

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		MAR 19 2008	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Other		HOBBS	
2. Name of Operator EOG Resources Inc.		8. Lease Name and Well No. Sand Tank 7 Fed Com 2H	
3. Address P.O. Box 2267 Midland, Texas 79702		9. API Well No. 30-015-34289 S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FNL & 1980' FWL U/L C At top prod. interval reported below At total depth 972' FSL & 2019' FWL U/L N		10. Field and Pool, or Exploratory Sand Tank; Bone Spring	
14. Date Spudded 1/25/06		15. Date T.D. Reached 2/25/06	
16. Date Completed 4/2/06		17. Elevations (DF, RKB, RT, GL)* 3529' GL	
18. Total Depth MD TVD 11560 7937		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
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)	
24. Tubing Record		25. Producing Intervals	
26. Perforation Record		27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
28. Production - Interval A		28a. Production-Interval B	

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14 3/4	11 3/4	42		368		300 Prem +		Surface	
11	8 5/8	32		3226		875 C		Surface	
						250 Prem +			
7 7/8	5 1/2	17		11502		1200 C		Surface	
						450 Acid Sol			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	7288							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 3rd Bone Spring	7910		8200' - 11400'	0.40	120	Producing
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
8200' - 11400'	Frac w/ 12626 bbls YF-130 + 741515 lbs 20/40 LC sand, 5000 gals 15% acid, total load 13703 bbls fresh water

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
4/2/06	4/12/06	24	→	220	322	104	40.0		ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
80	50							POW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						APR 24 2006
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
									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	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr.	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	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

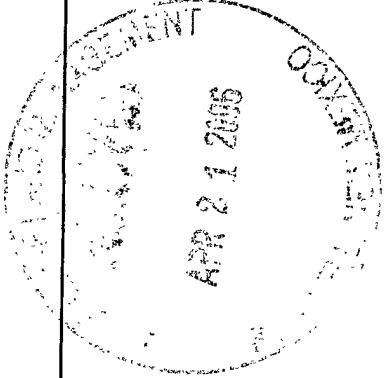
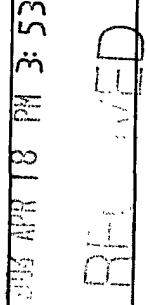
29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

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	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Rustler	335'
				Base of salt	1170'
				Queen	2280'
				San Andres	3235'
				1st Bone Spring Carbonate	4245'
				1st Bone Spring Sand	6630'
				2nd Bone Spring Carbonate	6945'
				2nd Bone Spring Sand	7440'
				3rd Bone Spring Carbonate	7910'

32. Additional remarks (include plugging procedure):

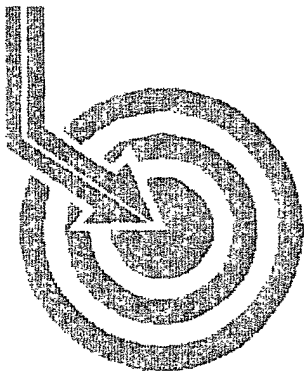
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Stan WagnerTitle Regulatory AnalystSignature Date 4/13/06

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

E.O.G.

Field: Sand Tank
Site: Eddy County, NM
Well: Sand Tank Fed #2H
Wellpath: VH - Job #32K0206119
Survey: 02/11/06

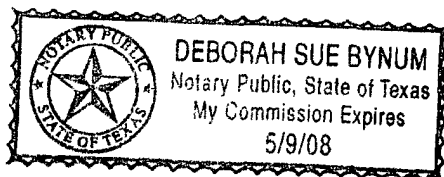
This survey is correct to the best of my knowledge
and is supported by actual field data.

Shirley.....Company Representative

Notorized this date 6th of March, 2006.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: E.O.G.	Date: 03/06/2006	Time: 18:57:42	Page: 1
Field: Sand Tank	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: Sand Tank Fed #2H	Section (VS) Reference:	Well (0.00N.0.00E, 179.88Azi)	
Wellpath: VH - Job #32K0206119	Survey Calculation Method:	Minimum Curvature	
		Db: Sybase	

Survey: 02/11/06 KSRG 0'-7760'	Start Date: 02/11/2006
Company: Scientific Drilling Internatio	Engineer: Madrid w/Rotary
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	359.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.18	359.22	100.00	-0.16	0.16	0.00	0.18	0.16	359.22
200.00	0.27	316.39	200.00	-0.49	0.48	-0.17	0.18	0.51	341.01
300.00	0.36	274.71	300.00	-0.68	0.68	-0.64	0.24	0.94	316.68
400.00	0.82	229.97	399.99	-0.25	0.25	-1.50	0.62	1.52	279.32
500.00	1.04	231.07	499.98	0.78	-0.78	-2.76	0.22	2.87	254.13
600.00	1.09	236.92	599.96	1.86	-1.87	-4.26	0.12	4.65	246.26
700.00	1.30	242.08	699.94	2.91	-2.92	-6.06	0.24	6.73	244.24
800.00	1.47	241.49	799.91	4.05	-4.07	-8.19	0.17	9.14	243.59
900.00	1.70	250.20	899.87	5.16	-5.18	-10.71	0.33	11.90	244.19
1000.00	2.03	249.43	999.82	6.28	-6.31	-13.77	0.33	15.14	245.39
1100.00	2.16	250.36	1099.75	7.53	-7.56	-17.20	0.13	18.79	246.27
1200.00	2.05	252.74	1199.69	8.68	-8.73	-20.68	0.14	22.45	247.12
1300.00	2.08	247.98	1299.62	9.89	-9.94	-24.07	0.17	26.04	247.57
1400.00	2.01	252.43	1399.56	11.09	-11.15	-27.43	0.17	29.61	247.88
1500.00	1.71	250.09	1499.50	12.12	-12.18	-30.50	0.31	32.84	248.22
1600.00	1.67	250.43	1599.46	13.11	-13.18	-33.28	0.04	35.79	248.39
1700.00	1.71	253.88	1699.42	14.01	-14.08	-36.08	0.11	38.73	248.68
1800.00	1.69	251.14	1799.37	14.89	-14.97	-38.91	0.08	41.69	248.95
1900.00	1.62	256.99	1899.33	15.68	-15.77	-41.68	0.18	44.57	249.28
2000.00	1.60	257.50	1999.29	16.30	-16.39	-44.42	0.02	47.35	249.75
2100.00	1.61	253.63	2099.25	16.99	-17.09	-47.14	0.11	50.14	250.07
2200.00	1.71	255.69	2199.21	17.75	-17.85	-49.93	0.12	53.02	250.33
2300.00	1.52	258.18	2299.17	18.38	-18.49	-52.67	0.20	55.83	250.65
2400.00	1.53	253.67	2399.14	19.02	-19.14	-55.25	0.12	58.47	250.89
2500.00	1.53	254.97	2499.10	19.74	-19.86	-57.82	0.03	61.14	251.04
2600.00	1.55	255.22	2599.06	20.43	-20.55	-60.42	0.02	63.82	251.21
2700.00	1.59	257.36	2699.03	21.07	-21.20	-63.08	0.07	66.55	251.42
2800.00	1.51	260.83	2798.99	21.58	-21.71	-65.74	0.12	69.23	251.72
2900.00	1.46	254.31	2898.96	22.13	-22.27	-68.26	0.18	71.80	251.93
3000.00	1.56	261.03	2998.92	22.68	-22.83	-70.83	0.20	74.42	252.14
3100.00	1.44	263.83	3098.89	23.02	-23.17	-73.43	0.14	77.00	252.48
3200.00	1.44	263.16	3198.86	23.30	-23.46	-75.92	0.02	79.47	252.83
3300.00	1.65	267.60	3298.82	23.50	-23.67	-78.61	0.24	82.10	253.24
3400.00	1.82	272.05	3398.77	23.50	-23.67	-81.64	0.22	85.00	253.83
3500.00	1.80	276.82	3498.72	23.25	-23.43	-84.78	0.15	87.96	254.55
3600.00	1.81	283.03	3598.67	22.70	-22.89	-87.88	0.20	90.81	255.40
3700.00	1.96	283.92	3698.62	21.93	-22.12	-91.08	0.15	93.73	256.35
3800.00	2.05	286.88	3798.56	20.99	-21.19	-94.45	0.14	96.80	257.36
3900.00	1.99	289.97	3898.50	19.87	-20.07	-97.79	0.12	99.83	258.40
4000.00	2.07	290.56	3998.43	18.64	-18.85	-101.12	0.08	102.86	259.44
4100.00	2.17	296.83	4098.37	17.14	-17.36	-104.50	0.25	105.93	260.57
4200.00	2.49	303.07	4198.28	15.09	-15.32	-108.01	0.41	109.09	261.93
4300.00	2.75	302.98	4298.18	12.59	-12.83	-111.84	0.26	112.57	263.46
4400.00	2.71	296.09	4398.07	10.24	-10.48	-115.98	0.33	116.45	264.84
4500.00	2.95	276.51	4497.95	8.90	-9.15	-120.66	0.99	121.00	265.66
4600.00	4.00	264.93	4597.76	8.90	-9.17	-126.69	1.26	127.02	265.86
4700.00	5.83	259.56	4697.39	10.11	-10.40	-135.16	1.88	135.56	265.60
4800.00	7.24	256.70	4796.74	12.46	-12.77	-146.28	1.45	146.84	265.01



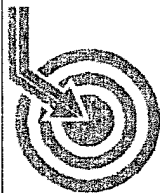
Scientific Drilling International

Survey Report

Company: E.O.G.	Date: 03/06/2006	Time: 18:57:42	Page: 2
Field: Sand Tank	Co-ordinate(NE) Reference:	Site: Eddy County, NM; Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Sand Tank Fed #2H	Section (VS) Reference:	Well (0.00N;0.00E;179.88Azi)	
Wellpath: VH - Job #32K0206119	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	4.94	230.34	4896.19	16.64	-16.97	-155.73	3.56	156.65	263.78
5000.00	3.80	210.51	4995.90	22.23	-22.57	-160.73	1.88	162.31	262.01
5100.00	2.42	194.13	5095.75	27.13	-27.47	-162.93	1.63	165.23	260.43
5200.00	2.33	193.27	5195.67	31.15	-31.50	-163.91	0.10	166.91	259.12
5300.00	0.27	173.38	5295.63	33.37	-33.71	-164.35	2.08	167.77	258.41
5400.00	0.15	137.30	5395.63	33.70	-34.04	-164.23	0.17	167.72	258.29
5500.00	0.31	265.14	5495.63	33.81	-34.16	-164.42	0.42	167.93	258.26
5600.00	1.11	287.77	5595.62	33.54	-33.89	-165.61	0.83	169.04	258.44
5700.00	1.61	300.35	5695.60	32.53	-32.88	-167.74	0.58	170.93	258.91
5800.00	0.13	25.99	5795.58	31.72	-32.07	-168.90	1.61	171.92	259.25
5900.00	0.23	32.80	5895.58	31.44	-31.80	-168.75	0.10	171.72	259.33
6000.00	0.19	71.62	5995.58	31.22	-31.58	-168.48	0.14	171.41	259.38
6100.00	0.07	269.58	6095.58	31.17	-31.53	-168.38	0.26	171.31	259.40
6200.00	1.26	276.37	6195.57	31.05	-31.40	-169.54	1.19	172.42	259.51
6300.00	2.08	279.55	6295.53	30.62	-30.98	-172.42	0.82	175.18	259.81
6400.00	2.63	278.42	6395.45	29.97	-30.34	-176.48	0.55	179.07	260.24
6500.00	2.64	277.66	6495.34	29.32	-29.70	-181.03	0.04	183.45	260.68
6600.00	2.45	281.09	6595.24	28.59	-28.98	-185.41	0.24	187.66	261.12
6700.00	2.35	288.11	6695.15	27.54	-27.93	-189.46	0.31	191.51	261.61
6800.00	2.37	289.33	6795.07	26.21	-26.61	-193.36	0.05	195.18	262.16
6900.00	2.36	290.52	6894.98	24.79	-25.21	-197.24	0.05	198.84	262.72
7000.00	2.40	294.53	6994.90	23.19	-23.62	-201.07	0.17	202.45	263.30
7100.00	2.28	296.10	7094.81	21.44	-21.87	-204.76	0.14	205.93	263.90
7200.00	2.18	298.30	7194.74	19.66	-20.09	-208.22	0.13	209.19	264.49
7300.00	1.90	303.38	7294.67	17.84	-18.28	-211.28	0.33	212.07	265.05
7400.00	1.99	302.09	7394.62	16.00	-16.45	-214.14	0.10	214.77	265.61
7500.00	2.04	300.99	7494.56	14.15	-14.61	-217.13	0.06	217.62	266.15
7600.00	2.08	301.18	7594.49	12.29	-12.75	-220.21	0.04	220.58	266.69
7700.00	1.98	293.18	7694.43	10.66	-11.13	-223.35	0.30	223.63	267.15
7760.00	2.01	287.39	7754.39	9.94	-10.41	-225.31	0.34	225.55	267.35



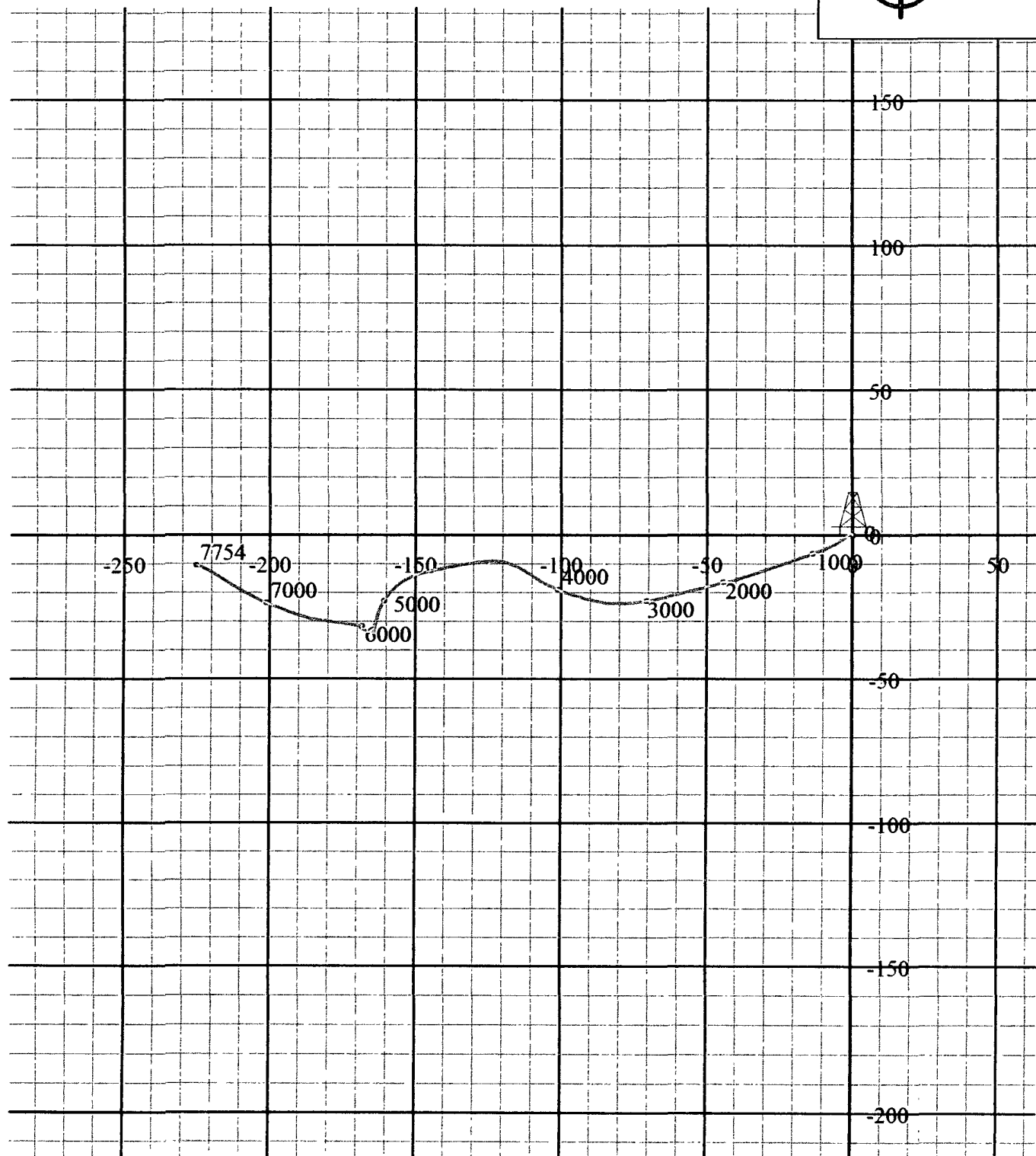
**Scientific
Drilling**

Field: Sand Tank
Site: Eddy County, NM
Well: Sand Tank Fed #2H
Wellpath: VH - Job #32K0206119
Survey: 02/11/06



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 03/06/2006
Model: igrf2000



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

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

PathFinder Energy Services

Survey Report

Page 1
Job No: JWT-0602-0032-WTWT
Date: 2/25/2006
Time: 1:40 pm
Wellpath ID: 06020032
Date Created: 2/4/2006
Last Revision: 2/25/2006

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 179.87 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG RESOURCES
Sand Tank #7 Fed. #2H
McVay #4
Eddy Co. N.M.
06020032

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Build Rate (dg/100ft)	Walk Rate (dg/100ft)	DLS (dg/100ft)
TIE-IN IS A SCIENTIFIC GYRO SURVEY									
7300.00	1.90	303.38	7294.67	17.80	18.28 S	211.28W	0.00	0.00	0.00
THE FOLLOWING ARE PATHFINDER SURVEYS									
7340.00	3.78	211.03	7334.63	18.56	19.05 S	212.51W	4.70	-230.88	10.76
7372.00	8.18	199.43	7366.46	21.61	22.10 S	213.82W	13.75	-36.26	14.19
7404.00	12.40	196.27	7397.93	27.06	27.55 S	215.54W	13.19	-9.87	13.30
7436.00	16.88	193.54	7427.92	34.63	36.12 S	217.52W	14.45	-8.81	14.62
7466.00	21.28	190.29	7457.21	44.54	45.04 S	219.59W	14.19	-10.48	14.60
7498.00	25.59	184.23	7486.57	57.16	57.85 S	221.13W	13.47	-18.94	15.42
7530.00	28.84	175.53	7515.03	71.74	72.24 S	221.04W	10.16	-27.19	16.03
7561.00	31.92	176.76	7541.77	87.39	87.89 S	219.99W	9.94	3.97	10.14
7593.00	35.00	178.51	7568.47	105.01	105.51 S	219.29W	9.63	5.47	10.09
7622.00	38.60	177.99	7591.88	122.37	122.87 S	218.74W	12.41	-1.79	12.46
7654.00	42.91	176.93	7615.92	143.24	143.73 S	217.81W	13.47	-3.31	13.64
7686.00	45.46	176.05	7638.86	165.50	165.99 S	216.44W	7.97	-2.75	8.20
7718.00	47.84	176.23	7660.83	188.72	189.21 S	214.87W	7.44	0.56	7.45
7750.00	51.00	177.11	7681.64	212.98	213.47 S	213.47W	9.88	2.75	10.09
7781.00	53.38	178.25	7700.65	237.45	237.94 S	212.48W	7.68	3.68	8.21
7813.00	55.93	178.60	7719.16	263.55	264.03 S	211.76W	7.97	1.09	8.02
7844.00	58.88	178.07	7735.82	289.79	290.27 S	211.00W	12.74	-1.71	12.82
7876.00	62.96	178.16	7750.93	317.88	318.36 S	210.07W	9.62	0.28	9.83
7908.00	64.89	177.84	7764.99	346.60	347.08 S	209.02W	8.03	-1.63	6.21
7939.00	66.74	177.28	7777.69	374.85	375.33 S	207.77W	5.97	-1.16	6.06
7971.00	69.20	177.46	7789.70	404.49	404.98 S	206.40W	7.69	0.56	7.71
8002.00	72.28	178.43	7799.92	433.73	434.20 S	205.36W	9.94	3.13	10.37
8033.00	75.97	179.22	7808.40	463.54	464.01 S	204.75W	11.90	2.55	12.15
8065.00	80.28	180.01	7814.98	494.85	495.31 S	204.54W	13.47	2.47	13.68
8096.00	83.98	179.74	7819.23	525.55	526.02 S	204.47W	11.94	-0.87	11.97
8128.00	88.17	178.51	7821.97	557.43	557.89 S	203.99W	6.84	-3.84	7.84
8171.00	88.02	177.99	7824.15	600.35	600.81 S	202.67W	4.30	-1.21	4.47
8203.00	89.08	178.25	7824.96	632.33	632.79 S	201.62W	3.31	0.81	3.41
8233.00	89.25	178.43	7825.40	662.31	662.77 S	200.76W	0.57	0.60	0.83
8265.00	89.52	178.48	7825.74	694.30	694.76 S	199.89W	0.84	0.18	0.86
8326.00	88.37	178.69	7826.90	757.27	757.72 S	198.34W	-1.83	0.33	1.86

PathFinder Energy Services

Survey Report

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Date: 2/25/2006
Wellpath ID: 06020032

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Build Rate (dg/100ft)	Walk Rate (dg/100ft)	DLS (dg/100ft)
8392.00	87.49	178.69	7829.21	821.22	821.67 S	196.87W	-1.38	0.00	1.38
8455.00	87.67	178.51	7831.88	884.15	884.59 S	195.34W	0.29	-0.29	0.40
8517.00	87.76	177.99	7834.35	946.07	946.51 S	193.48W	0.15	-0.84	0.85
8581.00	87.85	177.81	7836.80	1009.99	1010.42 S	191.10W	0.14	-0.28	0.31
8644.00	88.11	177.64	7839.02	1072.90	1073.33 S	188.80W	0.41	-0.27	0.49
8708.00	88.46	177.37	7840.93	1136.82	1137.24 S	186.82W	0.55	-0.42	0.69
8803.00	88.20	177.65	7843.70	1231.70	1232.11 S	181.61W	-0.27	0.19	0.33
8866.00	88.20	177.99	7845.68	1284.62	1285.03 S	179.16W	0.00	0.70	0.70
8930.00	88.81	178.34	7847.35	1358.57	1358.98 S	177.11W	0.95	0.56	1.10
8993.00	88.02	177.81	7849.09	1421.52	1421.92 S	175.00W	-1.25	-0.84	1.51
9057.00	87.05	177.46	7851.85	1485.41	1485.80 S	172.36W	-1.52	-0.55	1.81
9121.00	86.97	176.67	7855.19	1549.24	1549.63 S	169.08W	-0.13	-1.23	1.24
9184.00	87.58	176.67	7858.18	1612.07	1612.45 S	165.43W	0.97	0.00	0.97
9247.00	87.93	176.40	7860.65	1674.92	1675.29 S	161.62W	0.56	-0.43	0.70
9310.00	88.46	176.23	7862.63	1737.76	1738.13 S	157.58W	0.84	-0.27	0.88
9372.00	88.11	175.53	7864.49	1799.59	1799.94 S	153.12W	-0.56	-1.13	1.26
9436.00	88.81	176.26	7866.21	1863.37	1863.71 S	147.99W	1.09	-0.42	1.17
9499.00	89.60	175.09	7867.08	1926.15	1926.48 S	142.89W	1.25	-0.27	1.28
9563.00	88.20	174.36	7868.31	1989.88	1990.19 S	136.82W	-2.19	-1.11	2.45
9627.00	87.85	174.47	7870.52	2053.55	2053.85 S	130.80W	-0.55	0.14	0.56
9690.00	88.29	174.21	7872.64	2116.22	2116.51 S	124.39W	0.70	-0.41	0.81
9754.00	88.72	173.94	7874.31	2179.87	2180.15 S	117.79W	0.67	-0.42	0.79
9818.00	87.93	174.47	7876.18	2243.53	2243.79 S	111.33W	-1.23	0.83	1.49
9879.00	87.56	175.00	7878.57	2304.24	2304.49 S	105.74W	-0.57	0.87	1.04
9941.00	87.58	174.47	7881.19	2365.94	2366.17 S	100.05W	0.00	-0.85	0.85
10002.00	88.11	175.35	7883.48	2426.67	2426.89 S	94.65W	0.87	1.44	1.68
10064.00	88.20	175.35	7885.48	2488.44	2488.66 S	89.62W	0.15	0.00	0.15
10126.00	88.46	175.35	7887.28	2550.22	2550.42 S	84.60W	0.42	0.00	0.42
10187.00	88.99	175.09	7888.64	2611.01	2611.19 S	79.52W	0.87	-0.43	0.97
10249.00	89.25	174.74	7889.59	2672.77	2672.94 S	74.02W	0.42	-0.56	0.70
10310.00	89.69	174.47	7890.16	2733.51	2733.67 S	68.28W	0.72	-0.44	0.85
10372.00	89.87	174.82	7890.40	2795.25	2795.40 S	62.50W	0.29	0.56	0.63
10434.00	90.04	175.70	7890.47	2856.95	2857.08 S	54.90W	0.18	0.96	0.97
10496.00	89.96	175.97	7890.47	2918.65	2918.82 S	47.39W	-0.13	0.44	0.45
10558.00	88.99	176.05	7891.58	3071.51	3071.81 S	41.84W	-0.79	0.07	0.79
10620.00	89.25	175.44	7892.53	3132.34	3132.44 S	37.31W	0.43	-1.00	1.08
10682.00	87.85	175.88	7894.89	3225.08	3225.14 S	30.28W	-1.51	0.47	1.58
10744.00	88.29	175.44	7897.98	3318.76	3318.82 S	23.32W	0.48	-0.48	0.68
10806.00	88.64	174.74	7899.64	3378.52	3378.57 S	18.01W	0.56	-1.13	1.26
10868.00	88.44	175.35	7903.59	3470.11	3470.14 S	10.07W	-2.39	0.66	2.48
10930.00	85.74	174.65	7909.94	3562.55	3562.57 S	1.99W	-0.75	-0.75	1.06
10992.00	85.74	174.65	7916.77	3653.92	3653.91 S	6.57 E	0.00	0.00	0.00
11054.00	86.09	174.47	7923.32	3745.29	3745.27 S	15.27 E	0.38	-0.20	0.43
11116.00	86.44	173.86	7931.40	3836.67	3836.66 S	27.85 E	0.28	-0.49	0.57
11178.00	86.79	173.94	7934.35	3918.06	3917.99 S	33.15 E	0.70	0.16	0.72

Straight Line Projection To Bit

PathFinder Energy Services

Survey Report

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Date: 2/25/2008

Wellpath ID: 08020032

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)	DLS (dg/100ft)
11680.00	88.79	173.94	7937.71	3977.64	3977.56 S 39.47 E	0.00	0.00	0.00