	0.36	904.40	198.42	198.42	-0.99	3.02	198.42	359.71
997.00	35.04	0.38	944.48	226.61	226.61	-0.81	0.35	226.61	359.79
1042.00	35.64	0.79	981.19	252.64	252.64	-0.55	1.43	252.64	359.88
1087.00	34.92	0.54	1017.92	278.62	278.62	-0.24	1.63	278.62	359.95
1132.00	34.92	0.75	1054.82	304.38	304.38	0.05	0.27	304.38	0.01
1177.00	34.50	0.44	1091.81	330.00	330.00	0.31	1.01	330.00	0.05
1222.00	34.09	0.14	1128.99	355.36	355.36	0.44	0.99	355.36	0.07
1267.00	34.14	0.19	1166.24	380.60	380.60	0.51	0.13	380.60	0.08
1312.00	33.84	0.07	1203.56	405.75	405.75	0.57	0.68	405.76	0.08
1356.00	33.42	359.32	1240.19	430.12	430.12	0.44	1.34	430.12	0.06
1401.00	33.25	359.22	1277.79	454.85	454.85	0.13	0.40	454.85	0.02
1446.00	32.47	359.28	1315.59	479.26	479.26	-0.19	1.73	479.26	359.98
1491.00	32.55	359.79	1353.54	503.45	503.45	-0.39	0.63	503.45	359.96
1536.00	31.40	358.98	1391.71	527.28	527.28	-0.64	2.73	527.28	359.93
1581.00	31.34	359.12	1430.13	550.70	550.70	-1.03	0.21	550.70	359.89
1626.00	32.48	359.46	1468.33	574.48	574.48	-1.32	2.56	574.48	359.87
1671.00	32.92	358.69	1506.20	598.79	598.79	-1.72	1.35	598.79	359.84
1716.00	33.34	358.22	1543.88	623.37	623.37	-2.38	1.09	623.38	359.78
1761.00	32.21	358.14	1581.72	647.72	647.72	-3.15	2.51	647.73	359.72
1806.00	32.31	357.34	1619.77	671.72	671.72	-4.10	0.97	671.73	359.65
1851.00	32.97	357.47	1657.66	695.97	695.97	-5.20	1.47	695.99	359.57
1896.00	33.81	358.27	1695.24	720.71	720.71	-6.12	2.11	720.74	359.51
1940.00	34.13	358.23	1731.73	745.29	745.29	-6.87	0.73	745.32	359.47
1985.00	34.63	358.76	1768.87	770.69	770.69	-7.54	1.29	770.73	359.44



Scientific
Drilling

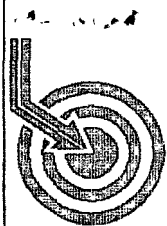
Scientific Drilling International

Survey Report

Company: CHEVRON Date: 06/13/2008 Time: 10:40:00 Page: 2
Field: Gilbreath Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Site: San Juan County, NM Vertical (TVD) Reference: SITE 0.0
Well: Gilbreath #2 Section (VS) Reference: Well (0.00N,0.00E,0.01Azi)
Wellpath: DH Job #32D0408073 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
2030.00	34.14	358.34	1806.00	796.09	796.10	-8.18	1.21	796.14	359.41
2075.00	33.65	358.41	1843.35	821.18	821.18	-8.89	1.09	821.23	359.38
2120.00	33.53	358.96	1880.84	846.07	846.07	-9.46	0.73	846.12	359.36



**Scientific
Drilling**

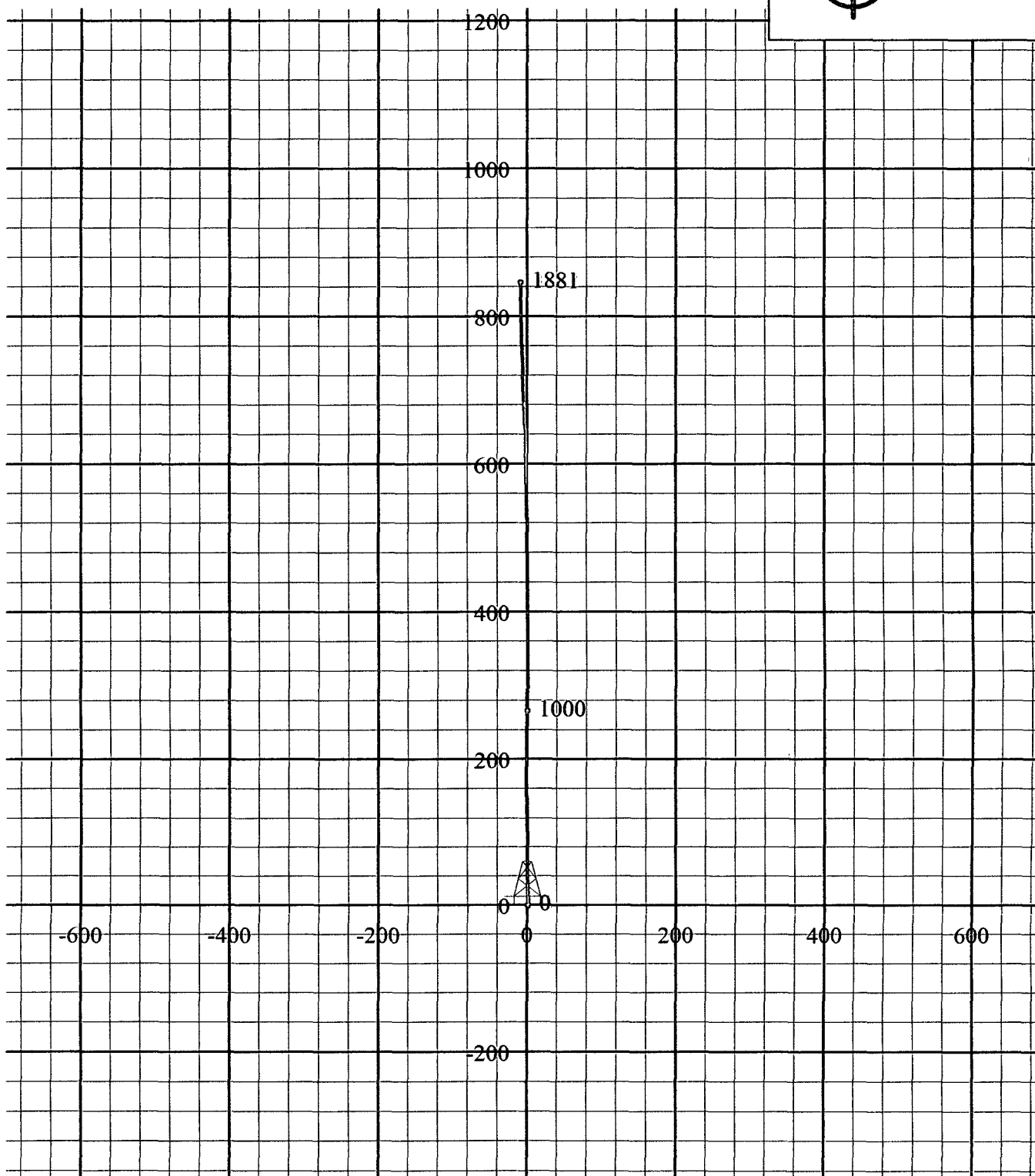
Field: Gilbreath
Site: San Juan County, NM
Well: Gilbreath #2
Wellpath: DH - Job #32D0408073
Survey: 04/30/08-05/06/08



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/13/2008
Model: igrf2000

South(-)/North(+) [100ft/in]



West(-)/East(+) [100ft/in]