

MAR 24 2008

OCD-ARTESIA

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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		5. Lease Serial No MMN 108958							
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator EOG Resources Inc.		7. Unit or CA Agreement Name and No							
3. Address P.O. Box 2267 Midland, Texas 79702		8. Lease Name and Well No. Danube 14 Fed Com 2H							
3a. Phone No. (include area code) 432 686 3689		9. API Well No 30-015-34494 S1							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 230' FSL & 330' FEL U/L P At top prod interval reported below At total depth 2069' FNL & 805' FEL U/L H		10. Field and Pool, or Exploratory Collins Ranch; Wolfcamp NE Gas							
11. Sec., T., R., M., or Block and Survey or Area Sec 14, T17S, R24E		12. County or Parish Eddy							
13. State NM		14. Date Spudded 1/13/06							
15. Date T.D. Reached 3/7/06		16. Date Completed ☐ D & A ☒ Ready to Prod. 4/21/06							
17. Elevations (DF, RKB, RT, GL)* 3715 GL		18. Total Depth: MD 7950 TVD 4971							
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)									
Hole Size	Size/Grade	Wt (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
9 7/8	7	23		908		540 PP		Surface	
						315 Hal Lite			
6 1/8	4 1/2	11.6		7946		500 C		728 TS	
						200 ASC			
24. Tubing Record				25. Producing Intervals					
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8	4746								
26. Perforation Record				27. Acid, Fracture, Treatment, Cement Squeeze, Etc.					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Wolfcamp	4964		5389 - 7775			Producing			
B)									
C)									
D)									
28. Production - Interval A				28a. Production - Interval B					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
4/21/06	5/3/06	24		0	291	33			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
Open	138	230						PGW	
28b. Production - Interval C				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. SI	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

RECEIVED
MAR 19 2008
TOBBS OGD

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
RECEIVED OCT 10 1906 OFFICE OF THE ATTORNEY GENERAL STATE OF TEXAS				San Andres	560'
				Glorieta	1930'
				Tubb	3220'
				Abu Shale	3890'
				Wolfcamp	4964'

32. Additional remarks (include plugging procedure):

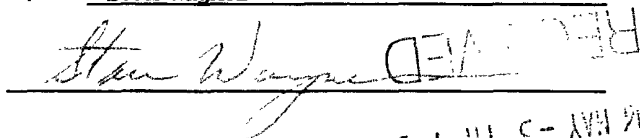
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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 Analyst

Signature


Date 5/4/06

8E:1 PM 5-14-06
MAY 5 1:38 PM '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.

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1200.00	.75	327.11	1199.67	11.33	-21.48	11.39	24.29	297.81	.41
1300.00	.50	330.05	1299.66	12.26	-22.06	12.32	25.24	299.07	.25
1400.00	1.00	294.99	1399.65	13.01	-23.07	13.07	26.48	299.42	.66
1500.00	1.00	287.94	1499.64	13.64	-24.69	13.71	28.21	298.93	.12
1600.00	1.50	279.85	1599.61	14.14	-26.81	14.21	30.31	297.80	.53
1700.00	1.75	278.75	1699.57	14.59	-29.61	14.67	33.01	296.24	.25
1800.00	1.50	269.65	1799.53	14.82	-32.42	14.90	35.65	294.56	.36
1900.00	1.50	269.54	1899.50	14.80	-35.04	14.89	38.04	292.89	.00
2000.00	1.50	268.43	1999.46	14.75	-37.66	14.85	40.44	291.39	.03
2100.00	1.50	279.33	2099.43	14.93	-40.26	15.03	42.94	290.35	.28
2200.00	1.25	268.22	2199.40	15.11	-42.64	15.22	45.24	289.51	.36
2300.00	1.25	266.12	2299.38	15.00	-44.82	15.12	47.26	288.50	.05
2400.00	.75	243.02	2399.36	14.63	-46.49	14.75	48.74	287.47	.63
2500.00	1.00	246.38	2499.35	13.98	-47.87	14.11	49.87	286.28	.26
2600.00	1.00	227.17	2599.33	13.04	-49.31	13.17	51.01	284.81	.33
2700.00	.50	255.96	2699.33	12.34	-50.38	12.47	51.87	283.76	.61
2800.00	.50	294.74	2799.32	12.42	-51.20	12.55	52.68	283.63	.33
2900.00	.50	282.61	2899.32	12.69	-52.02	12.83	53.54	283.71	.11
3000.00	.50	277.50	2999.31	12.85	-52.88	12.98	54.41	283.66	.04
3100.00	.75	330.39	3099.31	13.47	-53.63	13.61	55.30	284.10	.60
3200.00	.50	326.27	3199.30	14.40	-54.20	14.55	56.08	284.88	.25
3300.00	.75	319.94	3299.30	15.27	-54.86	15.41	56.95	285.55	.26
3400.00	.75	321.88	3399.29	16.28	-55.69	16.43	58.02	286.30	.03
3500.00	.75	311.83	3499.28	17.24	-56.58	17.38	59.14	286.94	.13
3600.00	.50	298.77	3599.27	17.88	-57.45	18.03	60.17	287.29	.29
3700.00	.75	315.72	3699.27	18.56	-58.29	18.71	61.17	287.66	.31
3800.00	.50	290.66	3799.26	19.18	-59.15	19.34	62.19	287.97	.36
3900.00	.50	286.61	3899.26	19.46	-59.98	19.62	63.06	287.98	.04
4000.00	.50	259.55	3999.25	19.51	-60.83	19.67	63.88	287.78	.23
4100.00	.25	270.50	4099.25	19.43	-61.47	19.59	64.47	287.54	.26
4200.00	.50	277.44	4199.25	19.49	-62.12	19.65	65.11	287.42	.25
4300.00	.25	298.63	4299.25	19.65	-62.75	19.81	65.75	287.39	.28

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4400.00	.25	290.83	4399.25	19.83	-63.14	20.00	66.18	287.44	.03
4500.00	.25	333.02	4499.25	20.10	-63.45	20.27	66.56	287.58	.18
4600.00	.25	318.41	4599.25	20.46	-63.69	20.63	66.90	287.81	.06
4700.00	.25	341.61	4699.24	20.83	-63.90	21.00	67.21	288.05	.10
4800.00	.25	332.80	4799.24	21.23	-64.07	21.40	67.50	288.33	.04

Last Survey Depth Recorded

4900.00	.25	274.38	4899.24	21.44	-64.39	21.61	67.87	288.42	.24
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PathFinder

Survey Report - Geographic

Company: EOG Resources	Date: 3/8/2006	Time: 08:13.06	Page: 1
Field: Danube	Co-ordinate(NE) Reference: Site: Danube "14" Fed Com #2H		
Site: Danube "14" Fed Com #2H	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Danube "14" Fed Com #2-H	Section (VS) Reference: Well (0 00N,0.00E,354.13Azi)		
Wellpath: Fed Com 2-H	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Danube
Eddy County, New Mexico

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: Danube "14" Fed Com #2H

Sec. 14, T17S, R24E, N.M.P.M.

Site Position:	Northing: 665350.00 ft	Latitude: 32 49 44.199 N
From: Map	Easting: 433053.00 ft	Longitude: 104 33 4.602 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3733.00 ft		Grid Convergence: -0.12 deg

Well: Danube "14" Fed Com #2-H

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 665350.00 ft	Latitude: 32 49 44.199 N
	+E/-W 0.00 ft	Easting: 433053.00 ft	Longitude: 104 33 4.602 W
Position Uncertainty: 0.00 ft			

Wellpath: Fed Com 2-H

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 8.70 deg
Mag Dip Angle: 60.70 deg
+E/-W Direction
ft deg

Current Datum: Mean Sea Level	Height 0.00 ft
Magnetic Data: 2/10/2006	
Field Strength: 49443 nT	
Vertical Section: Depth From (TVD)	+N/-S
ft	ft
0.00	0.00

0.00 354.13

Survey: Pathfinder MWD Surveys

Start Date: 2/21/2006

Company: PathFinder Energy Services
Tool:

Engineer: Marty Schmidt
Tied-to: From: Definitive Path

Survey: Pathfinder MWD Surveys

MD	Incl	Azim	TVD	+N/-S	+E/-W	Map	Map	Latitude			Longitude		
ft	deg	deg	ft	ft	ft	Northing	Easting	Deg	Min	Sec	Deg	Min	Sec
4500.00	0.25	333.02	4499.25	20.10	-63.45	665370.10	432989.55	32	49	44.396 N	104	33	5.346 W
4600.00	0.37	346.74	4599.24	20.68	-63.82	665370.68	432989.18	32	49	44.402 N	104	33	5.351 W
4646.00	1.29	320.31	4645.24	21.02	-63.97	665371.02	432989.03	32	49	44.405 N	104	33	5.352 W
4700.00	8.41	313.11	4699.06	23.87	-66.82	665373.87	432986.18	32	49	44.433 N	104	33	5.386 W
4800.00	30.29	310.83	4793.03	45.31	-91.05	665395.31	432961.95	32	49	44.645 N	104	33	5.670 W
4900.00	43.84	312.70	4871.38	86.37	-137.26	665436.37	432915.74	32	49	45.050 N	104	33	6.213 W
5000.00	54.94	316.43	4935.90	140.03	-191.34	665490.03	432861.66	32	49	45.580 N	104	33	6.848 W
5100.00	65.70	318.42	4985.66	203.94	-249.71	665553.94	432803.29	32	49	46.212 N	104	33	7.534 W
5126.46	68.31	319.65	4996.00	222.34	-265.68	665572.34	432787.32	32	49	46.393 N	104	33	7.721 W
5200.00	79.28	321.83	5017.38	276.90	-309.91	665626.90	432743.09	32	49	46.932 N	104	33	8.241 W
5249.00	87.28	321.22	5022.54	315.02	-340.19	665665.02	432712.81	32	49	47.309 N	104	33	8.597 W
5300.00	88.31	325.11	5023.96	355.44	-371.23	665705.44	432681.77	32	49	47.708 N	104	33	8.962 W
5400.00	87.50	333.71	5028.16	442.24	-420.51	665792.24	432632.49	32	49	48.566 N	104	33	9.541 W
5500.00	90.18	342.67	5030.20	535.09	-457.27	665885.09	432595.73	32	49	49.484 N	104	33	9.974 W
5600.00	91.19	350.23	5028.65	632.19	-480.83	665982.19	432572.17	32	49	50.445 N	104	33	10.253 W
5668.00	90.32	355.75	5027.22	699.63	-489.21	666049.63	432563.79	32	49	51.112 N	104	33	10.353 W
5700.00	90.11	359.65	5027.20	731.60	-490.57	666081.60	432562.43	32	49	51.428 N	104	33	10.369 W
5800.00	90.48	1.30	5026.11	831.52	-487.05	666181.52	432565.95	32	49	52.417 N	104	33	10.330 W
5900.00	90.25	359.06	5025.93	931.51	-487.73	666281.51	432565.27	32	49	53.406 N	104	33	10.341 W
6000.00	91.51	359.08	5022.98	1031.45	-489.42	666381.45	432563.58	32	49	54.395 N	104	33	10.363 W
6100.00	91.50	359.41	5021.09	1131.42	-490.73	666481.42	432562.27	32	49	55.384 N	104	33	10.381 W
6200.00	93.47	0.05	5016.47	1231.30	-491.11	666581.30	432561.89	32	49	56.373 N	104	33	10.388 W
6300.00	91.43	359.87	5012.07	1331.20	-491.42	666681.20	432561.58	32	49	57.361 N	104	33	10.394 W

PathFinder

Survey Report - Geographic

Company: EOG Resources	Date: 3/8/2006	Time: 08:13:06	Page: 2
Field: Danube	Co-ordinate(NE) Reference:	Site: Danube "14" Fed Com #2H	
Site: Danube "14" Fed Com #2H	Vertical (TVD) Reference:	System: Mean Sea Level	
Well: Danube "14" Fed Com #2-H	Section (VS) Reference:	Well (0.00N,0.00E,354.13Azi)	
Wellpath: Fed Com 2-H	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Pathfinder MWD Surveys

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec		Longitude Deg Min Sec	
6400.00	91.28	359.61	5010.07	1431.18	-491.83	666781.17	432561.17	32 49	58.351 N	104 33	10 401 W
6500.00	92.43	0 27	5007.07	1531.13	-492.14	666881.13	432560.86	32 49	59.340 N	104 33	10 407 W
6600.00	91.70	0 61	5003.24	1631.05	-491.36	666981.05	432561.64	32 50	0 328 N	104 33	10 400 W
6700.00	92.57	0 48	5000.17	1731.00	-490.19	667081.00	432562.81	32 50	1 317 N	104 33	10 389 W
6800.00	93 13	0 93	4995.10	1830.86	-489.01	667180.86	432563.99	32 50	2 306 N	104 33	10 378 W
6900.00	93.41	0 80	4989.35	1930.68	-487.28	667280.68	432565.72	32 50	3 293 N	104 33	10 360 W
7000.00	91.60	359 69	4984.48	2030.56	-487.12	667380.56	432565.88	32 50	4 282 N	104 33	10 360 W
7100.00	90.95	359.80	4982.85	2130.54	-487.68	667480.54	432565.32	32 50	5 271 N	104 33	10 369 W
7200.00	90.71	359.62	4981.54	2230.53	-488.20	667580.53	432564.80	32 50	6 260 N	104 33	10 378 W
7300.00	90.68	0 25	4979.12	2330.50	-488.17	667680.50	432564.83	32 50	7 250 N	104 33	10 380 W
7400.00	89.04	359.85	4979.85	2430.49	-488.13	667780.49	432564.87	32 50	8 239 N	104 33	10 382 W
7500.00	89.65	0 34	4980.97	2530.48	-487.99	667880.48	432565.01	32 50	9 229 N	104 33	10 383 W
7600.00	91.25	1 01	4980.07	2630.47	-487.11	667980.47	432565.89	32 50	10 218 N	104 33	10 375 W
7700.00	91.76	1 88	4977.12	2730.40	-484.70	668080.40	432568.30	32 50	11 207 N	104 33	10 349 W
7800.00	91 42	1 83	4974.22	2830.29	-481.18	668180.29	432571.82	32 50	12 195 N	104 33	10 310 W
7900.00	90 93	2 19	4972.26	2930.20	-477.29	668280.20	432575.71	32 50	13 184 N	104 33	10 267 W

Targets

Name	Description Dip	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec		Longitude Deg Min Sec	
PBHL Danube Fed Com #2-H			4996.00	4379.00	-440.00	669729.00	432613.00	32 50	27.521 N	104 33	9 865 W

Annotation

MD ft	TVD ft	
4646.00	4645.24	KOP @ 4646' MD W/ 2.38° Motor
5249.00	5022.54	End of Build Start of Turn @ 5249' MD 90° Inc
5668.00	5027.22	End of Turn @ 5668' MD 359.7° Azm
4600.00	4599.24	Gyro Tie-On @ 4600' MD



Danube "14" Fed Com #2H Section 14, T17-S, R 24-E, N.M.P.M. Eddy County, New Mexico Final PP 3-8-06

SITE DETAILS

Danube "14" Fed Com #2H
Sec 14, T17S, R24E, N M P M
Site Centre Northing 663550.00
Easting 433053.00
Ground Level 3733.00
Positional Uncertainty 0.00
Convergence -0.12

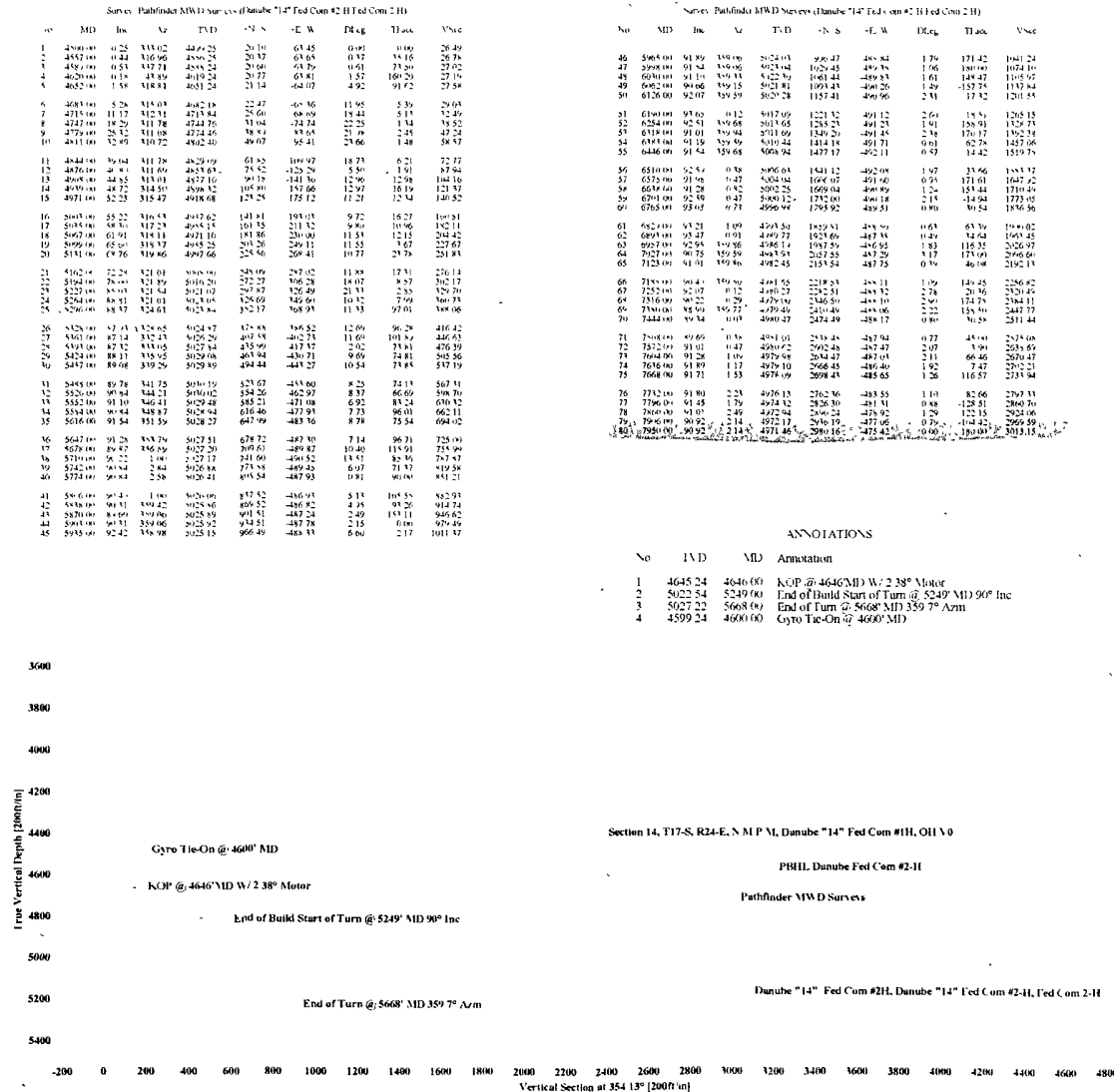
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Azimuths to Grid North
True North 0.12°
Magnetic North 8.82°
Magnetic Field
Strength 49443nT
Dip Angle 60.70°
Date 2/10/2006
Model igr2005

PATHFINDER

ENERGY SERVICES

LEGEND
Section 14, T17-S, R24-E, N M P M, Danube "14" Fed Com #1H, OH VU
Danube "14" Fed Com #2H, Danube "14" Fed Com #2-H, Fed Com 2-H
Pathfinder MWD Surveys



T
M

