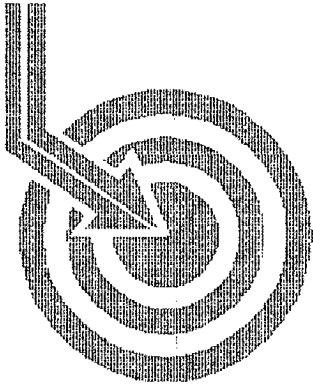




Scientific Drilling

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JUL 17 2006

ODD-ASTORIA

PURE RESOURCES

Field: Meade

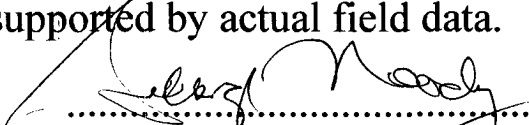
Site: Eddy County, NM

Well: Meade #7

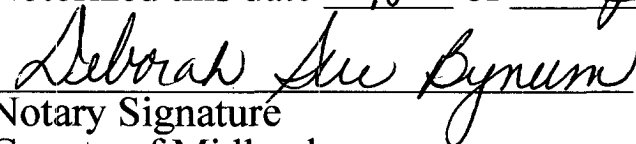
Wellpath: VH - Job #32K0605438

Survey: 06/20/05

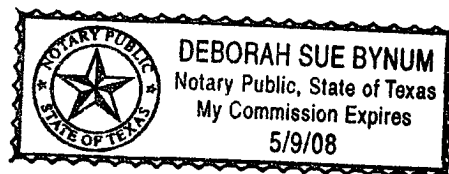
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Company Representative

Notorized this date 18th of July, 2005.



Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: PURE RESOURCES
Field: Meade
Site: Eddy County, NM
Well: Meade #7
Wellpath: VH - Job #32K0605438

Date: 7/17/2005 Time: 18:35:29 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,121.30Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 06/20/05 Start Date: 6/20/2005
KSRG 0'-11742'
Company: Scientific Drilling Internatio Engineer: Carter w/P&M
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	359.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.16	326.72	200.00	-0.25	0.23	-0.15	0.08	0.28	326.72
400.00	1.21	8.68	399.98	-1.32	2.55	0.01	0.55	2.55	0.27
600.00	1.59	27.70	599.92	-2.30	7.10	1.62	0.30	7.28	12.86
800.00	1.59	24.09	799.85	-2.82	12.09	4.04	0.05	12.75	18.49
1000.00	1.37	41.95	999.78	-2.73	16.40	6.77	0.25	17.74	22.44
1200.00	1.19	49.28	1199.73	-1.65	19.53	9.95	0.12	21.92	26.99
1400.00	1.07	70.28	1399.69	0.17	21.52	13.28	0.21	25.28	31.68
1600.00	0.96	88.22	1599.66	2.75	22.20	16.71	0.17	27.79	36.97
1800.00	0.86	104.93	1799.64	5.59	21.87	19.84	0.14	29.52	42.21
2000.00	0.88	110.51	1999.61	8.54	20.94	22.72	0.04	30.90	47.34
2200.00	0.98	113.48	2199.59	11.74	19.72	25.73	0.06	32.42	52.53
2400.00	1.23	124.15	2399.55	15.58	17.83	29.08	0.16	34.11	58.48
2600.00	0.87	126.76	2599.52	19.24	15.72	32.07	0.18	35.72	63.89
2800.00	1.16	123.49	2799.49	22.77	13.69	34.97	0.15	37.56	68.62
3000.00	1.16	123.59	2999.44	26.82	11.46	38.35	0.00	40.02	73.37
3200.00	1.15	130.34	3199.40	30.82	9.04	41.57	0.07	42.54	77.73
3400.00	1.14	130.98	3399.36	34.76	6.43	44.60	0.01	45.06	81.79
3600.00	1.15	140.00	3599.32	38.63	3.59	47.39	0.09	47.53	85.66
3800.00	0.95	155.45	3799.29	41.90	0.55	49.37	0.17	49.37	89.37
4000.00	0.81	141.99	3999.27	44.59	-2.08	50.93	0.12	50.97	92.33
4200.00	0.97	151.96	4199.24	47.37	-4.68	52.59	0.11	52.80	95.09
4400.00	0.76	164.54	4399.22	49.80	-7.46	53.74	0.14	54.26	97.90
4600.00	0.99	167.99	4599.20	51.95	-10.42	54.46	0.12	55.44	100.84
4800.00	1.10	169.52	4799.16	54.41	-14.00	55.16	0.06	56.91	104.24
5000.00	1.02	179.30	4999.13	56.63	-17.67	55.54	0.10	58.28	107.65
5200.00	1.23	166.20	5199.09	59.10	-21.53	56.07	0.17	60.06	111.01
5400.00	0.93	149.01	5399.06	62.05	-25.01	57.42	0.22	62.63	113.54
5600.00	0.91	151.39	5599.03	64.87	-27.80	59.01	0.02	65.23	115.22
5800.00	0.92	118.29	5799.01	67.84	-29.95	61.19	0.26	68.13	116.08
6000.00	0.86	128.45	5998.98	70.94	-31.65	63.78	0.08	71.20	116.39
6200.00	1.00	138.69	6198.96	74.09	-33.89	66.10	0.11	74.29	117.14
6400.00	1.52	149.16	6398.91	78.10	-37.48	68.62	0.28	78.18	118.64
6600.00	1.69	180.19	6598.83	81.97	-42.70	69.97	0.44	81.97	121.40
6800.00	2.01	196.67	6798.73	84.38	-49.01	68.95	0.31	84.60	125.41
7000.00	1.58	212.79	6998.63	85.19	-54.69	66.45	0.33	86.06	129.46
7200.00	0.91	227.56	7198.58	84.68	-58.08	63.79	0.37	86.27	132.32
7400.00	0.56	289.97	7398.57	83.27	-58.82	61.70	0.41	85.24	133.63
7600.00	0.28	1.16	7598.57	82.07	-58.00	60.79	0.27	84.02	133.65
7800.00	0.46	42.47	7798.56	81.98	-56.92	61.34	0.16	83.68	132.86
8000.00	0.40	59.19	7998.56	82.46	-55.97	62.48	0.07	83.88	131.85
8200.00	0.14	53.23	8198.55	82.88	-55.46	63.28	0.13	84.14	131.24
8400.00	0.60	47.09	8398.55	83.26	-54.60	64.24	0.23	84.31	130.36
8600.00	0.39	67.82	8598.54	83.95	-53.63	65.64	0.14	84.76	129.25
8800.00	0.80	90.97	8798.53	85.56	-53.40	67.66	0.23	86.20	128.28
9000.00	1.40	20.93	8998.50	86.32	-51.14	69.93	0.68	86.64	126.18
9200.00	2.59	64.53	9198.39	88.36	-46.92	74.88	0.92	88.37	122.07
9400.00	3.68	58.75	9398.08	93.79	-41.64	84.45	0.57	94.16	116.25
9600.00	3.32	39.57	9597.72	97.59	-33.85	93.63	0.61	99.56	109.88



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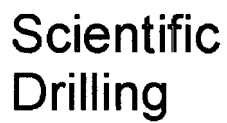
Survey Report

Company: PURE RESOURCES
 Field: Meade
 Site: Eddy County, NM
 Well: Meade #7
 Wellpath: VH - Job #32K0605438

Date: 7/17/2005 Time: 18:35:29 Page: 2
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 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,121.30Azi)
 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
9800.00	2.18	51.88	9797.49	99.76	-27.04	100.31	0.64	103.89	105.08
10000.00	0.87	21.05	9997.41	100.83	-23.27	103.85	0.75	106.42	102.63
10200.00	0.69	310.27	10197.40	99.37	-21.08	103.47	0.46	105.60	101.51
10400.00	2.19	308.95	10397.33	94.39	-17.89	99.58	0.75	101.18	100.19
10600.00	2.15	2.99	10597.21	88.82	-11.75	96.81	0.99	97.52	96.92
10800.00	1.97	57.27	10797.09	88.55	-6.14	99.89	0.94	100.08	93.52
11000.00	4.07	99.89	10996.83	96.66	-5.50	109.78	1.47	109.92	92.87
11200.00	4.80	118.51	11196.24	111.63	-10.71	124.13	0.80	124.59	94.93
11400.00	6.70	159.27	11395.30	129.19	-25.63	135.62	2.19	138.02	100.70
11600.00	8.86	195.90	11593.57	142.49	-51.37	135.53	2.65	144.93	110.76
11775.00	8.89	209.14	11766.49	146.58	-76.14	125.25	1.16	146.58	121.30



QTYM

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

Magnetic Field
 Strength: 0nT
 Dip Angle: 0.00°
 Date: 7/17/2005
 Model: igrt2000

