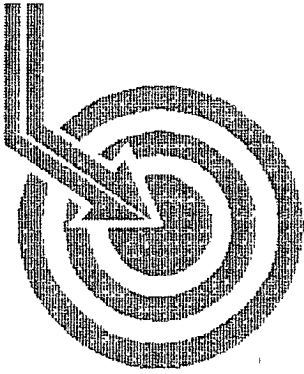




Scientific Drilling

YATES PETROLEUM

Field: Cottonwood Creek
 Site: Eddy County, NM
 Well: Link BKT Federal Com #1HY
 Wellpath: VH - Job #32K0109047
 Survey: 01/30/09

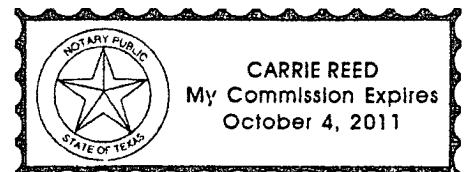
This survey is correct to the best of my knowledge
 and is supported by actual field data.

.....*K. Hart*..... Company Representative

Notorized this date 23rd of February, 2009.

Carrie Reed

Notary Signature
 County of Midland
 State of Texas





Scientific
Drilling

Scientific Drilling International

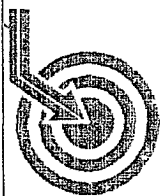
Survey Report

Company: YATES PETROLEUM	Date: 02/24/2009	Time: 17:08:38	Page: 1
Field: Cottonwood Creek	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: Link BKT Federal Com #1H	Section (VS) Reference:	Well: (0.00N,0.00E,89.92Azi)	
Wellpath: VH - Job #32K0109047	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 01/30/09	Start Date: 01/30/2009
Field: KSRG 0'-4110'	
Company: Scientific Drilling Internatio	Engineer: Melendez w/GeoGyro
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

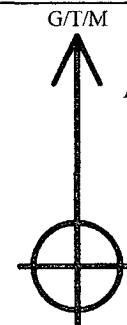
Survey

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	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.75	177.24	100.00	0.03	-0.65	0.03	0.75	0.65	177.24
200.00	0.66	174.43	199.99	0.12	-1.88	0.12	0.10	1.88	176.38
300.00	0.79	168.12	299.98	0.31	-3.13	0.32	0.15	3.14	174.22
400.00	0.50	158.14	399.98	0.62	-4.21	0.62	0.31	4.25	171.60
500.00	0.77	167.35	499.97	0.92	-5.27	0.93	0.29	5.35	169.98
600.00	0.60	147.25	599.96	1.35	-6.36	1.36	0.29	6.51	167.93
700.00	0.33	116.89	699.96	1.89	-6.94	1.90	0.36	7.19	164.67
800.00	0.66	115.12	799.95	2.67	-7.31	2.68	0.33	7.79	159.87
900.00	0.61	97.13	899.95	3.72	-7.62	3.73	0.20	8.48	153.92
1000.00	0.47	138.24	999.94	4.52	-7.99	4.53	0.40	9.19	150.45
1100.00	0.53	148.75	1099.94	5.03	-8.69	5.04	0.11	10.05	149.88
1200.00	0.63	118.76	1199.94	5.75	-9.35	5.77	0.32	10.99	148.35
1300.00	2.26	90.48	1299.90	8.21	-9.63	8.22	1.73	12.66	139.53
1400.00	3.51	90.82	1399.77	13.24	-9.70	13.25	1.25	16.42	126.19
1500.00	3.01	99.36	1499.61	18.89	-10.17	18.90	0.70	21.46	118.27
1600.00	2.58	101.51	1599.49	23.68	-11.04	23.70	0.44	26.15	114.98
1700.00	1.67	98.61	1699.42	27.33	-11.71	27.35	0.92	29.75	113.18
1800.00	0.65	90.27	1799.40	29.34	-11.93	29.35	1.03	31.69	112.12
1900.00	0.25	54.82	1899.40	30.08	-11.81	30.10	0.47	32.33	111.42
2000.00	0.29	47.74	1999.40	30.45	-11.51	30.46	0.05	32.57	110.70
2100.00	0.39	35.19	2099.39	30.83	-11.06	30.85	0.12	32.77	109.73
2200.00	0.40	28.61	2199.39	31.20	-10.48	31.21	0.05	32.92	108.56
2300.00	0.31	39.99	2299.39	31.54	-9.96	31.55	0.11	33.09	107.53
2400.00	0.18	40.82	2399.39	31.82	-9.64	31.83	0.13	33.26	106.85
2500.00	0.34	26.45	2499.39	32.05	-9.25	32.06	0.17	33.37	106.10
2600.00	0.72	250.06	2599.39	31.59	-9.20	31.61	0.99	32.92	106.23
2700.00	0.57	249.80	2699.38	30.53	-9.59	30.55	0.15	32.02	107.43
2800.00	0.69	258.42	2799.37	29.48	-9.88	29.49	0.15	31.10	108.52
2900.00	0.70	260.17	2899.37	28.29	-10.11	28.30	0.02	30.05	109.65
3000.00	0.76	265.99	2999.36	27.02	-10.26	27.04	0.10	28.92	110.78
3100.00	0.58	259.71	3099.35	25.86	-10.39	25.88	0.19	27.89	111.88
3200.00	0.66	255.49	3199.35	24.81	-10.63	24.82	0.09	27.00	113.18
3300.00	0.53	246.95	3299.34	23.82	-10.95	23.84	0.16	26.23	114.68
3400.00	0.49	251.71	3399.34	22.99	-11.27	23.01	0.06	25.62	116.10
3500.00	0.38	255.45	3499.33	22.26	-11.49	22.28	0.11	25.07	117.27
3600.00	0.19	18.88	3599.33	22.00	-11.41	22.01	0.51	24.79	117.41
3700.00	0.16	27.83	3699.33	22.12	-11.13	22.13	0.04	24.77	116.70
3800.00	0.33	61.05	3799.33	22.43	-10.87	22.45	0.21	24.94	115.84
3900.00	0.19	57.60	3899.33	22.83	-10.64	22.84	0.14	25.20	114.98
4000.00	0.18	75.06	3999.33	23.12	-10.51	23.13	0.06	25.41	114.44
4100.00	0.32	72.55	4099.33	23.54	-10.39	23.55	0.14	25.74	113.80
4110.00	0.39	73.97	4109.33	23.59	-10.37	23.61	0.71	25.79	113.71



**Scientific
Drilling**

Field: Cottonwood Creek
Site: Eddy County, NM
Well: Link BKT Federal Com #1H
Wellpath: VH - Job #32K0109047
Survey: 01/30/09



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 02/22/2009
Model: igrf2000

West(-)/East(+) [5ft/in]

South(-)/North(+) [5ft/in]

