

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator
Yates Drilling Company

3. Address
105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)
505-748-8463

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface 660' FSL & 1650' FWL

At top prod. Interval reported below

At total depth

14. Date Spudded
7/21/2003

15. Date T.D. Reached
8/26/2003

16. Date Completed 11/5/2003
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 10800'
TVD

19. Plug Back T.D.: MD 10365'
TVD

20. Depth Bridge Plug Set: MD 10365'
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

LDT-CNL, ALL-MCFL

22. Was Well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	J-55 48#	430'		430'	440 "C"			
12 1/4"	9 5/8"	J-55 36#	2804'		2804'	1025 "C"			
8 3/4"	5 1/2"	17# , 15.5#	10756'		10756'	650 "C"			
		SP110, L-80							
		J-55							

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	10240'	10240'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	10290'	10320'	10290-10320'	.36"	4 SPF	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/5/2003	11/8/2003	24	⇒	21	2150	0	44.2		Flowing
Choke	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
12/64	2150		⇒	21	2150	0			Producing

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	SI		⇒						

RECEIVED

NOV 20 2003

OCD-ARTESIA

ACCEPTED FOR RECORD

NOV 19 2003

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Queen	958'
				San Andres	1884'
				Bone Springs	5442'
				3rd Bone Springs	7538'
				Wolfcamp	7954'
				Cisco	8358'
				Strawn	9550'
				Atoka	9756'
				Morrow Clastics	10212'
				Lower Morrow	10346'
				TD	10800'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)

2. Geologic Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification

6. Core Analysis

7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print)

Karen J. Leishman

Title

Engineering Tech.

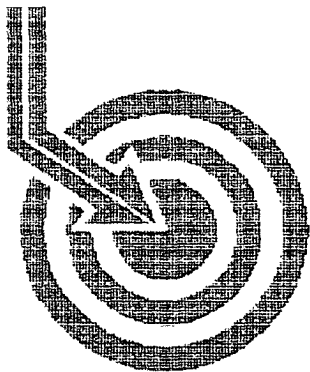
Signature



Date

11/14/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Scientific Drilling

YATES PETROLEUM

Field: Unknown
Site: Eddy County, NM
Well: Pecos River Deep #9
Wellpath: VH - Job #32K0903455
Survey: 09/03/03

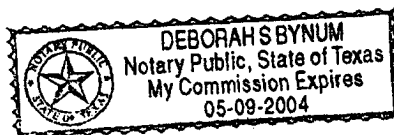
This survey is correct to the best of my knowledge
and is supported by actual field data.

Greg Nardy Company Representative

Notorized this date 14th of October, 2003.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas



Scientific Drilling

Survey Report

Company: YATES PETROLEUM	Date: 10/13/2003	Time: 16:33:55	Page: 1
Field: Unknown	Co-ordinate(NE) Reference:	Site: Eddy County, NM, True North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Pecos River Deep #9	Section (VS) Reference:	Well (0.00N,0.00E,261.64Azi)	
Wellpath: VH - Job #32K0903455	Survey Calculation Method:	Minimum Curvature	
		Db: Sybase	

Survey: 09/03/03 KSRG 0'-10755'	Start Date: 9/3/2003
Company: Scientific Drilling	Engineer: Ron Drake
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
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.28	322.05	100.0	0.1	0.2	-0.2	0.28	0.2	322.05
200.0	0.41	332.60	200.0	0.4	0.7	-0.5	0.14	0.8	326.51
300.0	0.47	313.67	300.0	0.7	1.3	-0.9	0.16	1.6	324.60
400.0	0.47	292.21	400.0	1.3	1.7	-1.6	0.18	2.4	317.38
500.0	0.42	288.69	500.0	2.0	2.0	-2.3	0.06	3.1	310.85
600.0	0.44	286.44	600.0	2.7	2.2	-3.0	0.03	3.8	306.35
700.0	0.45	291.10	700.0	3.4	2.5	-3.8	0.04	4.5	303.38
800.0	0.58	290.51	800.0	4.2	2.8	-4.6	0.13	5.4	301.30
900.0	0.66	296.06	900.0	5.1	3.2	-5.6	0.10	6.5	300.00
1000.0	0.65	294.59	1000.0	6.0	3.7	-6.6	0.02	7.6	299.30
1100.0	0.72	307.32	1100.0	6.9	4.3	-7.7	0.17	8.8	299.57
1200.0	0.73	309.07	1200.0	7.8	5.1	-8.7	0.02	10.1	300.65
1300.0	0.73	305.08	1299.9	8.7	5.9	-9.7	0.05	11.3	301.37
1400.0	0.66	297.68	1399.9	9.6	6.5	-10.7	0.11	12.5	301.39
1500.0	0.63	288.41	1499.9	10.6	7.0	-11.7	0.11	13.6	300.71
1600.0	0.68	290.26	1599.9	11.6	7.3	-12.8	0.05	14.8	299.84
1700.0	0.95	298.21	1699.9	12.8	7.9	-14.1	0.29	16.2	299.41
1800.0	1.03	299.82	1799.9	14.2	8.8	-15.6	0.08	17.9	299.37
1900.0	0.93	301.14	1899.9	15.5	9.7	-17.1	0.10	19.6	299.47
2000.0	0.82	299.16	1999.9	16.7	10.4	-18.4	0.11	21.1	299.52
2100.0	0.74	300.62	2099.9	17.8	11.1	-19.6	0.08	22.5	299.54
2200.0	0.47	270.56	2199.9	18.7	11.4	-20.5	0.41	23.5	299.09
2300.0	0.23	233.42	2299.9	19.3	11.3	-21.1	0.32	24.0	298.18
2400.0	0.04	164.35	2399.9	19.4	11.2	-21.3	0.22	24.0	297.69
2500.0	0.73	184.44	2499.9	19.6	10.5	-21.3	0.69	23.8	296.21
2600.0	0.74	184.14	2599.8	19.8	9.2	-21.4	0.01	23.3	293.29
2700.0	2.54	155.94	2699.8	19.4	6.5	-20.6	1.92	21.6	287.67
2800.0	3.96	152.67	2799.6	17.7	1.5	-18.1	1.43	18.1	274.61
2900.0	3.82	155.68	2899.4	15.6	-4.6	-15.1	0.25	15.8	252.90
3000.0	3.40	158.04	2999.2	14.0	-10.4	-12.6	0.45	16.4	230.43
3100.0	3.06	160.88	3099.0	12.8	-15.7	-10.6	0.38	19.0	214.12
3200.0	2.93	164.18	3198.9	12.0	-20.7	-9.1	0.22	22.6	203.68
3300.0	2.78	163.41	3298.8	11.3	-25.5	-7.7	0.15	26.6	196.78
3400.0	2.61	166.89	3398.7	10.8	-30.0	-6.5	0.24	30.7	192.17
3500.0	2.55	162.89	3498.6	10.2	-34.4	-5.3	0.19	34.8	188.77
3600.0	2.50	169.47	3598.5	9.8	-38.6	-4.2	0.29	38.9	186.28
3700.0	2.43	174.18	3698.4	9.8	-42.9	-3.6	0.21	43.0	184.85
3800.0	2.35	174.17	3798.3	10.0	-47.0	-3.2	0.08	47.1	183.91
3900.0	2.36	178.35	3898.2	10.4	-51.1	-2.9	0.17	51.2	183.30
4000.0	2.45	183.83	3998.1	11.0	-55.3	-3.0	0.25	55.4	183.13
4100.0	2.42	185.46	4098.0	12.0	-59.5	-3.4	0.08	59.6	183.24
4200.0	2.37	184.59	4197.9	13.0	-63.7	-3.7	0.06	63.8	183.36
4300.0	2.55	177.63	4297.9	13.7	-68.0	-3.8	0.35	68.1	183.21
4400.0	2.73	174.85	4397.8	14.0	-72.6	-3.5	0.22	72.7	182.76
4500.0	2.78	178.46	4497.6	14.5	-77.4	-3.2	0.18	77.5	182.39
4600.0	2.60	177.27	4597.5	15.0	-82.1	-3.1	0.19	82.1	182.13
4700.0	2.40	182.00	4697.4	15.6	-86.4	-3.0	0.29	86.5	182.00
4800.0	2.14	192.91	4797.4	16.6	-90.3	-3.5	0.50	90.4	182.22

Scientific Drilling Survey Report

Company: YATES PETROLEUM
Field: Unknown
Site: Eddy County, NM
Well: Pecos River Deep #9
Wellpath: VH - Job #32K0903455

Date: 10/13/2003 Time: 16:33:55 Page: 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,261.64Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

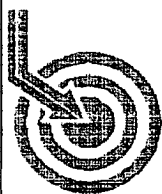
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	1.84	201.28	4897.3	18.1	-93.7	-4.5	0.42	93.8	182.76
5000.0	1.86	207.16	4997.2	19.8	-96.6	-5.8	0.19	96.8	183.45
5100.0	1.84	222.19	5097.2	22.0	-99.2	-7.7	0.48	99.5	184.41
5200.0	1.75	229.37	5197.1	24.5	-101.4	-9.9	0.24	101.9	185.57
5300.0	1.87	235.78	5297.1	27.3	-103.3	-12.4	0.24	104.1	186.84
5400.0	1.77	241.55	5397.0	30.2	-105.0	-15.1	0.21	106.1	188.19
5500.0	2.01	241.38	5497.0	33.3	-106.6	-18.0	0.24	108.1	189.59
5600.0	2.02	247.51	5596.9	36.7	-108.1	-21.2	0.22	110.1	191.08
5700.0	2.04	248.32	5696.9	40.1	-109.4	-24.5	0.03	112.1	192.60
5800.0	2.14	250.99	5796.8	43.7	-110.7	-27.9	0.14	114.1	194.13
5900.0	1.98	244.68	5896.7	47.2	-112.0	-31.2	0.28	116.3	195.56
6000.0	2.28	246.52	5996.7	50.7	-113.5	-34.6	0.31	118.7	196.94
6100.0	2.09	245.32	6096.6	54.4	-115.1	-38.1	0.20	121.2	198.30
6200.0	2.29	243.96	6196.5	58.1	-116.7	-41.5	0.21	123.9	199.58
6300.0	2.20	244.78	6296.4	61.8	-118.4	-45.0	0.10	126.7	200.82
6400.0	2.26	241.36	6396.4	65.5	-120.2	-48.5	0.15	129.6	201.98
6500.0	2.38	245.66	6496.3	69.3	-122.0	-52.1	0.21	132.7	203.14
6600.0	2.15	249.52	6596.2	73.2	-123.5	-55.8	0.28	135.5	204.31
6700.0	2.18	253.97	6696.1	76.9	-124.7	-59.4	0.17	138.1	205.46
6800.0	1.78	259.78	6796.1	80.3	-125.5	-62.7	0.45	140.3	206.56
6900.0	1.66	266.47	6896.0	83.3	-125.9	-65.7	0.23	142.0	207.57
7000.0	1.50	279.58	6996.0	86.0	-125.7	-68.4	0.39	143.2	208.56
7100.0	1.29	278.67	7096.0	88.3	-125.3	-70.8	0.21	144.0	209.47
7200.0	0.64	306.37	7195.9	89.8	-124.8	-72.4	0.78	144.3	210.11
7300.0	0.91	346.11	7295.9	90.3	-123.7	-73.0	0.58	143.7	210.55
7400.0	1.25	340.66	7395.9	90.6	-121.9	-73.6	0.35	142.4	211.11
7500.0	1.41	338.33	7495.9	91.0	-119.8	-74.4	0.17	141.0	211.85
7600.0	1.63	330.10	7595.9	91.8	-117.4	-75.6	0.31	139.6	212.77
7700.0	1.72	334.76	7695.8	92.8	-114.8	-76.9	0.16	138.2	213.82
7800.0	1.70	324.80	7795.8	93.9	-112.2	-78.4	0.30	136.9	214.94
7900.0	1.85	326.02	7895.7	95.3	-109.7	-80.2	0.15	135.9	216.17
8000.0	1.69	320.82	7995.7	96.7	-107.2	-82.0	0.23	135.0	217.42
8100.0	1.61	317.21	8095.6	98.3	-105.0	-83.9	0.13	134.4	218.62
8200.0	1.08	301.38	8195.6	99.8	-103.5	-85.7	0.64	134.3	219.61
8300.0	1.15	299.08	8295.6	101.3	-102.5	-87.3	0.08	134.7	220.43
8400.0	1.95	302.69	8395.5	103.4	-101.1	-89.6	0.81	135.1	221.56
8500.0	1.94	314.22	8495.5	105.7	-99.0	-92.3	0.39	135.4	222.99
8600.0	1.90	320.83	8595.4	107.6	-96.6	-94.5	0.22	135.1	224.40
8700.0	1.96	324.03	8695.4	109.2	-93.9	-96.6	0.12	134.7	225.82
8800.0	2.14	320.34	8795.3	111.0	-91.1	-98.8	0.22	134.4	227.33
8900.0	2.10	324.10	8895.2	112.8	-88.1	-101.1	0.14	134.1	228.91
9000.0	2.12	321.10	8995.2	114.6	-85.2	-103.3	0.11	133.9	230.48
9100.0	2.25	315.38	9095.1	116.7	-82.4	-105.8	0.25	134.1	232.10
9200.0	2.42	318.59	9195.0	119.0	-79.4	-108.6	0.21	134.5	233.83
9300.0	2.42	318.04	9294.9	121.3	-76.2	-111.4	0.02	135.0	235.62
9400.0	2.39	316.73	9394.8	123.7	-73.2	-114.3	0.06	135.7	237.37
9500.0	2.60	319.99	9494.8	126.1	-69.9	-117.2	0.25	136.4	239.18
9600.0	2.73	318.81	9594.6	128.6	-66.4	-120.2	0.14	137.3	241.09
9700.0	2.65	317.35	9694.5	131.1	-62.9	-123.3	0.11	138.4	242.98
9800.0	2.86	312.88	9794.4	134.0	-59.5	-126.7	0.30	140.0	244.85
9900.0	2.91	315.66	9894.3	137.1	-56.0	-130.3	0.15	141.8	246.76
10000.0	3.01	313.86	9994.2	140.2	-52.3	-134.0	0.14	143.8	248.66

Scientific Drilling Survey Report

Company: YATES PETROLEUM Field: Unknown Site: Eddy County, NM Well: Pecos River Deep #9 Wellpath: VH - Job #32K0903455	Date: 10/13/2003 Time: 16:33:55 Page: 3 Co-ordinate(NE) Reference: Site: Eddy County, NM, True North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,261.64Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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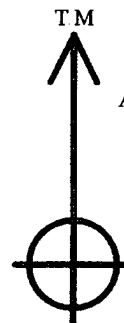
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10100.0	3.26	310.88	10094.0	143.6	-48.7	-138.0	0.30	146.3	250.58
10200.0	3.31	311.95	10193.8	147.3	-44.9	-142.3	0.08	149.2	252.50
10300.0	3.16	315.69	10293.7	150.8	-41.0	-146.4	0.26	152.0	254.37
10400.0	3.08	313.52	10393.5	154.1	-37.1	-150.3	0.14	154.8	256.12
10500.0	3.19	313.59	10493.4	157.4	-33.4	-154.2	0.11	157.8	257.79
10600.0	3.22	310.20	10593.2	161.0	-29.6	-158.4	0.19	161.1	259.40
10700.0	3.09	309.79	10693.1	164.7	-26.1	-162.6	0.13	164.7	260.88
10755.0	3.11	307.30	10748.0	166.7	-24.3	-164.9	0.25	166.7	261.64



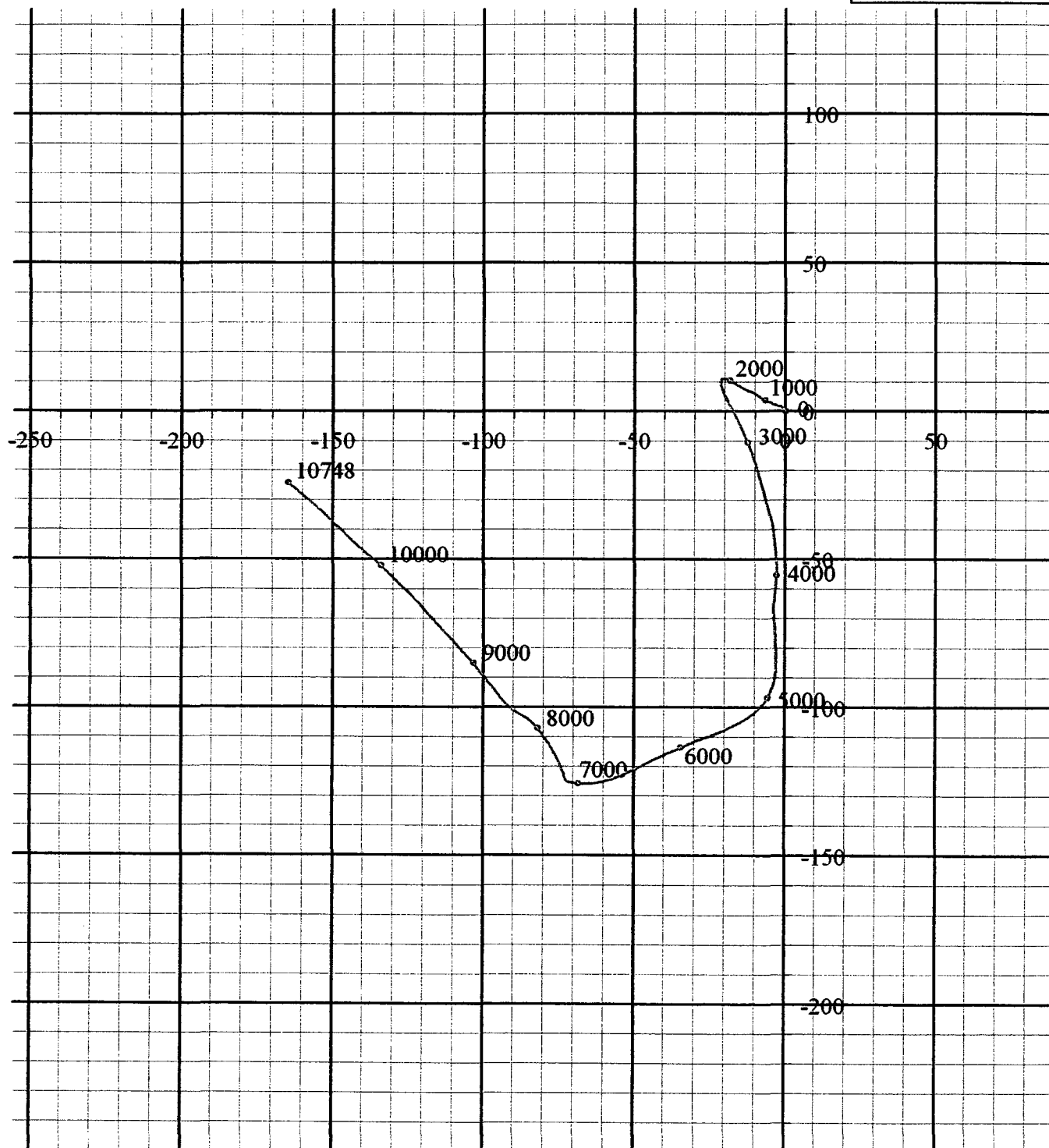
Scientific
Drilling

Field: Unknown
Site: Eddy County, NM
Well: Pecos River Deep #9
Wellpath: VH - Job #32K0903455
Survey: 09/03/03



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/13/2003
Model: WMM_95



South(-)/North(+) [50ft/in]

West(-)/East(+) [50ft/in]