

Results of Directional Survey

API number:	30-025-37839		
OGRID:		Operator:	EOG RESOURCES INC
		Property:	VACA FEDERAL 14 # 2

surface	ULSTR:	I	14	T	25S	R	33E
			1980	FSL	330	FEL	

BH Loc	ULSTR:	K	13	T	25S	R	33E
			2231	FSL	2431	FWL	

	MD	N/S	E/W	VD
	12370	-3.69	394.18	12235.18
TOP PERFS/OH	12400	-0.80	422.18	12245.55
	12401	-0.70	423.11	12245.90
	14356	221.24	2361.96	12288.88
BOT PERFS/OH	14362	221.75	2367.93	12289.11
	14387	223.89	2392.82	12290.07

NEXT TO LAST	14704	246.35	2708.87	12296.33
LAST READING	14756	251.29	2760.55	12299.33
TD	14756	251.29	2760.55	12299.33

Surface Location	1980	FS	330	FE
Projected BHL	2231	FS	2431	FW
Location of				
Top Perfs/OH	1979	FS	92	FW
Bottom Perfs/OH	2202	FS	2038	FW

SUMMARY of Subsurface Locations

Surface Location	I-14-25S-33E	1980	FS	330	FE	Vert. Depth
Top Perfs/OH	I-14-25S-33E	1979	FS	92	FW	12245.55
Bottom Perfs/OH	K-13-25S-33E	2202	FS	2038	FW	12289.11
Projected TD	K-13-25S-33E	2231	FS	2431	FW	12299.33

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

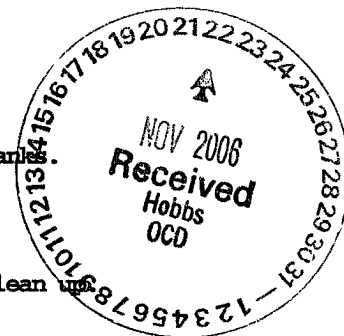
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMM 108503
2. Name of Operator EOG Resources Inc.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 2267 Midland, Texas 79702	3b. Phone No. (include area code) 432 686 3689	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 330' FEL U/L I Sec 14, T25S, R33E		8. Well Name and No. Vaca Federal 14 No. 2H
		9. API Well No. 30-025-37839
		10. Field and Pool, or Exploratory Area Red Hills; Bone Spring
		11. County or Parish, State Lea NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>completion</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

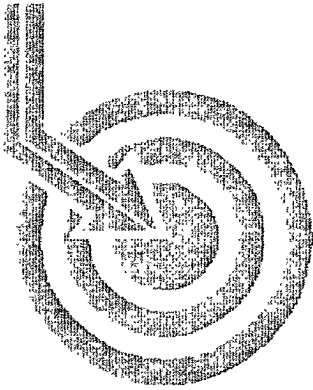
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

7/24/06 RIH to clean out liner.
7/25/06 Prepare for perforating.
7/29/06 Perforate from 13840' to 14100'.
7/30/06 Perforate from 14360' to 14362'.
8/01/06 Frac w/ 5631 bbls slick water; 209900 lbs 18/40 Versaprop. Flow back to tanks.
8/04/06 Turned to sales.
8/08/06 RIH to top of liner. Clean out & drill frac plugs.
8/17/06 Perforate from 12650' to 13420', 0.38", 42 holes.
8/19/06 Frac w/ 4006 bbls slick water; 139500 lbs 18/40 Versaprop. Flow back to clean up.
8/21/06 Turned to sales.
8/30/06 RIH to drill out frac plugs and clean out.
9/01/06 Perforate from 12400' to 12404'.
9/11/06 Frac w/ 145 bbls 15% HCL acid; 2200 bbls slick water; 61680 lbs 18/40 Versaprop.
Flow back to tanks. Turned to sales.
9/18/06 RIH to drill out plugs & clean out.
9/23/06 RIH w/ 2 7/8" production tubing set @ 11646'. Returned to sales.



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Stan Wagner	Title Regulatory Analyst
	Date 9/27/06
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by	Title
	Office
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.	

ACCEPTED FOR RECORD
NOV 20 2006
WESLEY W. INGRAM
PETROLEUM ENGINEER



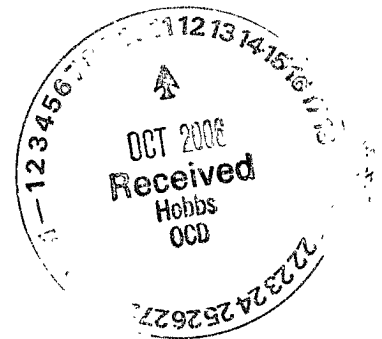
Scientific Drilling

SUR @ I-14-25s-33e. 1980/S & 330/E
BHL @ K-13-25s-33e, 2231/S & 2431/W
API # 30-025-37839

E.O.G.

Field: Vaca
Site: Lea County, NM
Well: Vaca Fed 14 #2H
Wellpath: VH - Job #32K0606488
Survey: 06/18/06

2231 FSL
2431 FOL

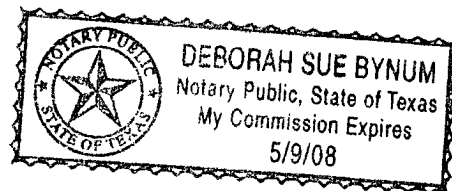


This survey is correct to the best of my knowledge
and is supported by actual field data.

Deborah Sue Bynum.....Company Representative

Notorized this date 10th of July, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: E.O.G.
Field: Vaca
Site: Lea County, NM
Well: Vaca Fed 14 #2H
Wellpath: VH - Job #32K0606488

Date: 07/10/2006 Time: 19:14:41 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,229.79Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 06/18/06 Start Date: 06/18/2006
Company: Scientific Drilling Internatio Engineer: Gonzales/Rehders
Tool: Keeper, Keeper Surface Readout 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	359.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.55	214.31	100.00	0.46	-0.40	-0.27	0.55	0.48	214.31
200.00	0.78	218.02	199.99	1.59	-1.33	-0.96	0.23	1.64	215.85
300.00	0.55	205.98	299.98	2.70	-2.30	-1.59	0.27	2.79	214.69
400.00	0.71	199.31	399.98	3.67	-3.31	-2.00	0.18	3.87	211.18
500.00	0.56	176.40	499.97	4.50	-4.39	-2.18	0.29	4.90	206.42
600.00	0.50	159.38	599.97	4.93	-5.28	-1.99	0.17	5.65	200.69
700.00	0.52	132.72	699.96	5.02	-6.00	-1.51	0.24	6.18	194.11
800.00	0.44	131.27	799.96	4.91	-6.56	-0.89	0.08	6.62	187.69
900.00	0.41	124.86	899.96	4.76	-7.02	-0.30	0.06	7.02	182.48
1000.00	0.39	121.31	999.96	4.56	-7.40	0.28	0.03	7.40	177.83
1100.00	0.56	119.78	1099.95	4.29	-7.82	1.00	0.17	7.88	172.74
1200.00	0.50	129.65	1199.95	4.04	-8.34	1.76	0.11	8.52	168.11
1300.00	0.42	121.31	1299.95	3.85	-8.81	2.40	0.10	9.13	164.73
1400.00	0.47	128.57	1399.94	3.65	-9.25	3.04	0.08	9.74	161.82
1500.00	0.35	131.38	1499.94	3.53	-9.71	3.59	0.12	10.35	159.72
1600.00	0.47	137.83	1599.94	3.47	-10.22	4.09	0.13	11.01	158.17
1700.00	0.52	119.85	1699.93	3.30	-10.75	4.76	0.16	11.75	156.10
1800.00	0.35	129.12	1799.93	3.09	-11.17	5.39	0.18	12.40	154.22
1900.00	0.36	142.28	1899.93	3.05	-11.61	5.82	0.08	12.99	153.36
2000.00	0.19	149.38	1999.93	3.09	-12.00	6.10	0.17	13.46	153.06
2100.00	0.19	81.57	2099.93	2.98	-12.12	6.35	0.21	13.68	152.35
2200.00	0.18	137.13	2199.93	2.83	-12.21	6.62	0.17	13.89	151.54
2300.00	0.30	72.35	2299.93	2.58	-12.24	6.97	0.28	14.09	150.33
2400.00	0.11	66.76	2399.93	2.24	-12.13	7.31	0.19	14.16	148.91
2500.00	0.42	42.70	2499.92	1.79	-11.82	7.65	0.32	14.08	147.09
2600.00	0.51	71.06	2599.92	1.01	-11.40	8.32	0.24	14.12	143.90
2700.00	0.52	56.92	2699.92	0.15	-11.01	9.12	0.13	14.30	140.37
2800.00	0.74	61.99	2799.91	-0.94	-10.46	10.07	0.23	14.52	136.09
2900.00	0.72	75.26	2899.90	-2.13	-10.00	11.25	0.17	15.05	131.64
3000.00	0.76	70.19	2999.89	-3.32	-9.61	12.48	0.08	15.75	127.61
3100.00	1.03	66.54	3099.88	-4.81	-9.03	13.93	0.28	16.60	122.96
3200.00	1.17	67.56	3199.86	-6.64	-8.28	15.70	0.14	17.75	117.82
3300.00	1.23	70.72	3299.84	-8.61	-7.54	17.65	0.09	19.19	113.13
3400.00	1.48	63.02	3399.81	-10.87	-6.60	19.82	0.31	20.89	108.42
3500.00	1.53	66.99	3499.78	-13.41	-5.49	22.20	0.12	22.87	103.90
3600.00	1.46	63.96	3599.75	-15.92	-4.41	24.57	0.11	24.96	100.18
3700.00	1.64	62.28	3699.71	-18.55	-3.19	26.98	0.19	27.17	96.73
3800.00	1.62	66.08	3799.67	-21.30	-1.95	29.54	0.11	29.60	93.77
3900.00	1.53	61.80	3899.63	-23.96	-0.74	32.01	0.15	32.02	91.33
4000.00	1.71	63.53	3999.59	-26.72	0.55	34.52	0.19	34.52	89.08
4100.00	1.56	69.08	4099.55	-29.45	1.70	37.13	0.22	37.17	87.37
4200.00	1.61	77.76	4199.51	-31.98	2.49	39.77	0.24	39.85	86.42
4300.00	1.81	84.93	4299.47	-34.51	2.93	42.72	0.29	42.82	86.08
4400.00	2.37	90.50	4399.40	-37.37	3.05	46.36	0.60	46.46	86.24
4500.00	2.63	91.11	4499.30	-40.66	2.98	50.72	0.26	50.81	86.63
4600.00	2.62	99.91	4599.20	-43.85	2.55	55.27	0.40	55.32	87.36
4700.00	3.16	100.48	4699.07	-47.06	1.65	60.23	0.54	60.25	88.43
4800.00	3.66	105.67	4798.90	-50.60	0.29	66.01	0.59	66.01	89.75



Scientific Drilling International

Survey Report

Company: E.O.G.
 Field: Vaca
 Site: Lea County, NM
 Well: Vaca Fed 14 #2H
 Wellpath: VH - Job #32K0606488

Date: 07/10/2006 Time: 19:14:41 Page: 2
 Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,229.79Azi)
 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
4900.00	3.46	105.87	4898.70	-54.07	-1.40	71.99	0.20	72.00	91.11
5000.00	2.77	111.99	4998.55	-56.88	-3.13	77.13	0.77	77.19	92.32
5100.00	2.28	118.14	5098.46	-58.74	-4.97	81.12	0.56	81.28	93.51
5200.00	1.70	122.05	5198.40	-59.93	-6.70	84.14	0.60	84.40	94.55
5300.00	1.71	120.98	5298.35	-60.86	-8.25	86.67	0.03	87.06	95.44
5400.00	1.73	118.22	5398.31	-61.90	-9.73	89.28	0.09	89.81	96.22
5500.00	1.66	124.50	5498.26	-62.84	-11.27	91.80	0.20	92.49	97.00
5600.00	1.43	124.59	5598.23	-63.54	-12.80	94.03	0.23	94.89	97.75
5700.00	1.39	125.97	5698.20	-64.16	-14.22	96.03	0.05	97.08	98.42
5800.00	1.30	136.30	5798.17	-64.52	-15.75	97.80	0.26	99.06	99.15
5900.00	1.13	131.04	5898.15	-64.74	-17.22	99.33	0.20	100.81	99.83
6000.00	1.09	125.36	5998.13	-65.13	-18.42	100.85	0.12	102.51	100.35
6100.00	0.94	134.80	6098.11	-65.43	-19.54	102.20	0.22	104.06	100.83
6200.00	0.84	120.80	6198.10	-65.74	-20.50	103.42	0.24	105.43	101.21
6300.00	0.81	139.69	6298.09	-65.98	-21.41	104.50	0.27	106.67	101.58
6400.00	0.52	136.56	6398.08	-66.01	-22.28	105.27	0.29	107.60	101.95
6500.00	0.58	152.57	6498.08	-65.92	-23.06	105.82	0.16	108.30	102.29
6600.00	0.60	140.15	6598.07	-65.81	-23.91	106.39	0.13	109.04	102.67
6700.00	0.53	159.05	6698.07	-65.65	-24.74	106.89	0.20	109.71	103.03
6800.00	0.65	147.21	6798.06	-65.43	-25.65	107.36	0.17	110.38	103.44
6900.00	0.40	154.64	6898.06	-65.26	-26.45	107.82	0.26	111.01	103.78
7000.00	0.46	163.26	6998.06	-65.02	-27.14	108.08	0.09	111.44	104.10
7100.00	0.57	167.31	7098.05	-64.63	-28.01	108.31	0.12	111.87	104.50
7200.00	0.47	169.34	7198.05	-64.19	-28.90	108.49	0.10	112.28	104.92
7300.00	0.44	192.29	7298.05	-63.69	-29.68	108.49	0.18	112.47	105.30
7400.00	0.69	188.34	7398.04	-62.93	-30.65	108.32	0.25	112.57	105.80
7500.00	0.62	183.31	7498.03	-62.11	-31.79	108.20	0.09	112.77	106.37
7600.00	0.67	191.53	7598.03	-61.28	-32.90	108.05	0.11	112.95	106.94
7700.00	0.87	185.41	7698.02	-60.27	-34.23	107.86	0.22	113.16	107.61
7800.00	0.89	174.90	7798.01	-59.28	-35.76	107.86	0.16	113.63	108.34
7900.00	0.84	148.28	7898.00	-58.73	-37.16	108.31	0.40	114.51	108.93
8000.00	0.92	144.50	7997.98	-58.56	-38.43	109.16	0.10	115.73	109.40
8100.00	0.80	146.46	8097.97	-58.41	-39.67	110.02	0.12	116.95	109.83
8200.00	0.81	138.46	8197.96	-58.34	-40.78	110.87	0.11	118.13	110.19
8300.00	0.98	131.79	8297.95	-58.48	-41.88	111.98	0.20	119.55	110.51
8400.00	0.84	122.35	8397.94	-58.82	-42.84	113.23	0.20	121.07	110.72
8500.00	1.02	117.17	8497.93	-59.38	-43.64	114.65	0.20	122.67	110.84
8600.00	0.94	110.78	8597.91	-60.12	-44.34	116.20	0.14	124.38	110.88
8700.00	1.08	112.36	8697.89	-60.95	-44.99	117.84	0.14	126.14	110.89
8800.00	1.16	100.42	8797.88	-62.03	-45.53	119.71	0.25	128.07	110.82
8900.00	0.89	106.14	8897.86	-63.10	-45.93	121.45	0.29	129.84	110.71
9000.00	0.95	114.88	8997.85	-63.88	-46.49	122.95	0.15	131.45	110.71
9100.00	0.75	114.96	9097.84	-64.50	-47.12	124.29	0.20	132.93	110.76
9200.00	0.58	137.81	9197.83	-64.80	-47.77	125.23	0.31	134.03	110.88
9300.00	0.38	125.21	9297.83	-64.90	-48.33	125.84	0.22	134.80	111.01
9400.00	0.14	10.83	9397.83	-65.08	-48.41	126.13	0.46	135.10	110.99
9500.00	0.08	335.48	9497.82	-65.19	-48.22	126.13	0.09	135.03	110.92
9600.00	0.33	36.93	9597.82	-65.49	-47.93	126.27	0.30	135.06	110.78
9700.00	0.73	359.96	9697.82	-66.18	-47.06	126.44	0.51	134.92	110.41
9800.00	0.82	346.20	9797.81	-66.91	-45.73	126.27	0.21	134.30	109.91
9900.00	0.87	2.70	9897.80	-67.75	-44.28	126.14	0.25	133.68	109.34
10000.00	1.16	353.24	9997.78	-68.82	-42.51	126.05	0.33	133.03	108.64



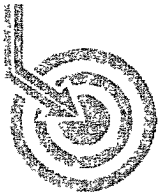
Scientific Drilling International Survey Report

Company: E.O.G.
Field: Vaca
Site: Lea County, NM
Well: Vaca Fed 14 #2H
Wellpath: VH - Job #32K0606488

Date: 07/10/2006 Time: 19:14:41 Page: 3
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,229.79Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

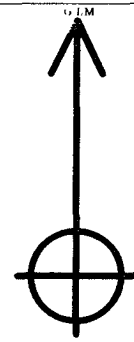
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10100.00	1.17	7.50	10097.76	-70.13	-40.49	126.07	0.29	132.41	107.81
10200.00	1.38	8.86	10197.74	-71.80	-38.29	126.39	0.21	132.06	106.86
10300.00	1.09	350.61	10297.72	-73.20	-36.16	126.42	0.49	131.49	105.96
10400.00	1.07	357.65	10397.70	-74.26	-34.29	126.22	0.13	130.80	105.20
10500.00	1.03	341.08	10497.68	-75.15	-32.51	125.89	0.31	130.02	104.48
10600.00	1.02	303.02	10597.67	-75.22	-31.17	124.86	0.67	128.69	104.02
10700.00	1.39	296.96	10697.64	-74.50	-30.14	123.03	0.39	126.67	103.77
10800.00	1.60	289.36	10797.61	-73.32	-29.13	120.63	0.29	124.10	103.57
10900.00	1.51	287.20	10897.57	-71.90	-28.27	118.05	0.11	121.39	103.47
11000.00	1.80	280.96	10997.53	-70.21	-27.59	115.25	0.34	118.51	103.46
11100.00	1.73	273.15	11097.49	-68.13	-27.20	112.21	0.25	115.46	103.63
11200.00	1.26	275.82	11197.45	-66.27	-27.01	109.60	0.48	112.88	103.84
11300.00	1.00	268.36	11297.43	-64.82	-26.92	107.64	0.30	110.95	104.04
11400.00	0.81	288.46	11397.42	-63.77	-26.73	106.10	0.37	109.41	104.14
11500.00	1.31	306.42	11497.40	-63.14	-25.82	104.50	0.59	107.65	103.88
11600.00	1.45	312.83	11597.37	-62.72	-24.28	102.66	0.21	105.49	103.31
11700.00	1.60	305.71	11697.34	-62.23	-22.61	100.60	0.24	103.11	102.67
11800.00	0.96	301.76	11797.31	-61.63	-21.35	98.75	0.65	101.03	102.20
11900.00	0.63	319.05	11897.30	-61.36	-20.50	97.68	0.40	99.80	101.85
12000.00	0.45	318.97	11997.30	-61.35	-19.79	97.06	0.18	99.06	101.52
12100.00	0.36	342.69	12097.30	-61.47	-19.19	96.71	0.19	98.59	101.22
12200.00	0.55	327.40	12197.29	-61.65	-18.48	96.36	0.22	98.11	100.86
12300.00	0.57	248.74	12297.29	-61.24	-18.26	95.63	0.71	97.36	100.81
12400.00	1.52	241.60	12397.27	-59.48	-19.07	94.00	0.96	95.92	101.47
12440.00	1.36	239.81	12437.26	-58.49	-19.56	93.13	0.42	95.16	101.86

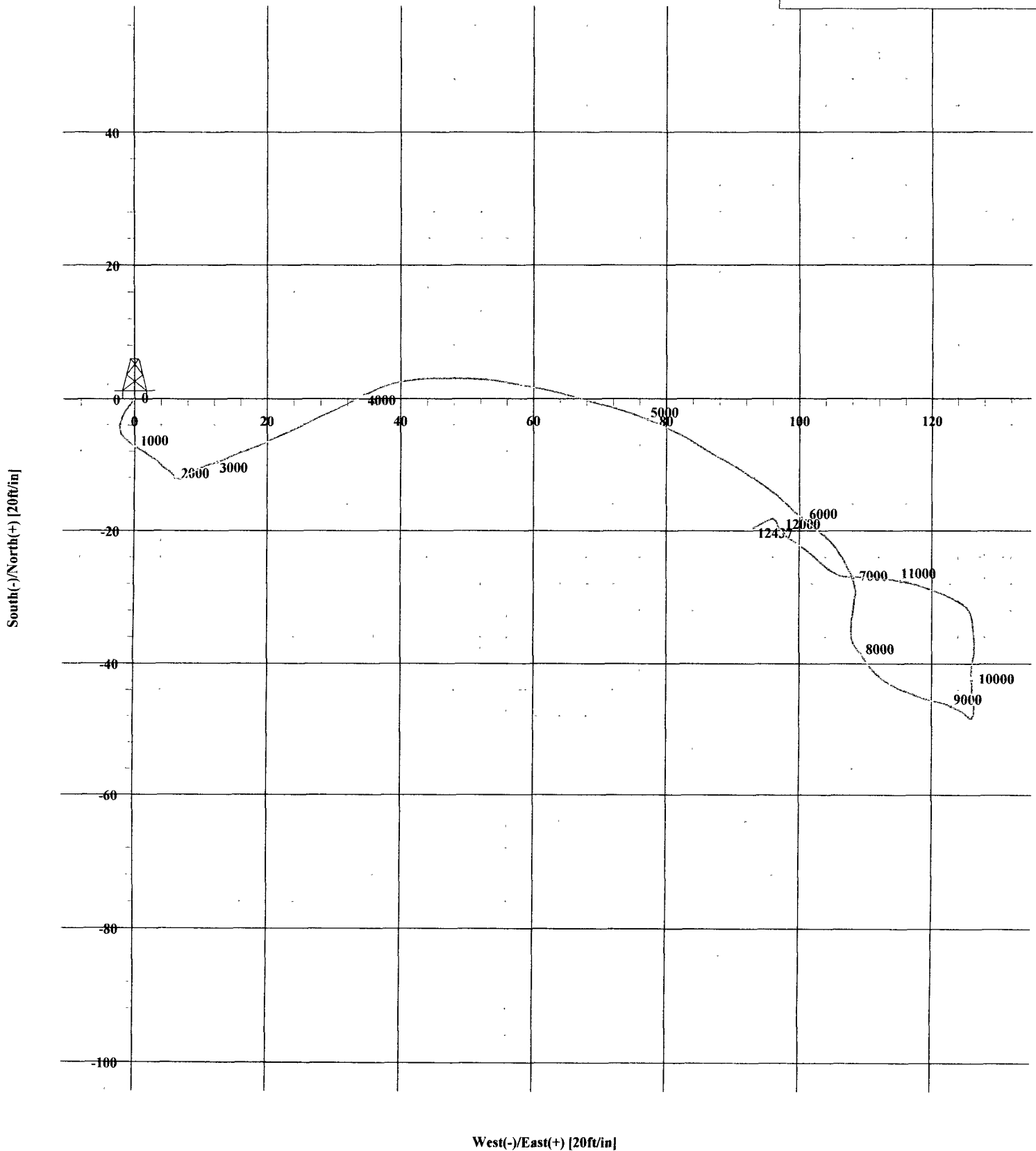


Scientific
Drilling

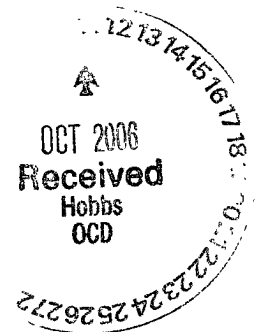
Field: Vaca
Site: Lea County, NM
Well: Vaca Fed 14 #2H
Wellpath: VH - Job #32K0606488
Survey: 06/18/06



Armature to Grid North
True North 0.00°
Magnetic North 0.00°
Magnetic Field
Strength 0.61
Dip Angle 0.00°
Date 07/10/2006
Model igr2000



DEPT FT	INC DEG	AZI DEG	MTTVD FT	RCN FT	RCE FT	SECT FT	DLSEV DG/HFT
Data							
11800	0.96	301.76	11797.3	-21.35	98.75	96.29	-999.25
11844	0.53	345.92	11841.3	-20.96	98.39	95.97	1.56
11875	1.49	75.4	11872.29	-20.72	98.74	96.35	5.1
11906	6.51	89.02	11903.21	-20.59	100.89	98.5	16.34
11937	12.84	88.93	11933.75	-20.49	106.1	103.69	20.42
11969	19.43	88.14	11964.47	-20.25	114.98	112.56	20.62
12000	24.97	88.4	11993.16	-19.9	126.69	124.24	17.87
12031	29.28	90.16	12020.75	-19.74	140.82	138.32	14.14
12062	33.94	90.78	12047.14	-19.88	157.06	154.48	15.07
12093	38.16	91.22	12072.2	-20.2	175.3	172.61	13.64
12124	41.33	90.78	12096.03	-20.54	195.11	192.3	10.25
12155	44.14	89.46	12118.8	-20.58	216.15	213.24	9.52
12186	47.92	87.88	12140.32	-20.05	238.45	235.49	12.74
12217	52.5	85.59	12160.15	-18.68	262.22	259.28	15.8
12248	56.37	83.66	12178.18	-16.31	287.32	284.49	13.47
12279	59.18	82.78	12194.71	-13.21	313.35	310.71	9.39
12309	61.55	82.95	12209.54	-9.97	339.23	336.77	7.93
12340	65.33	83.48	12223.4	-6.7	366.76	364.48	12.29
12370	68.41	84.01	12235.18	-3.69	394.18	392.07	10.39
12401	71.14	84.18	12245.9	-0.7	423.11	421.15	8.81
12432	74.57	83.48	12255.04	2.48	452.56	450.77	11.27
12462	78.88	82.51	12261.93	6.04	481.53	479.95	14.7
12493	82.75	82.16	12266.88	10.12	511.85	510.52	12.53
12507	84.42	81.81	12268.44	12.06	525.63	524.42	12.19
12548	87.05	82.55	12271.49	17.62	566.13	565.26	6.68
12580	86.7	83.13	12273.23	21.6	597.83	597.2	2.12
12612	88.55	82.95	12274.56	25.48	629.57	629.16	5.8
12643	90.04	83.31	12274.94	29.18	660.34	660.15	4.95
12675	89.96	83.39	12274.94	32.89	692.13	692.14	0.39
12707	89.69	82.87	12275.04	36.72	723.9	724.13	1.84
12739	89.78	82.78	12275.18	40.71	755.65	756.11	0.39
12770	89.34	82.6	12275.42	44.66	786.39	787.1	1.53
12802	89.43	82.34	12275.76	48.85	818.12	819.07	0.87
12834	89.52	82.25	12276.06	53.14	849.83	851.05	0.39
12866	89.52	82.16	12276.33	57.48	881.53	883.02	0.27
12897	89.87	82.95	12276.5	61.49	912.27	914	2.79
12929	89.6	83.31	12276.64	65.32	944.04	945.99	1.37
12961	89.6	84.36	12276.86	68.76	975.85	977.98	3.3
12993	89.69	84.27	12277.06	71.93	1007.69	1009.98	0.39
13024	90.75	84.36	12276.94	75	1038.54	1040.98	3.42
13056	90.84	84.45	12276.5	78.12	1070.39	1072.98	0.39
13088	90.48	84.36	12276.13	81.24	1102.23	1104.98	1.13
13119	89.87	84.71	12276.04	84.19	1133.09	1135.98	2.29
13151	89.52	84.71	12276.21	87.14	1164.95	1167.98	1.1
13183	89.34	84.45	12276.53	90.16	1196.81	1199.97	0.99
13215	90.66	84.8	12276.53	93.16	1228.67	1231.97	4.27
13246	90.57	85.06	12276.19	95.9	1259.54	1262.97	0.9
13278	90.66	84.8	12275.85	98.72	1291.42	1294.97	0.87
13309	90.57	84.89	12275.52	101.51	1322.29	1325.97	0.4



DEPT FT	INC DEG	AZI DEG	MTTVD FT	RCN FT	RCE FT	SECT FT	DLSEV DG/HFT
Data							
13341	90.84	84.54	12275.12	104.46	1354.15	1357.96	1.37
13373	90.66	83.57	12274.71	107.77	1385.98	1389.96	3.07
13405	90.57	83.57	12274.36	111.36	1417.77	1421.95	0.27
13436	90.48	83.22	12274.08	114.92	1448.56	1452.94	1.17
13468	90.75	83.04	12273.73	118.75	1480.33	1484.93	0.99
13500	91.19	83.22	12273.19	122.58	1512.1	1516.92	1.48
13531	90.75	83.13	12272.67	126.26	1542.87	1547.9	1.45
13563	90.92	83.04	12272.2	130.11	1574.64	1579.89	0.61
13595	90.84	82.95	12271.71	134.01	1606.4	1611.87	0.39
13627	90.48	82.87	12271.34	137.96	1638.15	1643.86	1.13
13658	90.66	82.78	12271.04	141.84	1668.91	1674.84	0.63
13690	90.92	82.6	12270.59	145.91	1700.64	1706.82	0.99
13722	90.92	82.34	12270.08	150.1	1732.36	1738.79	0.82
13754	89.6	82.95	12269.93	154.19	1764.1	1770.78	4.55
13785	89.69	82.78	12270.12	158.04	1794.86	1801.76	0.63
13817	89.25	82.95	12270.42	162.02	1826.61	1833.74	1.48
13849	89.6	82.87	12270.73	165.97	1858.36	1865.73	1.13
13880	88.81	83.92	12271.16	169.53	1889.15	1896.72	4.25
13912	88.02	83.83	12272.05	172.94	1920.96	1928.7	2.49
13944	88.29	83.75	12273.08	176.41	1952.75	1960.69	0.87
13976	88.29	83.57	12274.04	179.94	1984.54	1992.67	0.55
14007	88.37	83.39	12274.94	183.46	2015.33	2023.65	0.63
14039	88.46	82.95	12275.82	187.26	2047.09	2055.63	1.4
14071	87.05	83.22	12277.08	191.11	2078.83	2087.59	4.47
14102	87.05	82.95	12278.67	194.83	2109.57	2118.54	0.85
14134	87.41	82.69	12280.21	198.83	2141.28	2150.48	1.37
14166	87.67	83.48	12281.59	202.68	2173.02	2182.44	2.6
14197	87.49	83.92	12282.9	206.07	2203.8	2213.41	1.53
14229	87.67	84.36	12284.25	209.34	2235.61	2245.38	1.48
14261	87.93	83.92	12285.48	212.6	2267.42	2277.36	1.6
14292	88.11	84.54	12286.54	215.72	2298.24	2308.34	2.06
14324	87.85	85.24	12287.67	218.57	2330.09	2340.32	2.35
14356	87.85	85.15	12288.88	221.24	2361.96	2372.3	0.27
14387	87.76	85.06	12290.07	223.89	2392.82	2403.27	0.4
14419	87.85	85.5	12291.29	226.52	2424.69	2435.24	1.4
14451	87.58	85.24	12292.57	229.1	2456.56	2467.22	1.16
14483	88.02	85.59	12293.8	231.65	2488.43	2499.19	1.76
14514	88.29	86.56	12294.8	233.77	2519.34	2530.16	3.23
14546	90.04	86.65	12295.26	235.67	2551.28	2562.14	5.5
14578	90.57	86.65	12295.09	237.54	2583.23	2594.12	1.65
14609	90.75	86.47	12294.74	239.4	2614.17	2625.1	0.8
14641	90.13	86.47	12294.49	241.37	2646.11	2657.08	1.92
14673	88.2	85.42	12294.96	243.64	2678.02	2689.06	6.88
14704	86.7	84.54	12296.33	246.35	2708.87	2720.03	5.59
14756	86.7	84.54	12299.33	251.29	2760.55	2771.94	0.01