

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

2. Name of Operator

EOG Resources Inc.

3a. Address

P.O. Box 2267 Midland, Texas 79702

3b. Phone No. (include area code)

432-686-3689

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2330' FNL & 350' FEL, U/L H

Sec 3, T18S, R22E

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

NM 100530 BHL

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

Niagara 3 Fee Com 2H

9. API Well No.

30-015-36168

10. Field and Pool, or Exploratory Area

Gopher (Wolfcamp)

11. County or Parish, State

Eddy NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ 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.)

09/28/08 TD at 8650'. MD.

09/29/08 Ran 201 jts 5-1/2", 17 #, N-80 casing set at 8641'.

Cemented w/ 630 sx 50/50 POZ C, 11.8 ppg, 2.9 yield; 745 sx 50/50 POZ C, 14.2 ppg, 1.30 yield.
Circulated cement to surface. Released rig.

10/03/08 MIRU for completion.

Perforate from 7820' to 8565', 0.42", 30 holes.

10/07/08 Frac w/ 71 bbls 15% HCL acid, 361 bbls 15 # Linear gel, 79000 lbs 100 mesh sand, 75000 lbs 30/70 sand, 30000 lbs 20/40 sand, 5795 bbls load water.

Perforated from 6880' - 7630', 0.42", 30 holes.

Frac w/ 72 bbls 15% HCL acid, 142 bbls Dilute acid, 487 bbls 15 # Linear gel, 83765 lbs 100 mesh sand, 76110 lbs 30/70 sand, 28314 lbs 20/40 sand, 5918 bbls load water.

10/08/08 Perforated from 5950' to 6695', 0.42", 30 holes.

Frac w/ 72 bbls 15% HCL acid, 142 bbls Dilute acid, 504 bbls 15 # Linear gel, 81867 lbs 100 mesh sand, 76599 lbs 30/70 sand, 31168 lbs 20/40 sand, 5652 bbls load water.

Perforated from 5000' to 5760', 0.42", 30 holes.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date **10/17/08**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

Office

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.

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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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.
2. Name of Operator EOG Resources Inc.		6. If Indian, Allottee or Tribe Name NM 100530 BHL
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) 2330' FNL & 350' FEL, U/L H Sec 3, T18S, R22E		8. Well Name and No. Niagara 3 Fee Com 2H
		9. API Well No. 30-015-36168
		10. Field and Pool, or Exploratory Area Gopher (Wolfcamp)
		11. County or Parish, State Eddy 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.)

10/08/08 Frac w/ 72 bbls 15% HCL acid, 202 bbls Dilute acid, 856 bbls 15 # Linear gel, 133484 lbs
100 mesh sand, 123955 lbs 30/70 sand, 47332 lbs 20/40 sand, 7674 bbls load water.

Flowback.

10/09/08 RIH w/ 2-3/8" production tubing set at 5379'.

Flowback.

10/13/08 Turned to sales.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date **10/17/08**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

Office

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Niagara 3 Fee Com #2H Gyro.txt

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Outrun Survey
 for
 EOG RESOURCES

Page 1

Well No.: NIAGARA 3 FEE COM #2H Date : 23-SEP-2008
 Job No. : 32K0908734 Proposal : 275.73

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	GRID Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00
100.00	100.00	0.04	0.39	358.83	0.34	-0.01	0.39
200.00	200.00	0.39	0.35	270.69	0.68	-0.32	0.52
300.00	300.00	0.87	0.22	298.56	0.78	-0.79	0.19
400.00	399.99	0.67	0.94	33.10	1.56	-0.51	0.98
500.00	499.98	-0.14	1.00	35.55	2.96	0.44	0.07
600.00	599.96	-1.22	0.98	54.78	4.16	1.65	0.33
700.00	699.95	-2.35	0.78	50.07	5.09	2.87	0.21
800.00	799.94	-3.24	0.79	42.95	6.03	3.86	0.10
900.00	899.93	-3.95	0.68	35.43	7.02	4.67	0.15
1000.00	999.93	-4.49	0.52	39.04	7.86	5.30	0.16
1100.00	1099.92	-4.89	0.43	29.09	8.54	5.77	0.12
1200.00	1199.92	-5.18	0.60	21.37	9.35	6.14	0.18
1300.00	1299.91	-5.39	0.43	15.59	10.20	6.44	0.18
1400.00	1399.91	-5.48	0.26	13.66	10.78	6.59	0.17
1500.00	1499.91	-5.58	0.29	22.29	11.24	6.74	0.05
1600.00	1599.91	-5.69	0.05	128.70	11.44	6.87	0.31
1700.00	1699.91	-5.61	0.73	196.91	10.81	6.72	0.71
1800.00	1799.90	-5.33	0.91	196.53	9.44	6.31	0.18
1900.00	1899.89	-5.12	0.80	191.43	7.99	5.94	0.13
2000.00	1999.88	-5.02	0.63	188.20	6.76	5.73	0.17
2100.00	2099.87	-4.98	0.52	187.91	5.77	5.59	0.11
2200.00	2199.87	-5.03	0.50	176.55	4.88	5.55	0.10
2300.00	2299.87	-5.08	0.30	192.09	4.19	5.52	0.23
2400.00	2399.87	-5.02	0.16	196.60	3.80	5.43	0.14
2500.00	2499.87	-4.89	0.14	244.49	3.62	5.28	0.12
2600.00	2599.86	-4.64	0.20	243.21	3.48	5.01	0.06
2700.00	2699.86	-4.18	0.36	272.43	3.42	4.54	0.21
2800.00	2799.86	-3.59	0.31	276.82	3.46	3.96	0.06
2900.00	2899.86	-3.05	0.31	276.00	3.52	3.42	0.00
3000.00	2999.86	-2.39	0.46	263.31	3.51	2.75	0.17
3100.00	3099.85	-1.45	0.63	274.62	3.50	1.81	0.20
3200.00	3199.85	-0.25	0.75	281.64	3.68	0.62	0.15
3300.00	3299.84	0.80	0.61	317.55	4.20	-0.38	0.44
3400.00	3399.83	1.23	0.71	2.50	5.22	-0.72	0.51
3500.00	3499.82	0.95	0.80	32.56	6.42	-0.31	0.40
3584.00	3583.81	-0.06	1.45	50.71	7.59	0.82	0.87

ii

0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00
100.00	100.00	0.04	0.39	358.83	0.34	-0.01	0.39
200.00	200.00	0.39	0.35	270.69	0.68	-0.32	0.52
300.00	300.00	0.87	0.22	298.56	0.78	-0.79	0.19
400.00	399.99	0.67	0.94	33.10	1.56	-0.51	0.98
500.00	499.98	-0.14	1.00	35.55	2.96	0.44	0.07
600.00	599.96	-1.22	0.98	54.78	4.16	1.65	0.33
700.00	699.95	-2.35	0.78	50.07	5.09	2.87	0.21
800.00	799.94	-3.24	0.79	42.95	6.03	3.86	0.10
900.00	899.93	-3.95	0.68	35.43	7.02	4.67	0.15
1000.00	999.93	-4.49	0.52	39.04	7.86	5.30	0.16
1100.00	1099.92	-4.89	0.43	29.09	8.54	5.77	0.12
1200.00	1199.92	-5.18	0.60	21.37	9.35	6.14	0.18
1300.00	1299.91	-5.39	0.43	15.59	10.20	6.44	0.18
1400.00	1399.91	-5.48	0.26	13.66	10.78	6.59	0.17
1500.00	1499.91	-5.58	0.29	22.29	11.24	6.74	0.05
1600.00	1599.91	-5.69	0.05	128.70	11.44	6.87	0.31
1700.00	1699.91	-5.61	0.73	196.91	10.81	6.72	0.71
1800.00	1799.90	-5.33	0.91	196.53	9.44	6.31	0.18
1900.00	1899.89	-5.12	0.80	191.43	7.99	5.94	0.13
2000.00	1999.88	-5.02	0.63	188.20	6.76	5.73	0.17
2100.00	2099.87	-4.98	0.52	187.91	5.77	5.59	0.11
2200.00	2199.87	-5.03	0.50	176.55	4.88	5.55	0.10
2300.00	2299.87	-5.08	0.30	192.09	4.19	5.52	0.23
2400.00	2399.87	-5.02	0.16	196.60	3.80	5.43	0.14
2500.00	2499.87	-4.89	0.14	244.49	3.62	5.28	0.12
2600.00	2599.86	-4.64	0.20	243.21	3.48	5.01	0.06
2700.00	2699.86	-4.18	0.36	272.43	3.42	4.54	0.21
2800.00	2799.86	-3.59	0.31	276.82	3.46	3.96	0.06
2900.00	2899.86	-3.05	0.31	276.00	3.52	3.42	0.00
3000.00	2999.86	-2.39	0.46	263.31	3.51	2.75	0.17
3100.00	3099.85	-1.45	0.63	274.62	3.50	1.81	0.20
3200.00	3199.85	-0.25	0.75	281.64	3.68	0.62	0.15
3300.00	3299.84	0.80	0.61	317.55	4.20	-0.38	0.44
3400.00	3399.83	1.23	0.71	2.50	5.22	-0.72	0.51
3500.00	3499.82	0.95	0.80	32.56	6.42	-0.31	0.40
3584.00	3583.81	-0.06	1.45	50.71	7.59	0.82	0.87

The Horizontal Displacement (in Feet) at
 Measured Depth 3584.00 is 7.64 in a Direction of 6.21 Degrees
 iii

EOG Resources, Inc.

Thames

Niagara 3 Fee Com #2H

Niagara 3 Fee Com #2H

OH

Survey: MWD #1

End of Well Report

29 September, 2008

End of Well Report

Company: EOG Resources, Inc.
Project: Thames
Site: Niagara 3 Fee Com #2H
Well: Niagara 3 Fee Com #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Niagara 3 Fee Com #2H
TVD Reference: WELL @ 3956.01ft (Original Well Elev)
MD Reference: WELL @ 3956.01ft (Original Well Elev)
North Reference: Gnd
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single user database

Project: Thames

Map System: US State Plane 1927 (Exact solution)
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: New Mexico East 3001

System Datum: Mean Sea Level

Site: Niagara 3 Fee Com #2H

Site Position:		Northing:	646,870.200 ft	Latitude:	32° 46' 40.373 N
From:	Map	Easting:	396,080.400 ft	Longitude:	104° 40' 17.214 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0.18 °

Well: Niagara 3 Fee Com #2H

Well Position	+N/-S	0.00 ft	Northing:	646,870.200 ft	Latitude:	32° 46' 40.373 N
	+E/-W	0.00 ft	Easting:	396,080.400 ft	Longitude:	104° 40' 17.214 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,937.01ft

Wellbore: OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	9/23/2008	8.44	60.58	49,116

Design: OH

Audit Notes:

Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	275.73

End of Well Report

Company: EOG Resources, Inc.
Project: Thames
Site: Niagara 3 Fee Com #2H
Well: Niagara 3 Fee Com #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Niagara 3 Fee Com #2H
TVD Reference: WELL @ 3956.01ft (Original Well Elev)
MD Reference: WELL @ 3956.01ft (Original Well Elev)
North Reference: Grd
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single user database

Survey Program		Date	9/29/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	3,584.00	GYRO (OH)	CB-GYRO-MS	Camera based gyro multishot	
3,783.00	8,650.00	MWD #1 (OH)	MWD	MWD - Standard	

Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
3,584.00	1.45	50.71	3,583.81	-372.20	7.59	0.83	-0.06	0.00	646,877.79	396,081.23	
Tie into Gyro @ 3584' MD											
3,783.00	0.53	53.51	3,782.78	-173.23	9.73	3.51	-2.52	0.46	646,879.93	396,083.91	
3,925.00	3.34	338.90	3,924.69	-31.32	13.98	2.55	-1.14	2.28	646,884.18	396,082.95	
3,956.00	5.98	330.82	3,955.59	-0.42	16.24	1.44	0.19	8.75	646,886.44	396,081.84	
3,987.00	8.53	328.81	3,986.34	30.33	19.61	-0.54	2.49	8.27	646,889.81	396,079.86	
4,018.00	10.99	326.26	4,016.89	60.88	24.04	-3.37	5.75	8.06	646,894.24	396,077.03	
4,049.00	13.63	320.92	4,047.17	91.16	29.33	-7.32	10.21	9.27	646,899.53	396,073.08	
4,080.00	16.62	315.52	4,077.10	121.09	35.33	-12.73	16.19	10.65	646,905.53	396,067.67	
4,110.00	19.96	312.77	4,105.58	149.57	41.87	-19.49	23.58	11.50	646,912.07	396,060.91	
4,141.00	23.21	313.26	4,134.40	178.39	49.65	-27.83	32.65	10.50	646,919.85	396,052.57	
4,172.00	26.47	313.82	4,162.53	206.52	58.63	-37.26	42.93	10.54	646,928.83	396,043.14	
4,203.00	29.37	313.40	4,189.92	233.91	68.63	-47.77	54.39	9.38	646,938.83	396,032.63	
4,234.00	31.92	311.84	4,216.59	260.58	79.33	-59.41	67.03	8.62	646,949.53	396,020.99	
4,265.00	34.38	310.08	4,242.54	286.53	90.43	-72.21	80.88	8.52	646,960.63	396,008.19	
4,296.00	36.84	309.53	4,267.74	311.73	101.98	-86.08	95.83	8.00	646,972.18	395,994.32	
4,327.00	39.39	310.03	4,292.13	336.12	114.23	-100.78	111.68	8.29	646,984.43	395,979.62	
4,358.00	42.03	310.71	4,315.63	359.62	127.32	-116.18	128.31	8.64	646,997.52	395,964.22	
4,388.00	44.67	310.38	4,337.44	381.43	140.71	-131.83	145.22	8.83	647,010.91	395,948.57	
4,419.00	47.22	310.52	4,358.99	402.98	155.16	-148.78	163.53	8.23	647,025.36	395,931.62	
4,450.00	49.86	310.44	4,379.52	423.51	170.24	-166.45	182.62	8.52	647,040.44	395,913.95	

End of Well Report

Company: EOG Resources, Inc.
Project: Thames
Site: Niagara 3 Fee Com #2H
Well: Niagara 3 Fee Com #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Niagara 3 Fee Com #2H
TVD Reference: WELL @ 3956.01ft (Original Well Elev)
MD Reference: WELL @ 3956.01ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single user database

Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
4,481.00	51.97	310.17	4,399.06	443.05	185.81	-184.80	202.43	6.84	647,056.01	395,895.60
4,512.00	53.82	310.72	4,417.76	461.75	201.84	-203.61	222.75	6.13	647,072.04	395,876.79
4,543.00	56.01	310.31	4,435.58	479.57	218.32	-222.90	243.58	7.15	647,088.52	395,857.50
4,574.00	57.95	310.58	4,452.47	496.46	235.18	-242.68	264.95	6.30	647,105.38	395,837.72
4,605.00	61.03	309.85	4,468.21	512.20	252.42	-263.07	286.96	10.14	647,122.62	395,817.33
4,635.00	64.81	309.35	4,481.86	525.85	269.45	-283.65	309.14	12.69	647,139.65	395,796.75
4,667.00	68.50	309.84	4,494.54	538.53	288.17	-306.29	333.53	11.62	647,158.37	395,774.11
4,697.00	71.84	311.44	4,504.72	548.71	306.55	-327.69	356.66	12.21	647,176.75	395,752.71
4,728.00	74.57	312.14	4,513.67	557.66	326.33	-349.82	380.65	9.07	647,196.53	395,730.58
4,759.00	77.03	312.44	4,521.28	565.27	346.55	-372.05	404.79	7.99	647,216.75	395,708.35
4,790.00	79.23	312.14	4,527.65	571.64	366.96	-394.49	429.15	7.16	647,237.16	395,685.91
4,821.00	81.07	309.10	4,532.96	576.95	386.84	-417.67	454.20	11.34	647,257.04	395,662.73
4,852.00	82.83	306.43	4,537.30	581.29	405.63	-441.93	480.22	10.24	647,275.83	395,638.47
4,883.00	84.94	303.61	4,540.60	584.59	423.32	-467.17	507.10	11.32	647,293.52	395,613.23
4,914.00	87.23	300.63	4,542.72	586.71	439.76	-493.36	534.80	12.11	647,309.96	395,587.04
4,945.00	88.72	297.81	4,543.81	587.80	454.88	-520.40	563.21	10.28	647,325.08	395,560.00
4,976.00	89.25	294.50	4,544.36	588.35	468.54	-548.21	592.25	10.81	647,338.74	395,532.19
5,006.00	89.60	290.94	4,544.66	588.65	480.12	-575.88	620.94	11.92	647,350.32	395,504.52
5,037.00	88.90	287.38	4,545.07	589.06	490.30	-605.15	651.08	11.70	647,360.50	395,475.25
5,068.00	87.58	284.04	4,546.02	590.01	498.68	-634.98	681.59	11.58	647,368.88	395,445.42
5,099.00	86.53	280.74	4,547.62	591.61	505.33	-665.21	712.34	11.16	647,375.53	395,415.19
5,192.00	86.79	274.82	4,553.04	597.03	517.89	-757.16	805.08	6.36	647,388.09	395,323.24
5,284.00	87.05	274.48	4,557.98	601.97	525.34	-848.72	896.93	0.46	647,395.54	395,231.68
5,377.00	88.99	273.77	4,561.20	605.19	532.02	-941.42	989.83	2.22	647,402.22	395,138.98
5,471.00	91.63	274.27	4,560.69	604.68	538.61	-1,035.18	1,083.78	2.86	647,408.81	395,045.22
5,564.00	91.80	273.73	4,557.90	601.89	545.09	-1,127.91	1,176.70	0.61	647,415.29	394,952.49
5,657.00	88.64	271.89	4,557.55	601.54	549.65	-1,220.78	1,269.56	3.93	647,419.85	394,859.62

End of Well Report

Company: EOG Resources, Inc.
Project: Thames
Site: Niagara 3 Fee Com #2H
Well: Niagara 3 Fee Com #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Niagara 3 Fee Com #2H
TVD Reference: WELL @ 3956.01ft (Original Well Elev)
MD Reference: WELL @ 3956.01ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single user database

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
5,750.00	89.08	271.75	4,559.40	603.39	552.61	-1,313.72	1,362.33	0.50	647,422.81	394,766.68
5,842.00	88.90	272.51	4,561.02	605.01	556.02	-1,405.64	1,454.13	0.85	647,426.22	394,674.76
5,937.00	89.43	272.70	4,562.40	606.39	560.34	-1,500.53	1,548.98	0.59	647,430.54	394,579.87
6,030.00	89.96	271.60	4,562.90	606.89	563.83	-1,593.46	1,641.79	1.31	647,434.03	394,486.94
6,123.00	89.96	272.33	4,562.96	606.95	567.02	-1,686.41	1,734.59	0.78	647,437.22	394,393.99
6,218.00	91.80	271.73	4,561.50	605.49	570.38	-1,781.33	1,829.38	2.04	647,440.58	394,299.07
6,312.00	91.45	272.30	4,558.84	602.83	573.69	-1,875.23	1,923.14	0.71	647,443.89	394,205.17
6,405.00	90.92	272.96	4,556.91	600.90	577.95	-1,968.12	2,015.99	0.91	647,448.15	394,112.28
6,499.00	91.63	272.84	4,554.82	598.81	582.71	-2,061.97	2,109.85	0.77	647,452.91	394,018.43
6,593.00	92.59	271.74	4,551.36	595.35	586.46	-2,155.83	2,203.61	1.55	647,456.66	393,924.57
6,687.00	91.01	270.55	4,548.41	592.40	588.34	-2,249.76	2,297.26	2.10	647,458.54	393,830.64
6,781.00	89.96	270.06	4,547.61	591.60	588.84	-2,343.75	2,390.83	1.23	647,459.04	393,736.65
6,874.00	89.43	270.36	4,548.11	592.10	589.18	-2,436.75	2,483.40	0.65	647,459.38	393,643.65
6,968.00	91.54	270.15	4,547.31	591.30	589.60	-2,530.74	2,576.96	2.26	647,459.80	393,549.66
7,062.00	91.54	270.26	4,544.79	588.78	589.94	-2,624.71	2,670.49	0.12	647,460.14	393,455.69
7,156.00	90.75	270.85	4,542.91	586.90	590.85	-2,718.68	2,764.09	1.05	647,461.05	393,361.72
7,249.00	92.42	271.65	4,540.34	584.33	592.87	-2,811.62	2,856.77	1.99	647,463.07	393,268.78
7,343.00	89.87	270.20	4,538.46	582.45	594.39	-2,905.58	2,950.41	3.12	647,464.59	393,174.82
7,436.00	89.34	270.28	4,539.10	583.09	594.78	-2,998.58	3,042.98	0.58	647,464.98	393,081.82
7,530.00	89.87	269.62	4,539.75	583.74	594.70	-3,092.57	3,136.50	0.90	647,464.90	392,987.83
7,623.00	91.89	269.34	4,538.32	582.31	593.85	-3,185.55	3,228.93	2.19	647,464.05	392,894.85
7,718.00	93.30	270.17	4,534.02	578.01	593.45	-3,280.45	3,323.31	1.72	647,463.65	392,799.95
7,811.00	93.56	270.86	4,528.45	572.44	594.28	-3,373.28	3,415.76	0.79	647,464.48	392,707.12
7,903.00	91.45	271.13	4,524.43	568.42	595.88	-3,465.17	3,507.35	2.31	647,466.08	392,615.23
7,997.00	91.28	272.02	4,522.19	566.18	598.46	-3,559.11	3,601.08	0.96	647,468.66	392,521.29
8,088.00	91.19	271.36	4,520.23	564.22	601.14	-3,650.05	3,691.83	0.73	647,471.34	392,430.35
8,182.00	90.48	271.58	4,518.86	562.85	603.56	-3,744.01	3,785.56	0.79	647,473.76	392,336.39

End of Well Report

Company: EOG Resources, Inc.
 Project: Thames
 Site: Niagara 3 Fee Com #2H
 Well: Niagara 3 Fee Com #2H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well Niagara 3 Fee Com #2H
 TVD Reference: WELL @ 3956.01ft (Original Well Elev)
 MD Reference: WELL @ 3956.01ft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003 16 Single user database

Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
8,275.00	90.40	272.31	4,518.15	562.14	606.71	-3,836.95	3,878.35	0.79	647,476.91	392,243.45
8,368.00	91.98	273.92	4,516.22	560.21	611.76	-3,929.79	3,971.23	2.43	647,481.96	392,150.61
8,460.00	91.71	273.39	4,513.25	557.24	617.63	-4,021.55	4,063.12	0.65	647,487.83	392,058.85
8,577.00	91.01	273.18	4,510.48	554.47	624.33	-4,138.33	4,179.98	0.62	647,494.53	391,942.07
8,650.00	91.01	273.18	4,509.19	553.18	628.38	-4,211.20	4,252.90	0.00	647,498.58	391,869.20

Projection to Bit @ 8650' MD

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PP(Niagara #2H) - survey misses by 107.35ft at 4795.97ft MD (4528.75 TVD, 370.87 N, -398.86 E) - Point	0.00	360.00	4,550.00	448.30	-327.60	647,318.500	395,752.800	32° 46' 44.799 N	104° 40' 21.068 W
BHL (Niagara#2H) - survey misses by 207.71ft at 8650.00ft MD (4509.19 TVD, 628.38 N, -4211.20 E) - Point	0.00	360.00	4,482.00	427.00	-4,254.21	647,297.200	391,826.190	32° 46' 44.461 N	104° 41' 7.060 W
Enter 660' Offset - survey misses by 8.27ft at 4757.48ft MD (4520.93 TVD, 345.55 N, -370.95 E) - Point	0.00	0.00	4,528.68	345.80	-368.07	647,216.000	395,712.330	32° 46' 43.783 N	104° 40' 21.538 W

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
3,584.00	3,583.81	7.59	0.83	Tie into Gyro @ 3584' MD
8,650.00	4,509.19	628.38	-4,211.20	Projection to Bit @ 8650' MD

Checked By: _____ Approved By: _____ Date: _____