

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

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.

OCD-HOBBS

HOBBS OCD

JUN 27 2011

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SUBMIT IN TRIPLICATE - Other instructions on page 2

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)

330' FSL & 430' FEL, U/L P (SHL)

330' FNL & 660' FEL, U/L A (BHL)

Sec 8, T25S, R34E

5. Lease Serial No

NM19625 (SHL); NM14497 (BHL)

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Diamond 8 Fed Com 2H

9. API Well No.

30-025-39578

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

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

Completion

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 recompletable 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 recompletable 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.)

4/21/11 MIRU to prep well for frac.

4/25/11 Begin 13 stage frac.

4/29/11 Finish 13 stage frac. Perforations from 9813 to 13689', 0.40", 511 holes.

Frac w/ 1905 bbls 15% HCl acid, 20905 bbls Linear gel, 4476 bbls XL gel, 1309160 lbs 100 mesh sand, 1992280 lbs 40/70 sand, 64536 bbls load.

5/03/11 RIH to drill out frac plugs and clean out well.

5/06/11 Finish cleaning out.

5/07/11 RIH w/ 2-7/8" tubing, packer, & gas lift assembly set @ 9139'.

Turned to sales.

TOC? To be determined by CBC
Provide TOC.

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

Stan Wagner

Title Regulatory Analyst

Signature

Date 05/18/2011

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

BUREAU OF LAND MANAGEMENT

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.

JUN 27 2011

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No NM 19625 (SHL); NM 14497 (BHL)							
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. Diamond 8 Fed Com 2H							
3a. Phone No. (include area code) 432-686-3689		9. API Well No. 30-025-39578							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FSL & 430' FEL, U/L P At top prod. interval reported below At total depth 381' FNL & 707' FEL, U/L A		10. Field and Pool, or Exploratory Red Hills; Bone Spring							
14. Date Spudded 2/11/11		11. Sec., T., R., M., or Block and Survey or Area Sec 8, T25S, R34E							
15. Date T.D. Reached 2/28/11		12. County or Parish Lea							
16. Date Completed ☐ D & A ☒ Ready to Prod. 5/7/11		13 State NM							
17. Elevations (DF, RKB, RT, GL)* 3343' GL									
18. Total Depth: MD 13900 TVD 9431		19. Plug Back T.D.: MD 13696 TVD _____							
20. Depth Bridge Plug Set: MD TVD _____		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR							
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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
14-3/4	11-3/4	42		1046		550 C		surface	
11	8-5/8	32		5218		1200 C		surface	
7-7/8	5-1/2	20		13895		550 C, 850 H		surface	?
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	9139	9139							
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Bone Spring	9290		9813 - 13689'	0.40	511	Producing			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
9813 - 13689'	Frac w/ 1905 bbls 15% HCl acid, 20905 bbls Linear gel, 4476 bbls XL gel, 1309160 lbs 100 mesh sand, 1992280 lbs 40/70 sand, 64536 bbls load.								
28. Production - Interval A									
Date First Produced 5/7/11	Test Date 5/19/11	Hours Tested 24	Test Production →	Oil BBL 567	Gas MCF 487	Water BBL 774	Oil Gravity Corr API 42.0	Gas Gravity	Production Method Gas Lift
Choke Size Open	Tbg. Press Flwg. 430	Csg. Press 1000	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio 858	Well Status POW	
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 SI	Csg. Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

ACCEPTED FOR RECORD

JUN 21 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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. →	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. →	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	1030			Rustler	1030
Base Salt		5087		Lamar	5320
Lamar	5320			Bell Canyon	5350
Bell Canyon	5350			Cherry Canyon	6292
Cherry Cyn	6292			Bone Spring	9290
Bone Spring	9290				

Bureau of Land Management
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JUN 02 2011

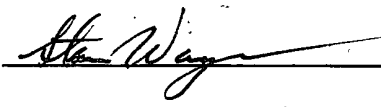
Carlsbad Field Office
Carlsbad, N.M.

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 5/27/2011

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Diamond 8 Fed Com #2H Frac Summary

Stage	Cluster MD	Distance Between Clusters	# Perfs	15% HCl gals	Clean Mgals	SW Mgals	Gel Mgals	Slurry Mgals	Mlbs Prop	Mlbs 100 Mesh	Mlbs 40/70
1	13,689		18	5040	219	113	86	214	255	97	158
	13,587	102	13								
	13,485	102	12								
2	13,383	102	14	6300	214	103	91	210	267	88	179
	13,285	98	13								
	13,179	106	12								
3	13,077	102	14	6300	221	103	105	219	240	96	144
	12,975	102	13								
	12,873	102	12								
4	12,771	102	14	6300	204	105	85	202	238	96	142
	12,669	102	13								
	12,567	102	12								
5	12,465	102	14	6300	221	203	0	214	256	256	0
	12,363	102	13								
	12,261	102	12								
6	12,159	102	14	6300	221	126	82	219	261	95	166
	12,057	102	13								
	11,955	102	12								
7	11,853	102	14	6300	216	184	0	212	258	258	0
	11,751	102	13								
	11,649	102	12								
8	11,547	102	14	6300	195	73	108	192	249	48	201
	11,445	102	13								
	11,343	102	12								
9	11,241	102	14	6300	181	69	100	180	253	48	205
	11,139	102	13								
	11,037	102	12								
10	10,935	102	14	6300	189	71	104	186	250	47	203
	10,833	102	13								
	10,731	102	12								
11	10,629	102	14	6132	187	73	101	185	242	48	194
	10,527	102	13								
	10,425	102	12								
12	10,323	102	14	6300	182	69	99	179	226	61	165
	10,221	102	13								
	10,119	102	12								
13	10,017	102	14	6300	201	81	105	201	297	62	235
	9,915	102	13								
	9,813	102	12								

511

TVD

9550

Totals:

Water 2651 Mgals

SW 1373 Mgals

Gel 1066 Mgals

15% HCl 80.472 Mgals

100 mesh 1309160#

40/70 1992280#

Total 3301440#



EOG Resources, Inc.

Lea County

Diamond "8" Fed Com

#2H

OH

Survey: MWD #1

Pathfinder X & Y Survey Report

01 March, 2011

PATHFINDER
A Schlumberger Company

Company: EOG Resources, Inc.
Project: Lea County
Site: Diamond #8" Fed Com
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
Well #2H:
RKB-30' @ 3373.70usft (Cactus #123)
RKB-30' @ 3373.70usft (Cactus #123)
Grid:
Minimum Curvature
EDM 5000.1 Single User Db

Project: Lea County

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: Diamond #8" Fed Com

Site Position:		Northing:	415,538.700 usft	Latitude:	32° 8' 22.525 N
From:	Map	Easting:	762,548.900 usft	Longitude:	103° 29' 6.406 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °

Well: #2H

Well Position	+N/-S	0.00 usft	Northing:	415,159.100 usft	Latitude:	32° 8' 18.751 N
	+E/-W	0.00 usft	Easting:	762,782.000 usft	Longitude:	103° 29' 3.730 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,343.70 usft

Wellbore: OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/15/09	7.73	60 18	48,772

Design: OH

Audit Notes:

Version: 1.0 Phase: ACTUAL Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	356.67

Survey Program: Date: 03/01/11

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
165.00	13,900.00	MWD #1 (OH)	MWD	MWD - Standard



Pathfinder
Pathfinder X & Y Survey Report

PATHFINDER
A Schlumberger Company

Company: EOG Resources, Inc.
Project: Lea County
Site: Diamond "8". Fed.Com
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
Well #2H
RKB-30' @ 3373.70usft (Cactus #123)
RKB-30' @ 3373.70usft (Cactus #123)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	3,373.70	0.00	0.00	0.00	0.00	415,159.10	762,782.00
165.00	0.40	358.73	165.00	3,208.70	0.58	-0.01	0.58	0.24	415,159.68	762,781.99
365.00	0.50	278.13	364.99	3,008.71	1.40	-0.89	1.45	0.29	415,160.50	762,781.11
549.00	0.50	182.43	548.99	2,824.71	0.71	-1.72	0.81	0.40	415,159.81	762,780.28
733.00	0.60	193.43	732.98	2,640.72	-1.03	-1.98	-0.91	0.08	415,158.07	762,780.02
919.00	0.40	211.41	918.97	2,454.73	-2.53	-2.54	-2.38	0.14	415,156.57	762,779.46
990.00	0.50	201.43	989.97	2,383.73	-3.03	-2.79	-2.86	0.18	415,156.07	762,779.21
1,149.00	0.53	129.74	1,148.97	2,224.73	-4.15	-2.47	-4.00	0.38	415,154.95	762,779.53
1,334.00	0.79	127.45	1,333.95	2,039.75	-5.47	-0.80	-5.41	0.14	415,153.63	762,781.20
1,426.00	0.70	120.60	1,425.95	1,947.75	-6.14	0.18	-6.14	0.14	415,152.96	762,782.18
1,518.00	0.79	112.07	1,517.94	1,855.76	-6.67	1.26	-6.73	0.15	415,152.43	762,783.26
1,610.00	0.97	104.86	1,609.93	1,763.77	-7.10	2.60	-7.24	0.23	415,152.00	762,784.60
1,702.00	1.14	93.70	1,701.91	1,671.79	-7.36	4.26	-7.60	0.29	415,151.74	762,786.26
1,794.00	1.14	96.78	1,793.89	1,579.81	-7.53	6.08	-7.87	0.07	415,151.57	762,788.08
1,983.00	1.49	105.22	1,982.84	1,390.86	-8.40	10.32	-8.98	0.21	415,150.70	762,792.32
2,173.00	1.93	78.32	2,172.76	1,200.94	-8.40	15.84	-9.30	0.48	415,150.70	762,797.84
2,363.00	0.97	325.56	2,362.72	1,010.98	-6.42	18.06	-7.46	1.30	415,152.68	762,800.06
2,552.00	1.58	327.49	2,551.68	822.02	-2.91	15.76	-3.82	0.32	415,156.19	762,797.76
2,741.00	0.09	125.69	2,740.65	633.05	-0.80	14.48	-1.64	0.88	415,158.30	762,796.48
2,931.00	1.14	87.02	2,930.64	443.06	-0.78	16.49	-1.74	0.56	415,158.32	762,798.49
3,119.00	0.88	56.26	3,118.61	255.09	0.11	19.55	-1.02	0.31	415,159.21	762,801.55
3,308.00	2.29	59.42	3,307.54	66.16	2.84	24.01	1.44	0.75	415,161.94	762,806.01
3,497.00	0.44	11.70	3,496.48	-122.78	5.47	27.41	3.87	1.07	415,164.57	762,809.41
3,686.00	1.06	53.45	3,685.46	-311.76	7.22	28.96	5.53	0.42	415,166.32	762,810.96
3,875.00	0.70	209.28	3,874.45	-500.75	7.26	29.80	5.52	0.91	415,166.36	762,811.80
4,065.00	1.14	41.93	4,064.44	-690.74	7.65	30.50	5.87	0.96	415,166.75	762,812.50
4,253.00	0.70	319.85	4,252.42	-878.72	9.92	31.01	8.10	0.67	415,169.02	762,813.01

Company: EOG Resources, Inc.
Project: Lea County
Site: Diamond "8" Fed Com
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: RKB-30' @ 3373.70usft (Cactus #123)
MD Reference: RKB-30' @ 3373.70usft (Cactus #123)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
4,443.00	1.14	3.44	4,442.40	-1,068.70	12.70	30.37	10.91	0.42	415,171.80	762,812.37	
4,632.00	2.46	76.48	4,631.32	-1,257.62	15.52	34.43	13.50	1.26	415,174.62	762,816.43	
4,820.00	1.23	76.39	4,819.22	-1,445.52	16.94	40.31	14.57	0.65	415,176.04	762,822.31	
5,010.00	0.88	209.81	5,009.21	-1,635.51	16.15	41.57	13.71	1.02	415,175.25	762,823.57	
5,168.00	1.58	172.19	5,167.17	-1,793.47	12.94	41.26	10.52	0.65	415,172.04	762,823.26	
5,297.00	1.41	174.91	5,296.13	-1,922.43	9.60	41.65	7.16	0.14	415,168.70	762,823.65	
5,487.00	0.35	308.24	5,486.11	-2,112.41	7.63	41.40	5.21	0.88	415,166.73	762,823.40	
5,676.00	0.53	301.65	5,675.11	-2,301.41	8.45	40.20	6.10	0.10	415,167.55	762,822.20	
5,865.00	0.44	303.58	5,864.10	-2,490.40	9.31	38.85	7.03	0.05	415,168.41	762,820.85	
6,054.00	0.70	306.13	6,053.09	-2,679.39	10.39	37.31	8.20	0.14	415,169.49	762,819.31	
6,243.00	0.62	328.19	6,242.08	-2,868.38	11.94	35.84	9.84	0.14	415,171.04	762,817.84	
6,432.00	0.35	320.99	6,431.07	-3,057.37	13.26	34.94	11.20	0.15	415,172.36	762,816.94	
6,621.00	0.53	346.48	6,620.06	-3,246.36	14.55	34.37	12.53	0.14	415,173.65	762,816.37	
6,811.00	0.44	337.51	6,810.06	-3,436.36	16.08	33.89	14.09	0.06	415,175.18	762,815.89	
7,000.00	0.35	320.90	6,999.05	-3,625.35	17.20	33.25	15.24	0.08	415,176.30	762,815.25	
7,191.00	0.26	2.82	7,190.05	-3,816.35	18.09	32.90	16.15	0.12	415,177.19	762,814.90	
7,381.00	0.00	159.97	7,380.05	-4,006.35	18.52	32.92	16.57	0.14	415,177.62	762,814.92	
7,571.00	0.35	175.79	7,570.05	-4,196.35	17.94	32.96	15.99	0.18	415,177.04	762,814.96	
7,760.00	0.53	198.47	7,759.04	-4,385.34	16.53	32.73	14.60	0.13	415,175.63	762,814.73	
7,949.00	0.53	237.49	7,948.04	-4,574.34	15.23	31.71	13.37	0.19	415,174.33	762,813.71	
8,138.00	0.35	199.70	8,137.03	-4,763.33	14.22	30.78	12.41	0.18	415,173.32	762,812.78	
8,327.00	0.62	196.53	8,326.02	-4,952.32	12.70	30.30	10.92	0.14	415,171.80	762,812.30	
8,517.00	0.62	208.58	8,516.01	-5,142.31	10.81	29.51	9.08	0.07	415,169.91	762,811.51	
8,706.00	0.44	191.44	8,705.00	-5,331.30	9.20	28.88	7.51	0.13	415,168.30	762,810.88	
8,894.00	0.35	206.20	8,893.00	-5,519.30	7.98	28.48	6.31	0.07	415,167.08	762,810.48	
8,971.00	0.35	223.16	8,970.00	-5,596.30	7.59	28.22	5.94	0.13	415,166.69	762,810.22	
9,002.00	0.53	242.15	9,001.00	-5,627.30	7.46	28.03	5.82	0.74	415,166.56	762,810.03	



Pathfinder
Pathfinder X & Y Survey Report

PATHFINDER
A Schlumberger Company

Company: EOG Resources, Inc.
Project: Lea County
Site: Diamond "B" Fed Com
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: RKB-30' @ 3373.70usft (Cactus #123)
MD Reference: RKB-30' @ 3373.70usft (Cactus #123)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,033.00	1.76	333.73	9,031.99	-5,658.29	7.82	27.69	6.20	5.97	415,166.92	762,809.69
9,064.00	4.92	346.65	9,062.94	-5,689.24	9.54	27.17	7.95	10.41	415,168.64	762,809.17
9,096.00	8.62	351.49	9,094.71	-5,721.01	13.25	26.50	11.69	11.69	415,172.35	762,808.50
9,127.00	12.84	353.24	9,125.16	-5,751.46	18.97	25.75	17.44	13.65	415,178.07	762,807.75
9,159.00	16.88	354.21	9,156.08	-5,782.38	27.12	24.86	25.63	12.65	415,186.22	762,806.86
9,191.00	20.40	353.95	9,186.40	-5,812.70	37.30	23.81	35.85	11.00	415,196.40	762,805.81
9,228.00	24.45	354.39	9,220.59	-5,846.89	51.34	22.38	49.95	10.96	415,210.44	762,804.38
9,259.00	26.73	354.91	9,248.55	-5,874.85	64.67	21.13	63.33	7.39	415,223.77	762,803.13
9,291.00	29.19	355.97	9,276.81	-5,903.11	79.62	19.94	78.33	7.84	415,238.72	762,801.94
9,322.00	31.74	356.49	9,303.53	-5,929.83	95.30	18.91	94.04	8.27	415,254.40	762,800.91
9,354.00	34.73	356.76	9,330.29	-5,956.59	112.81	17.88	111.58	9.36	415,271.91	762,799.88
9,386.00	38.08	356.17	9,356.05	-5,982.35	131.76	16.71	130.57	10.53	415,290.86	762,798.71
9,417.00	41.68	356.48	9,379.83	-6,006.13	151.59	15.44	150.44	11.63	415,310.69	762,797.44
9,449.00	44.85	357.00	9,403.13	-6,029.43	173.49	14.19	172.37	9.97	415,332.59	762,796.19
9,481.00	48.10	356.87	9,425.16	-6,051.46	196.65	12.95	195.57	10.16	415,355.75	762,794.95
9,512.00	51.53	357.10	9,445.16	-6,071.46	220.30	11.71	219.25	11.08	415,379.40	762,793.71
9,543.00	55.05	358.03	9,463.69	-6,089.99	245.13	10.66	244.09	11.61	415,404.23	762,792.66
9,575.00	58.12	358.32	9,481.31	-6,107.61	271.82	9.81	270.79	9.62	415,430.92	762,791.81
9,607.00	62.08	358.38	9,497.26	-6,123.56	299.54	9.01	298.51	12.38	415,458.64	762,791.01
9,638.00	65.95	358.00	9,510.84	-6,137.14	327.39	8.13	326.36	12.53	415,486.49	762,790.13
9,669.00	70.08	357.77	9,522.44	-6,148.74	356.11	7.07	355.10	13.34	415,515.21	762,789.07
9,701.00	73.95	357.73	9,532.32	-6,158.62	386.52	5.87	385.52	12.09	415,545.62	762,787.87
9,732.00	78.08	358.00	9,539.81	-6,166.11	416.57	4.75	415.59	13.35	415,575.67	762,786.75
9,764.00	82.04	358.07	9,545.34	-6,171.64	448.07	3.67	447.10	12.38	415,607.17	762,785.67
9,803.00	87.32	0.01	9,548.95	-6,175.25	486.88	3.02	485.88	14.42	415,645.98	762,785.02
9,960.00	88.11	356.49	9,555.21	-6,181.51	643.65	-1.77	642.67	2.30	415,802.75	762,780.23
10,149.00	90.48	355.18	9,557.54	-6,183.84	832.12	-15.49	831.62	1.43	415,991.22	762,766.51

Company: EOG Resources, Inc.
Project: Lea County
Site: Diamond "8" Fed Com
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
Well #2H
RKB-30' @ 3373.70usft (Cactus #123)
RKB-30' @ 3373.70usft (Cactus #123)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
10,338.00	90.66	353.16	9,555.66	-6,181.96	1,020.12	-34.69	1,020.42	1.07	416,179.22	762,747.31	
10,527.00	90.31	353.86	9,554.06	-6,180.36	1,207.91	-56.05	1,209.12	0.41	416,367.01	762,725.95	
10,621.00	89.25	352.80	9,554.42	-6,180.72	1,301.27	-66.97	1,302.96	1.59	416,460.37	762,715.03	
10,715.00	89.78	354.52	9,555.21	-6,181.51	1,394.68	-77.35	1,396.82	1.91	416,553.78	762,704.65	
10,811.00	89.60	356.72	9,555.73	-6,182.03	1,490.40	-84.68	1,492.80	2.30	416,649.50	762,697.32	
10,907.00	90.04	357.08	9,556.04	-6,182.34	1,586.25	-89.87	1,588.80	0.59	416,745.35	762,692.13	
11,003.00	90.48	357.09	9,555.60	-6,181.90	1,682.13	-94.75	1,684.79	0.46	416,841.23	762,687.25	
11,098.00	91.71	356.65	9,553.78	-6,180.08	1,776.97	-99.94	1,779.77	1.38	416,936.07	762,682.06	
11,194.00	92.86	356.82	9,549.96	-6,176.26	1,872.73	-105.40	1,875.69	1.21	417,031.83	762,676.60	
11,290.00	93.56	357.38	9,544.58	-6,170.88	1,968.46	-110.25	1,971.54	0.93	417,127.56	762,671.75	
11,385.00	92.24	357.12	9,539.77	-6,166.07	2,063.23	-114.80	2,066.41	1.42	417,222.33	762,667.20	
11,481.00	89.87	355.97	9,538.01	-6,164.31	2,159.03	-120.59	2,162.39	2.74	417,318.13	762,661.41	
11,577.00	89.78	355.49	9,538.30	-6,164.60	2,254.76	-127.74	2,258.37	0.51	417,413.86	762,654.26	
11,672.00	90.40	355.23	9,538.15	-6,164.45	2,349.45	-135.42	2,353.35	0.71	417,508.55	762,646.58	
11,768.00	89.08	354.42	9,538.59	-6,164.89	2,445.05	-144.08	2,449.29	1.61	417,604.15	762,637.92	
11,854.00	90.66	354.79	9,538.78	-6,165.08	2,530.67	-152.17	2,535.24	1.89	417,689.77	762,629.83	
11,960.00	92.42	355.23	9,535.93	-6,162.23	2,636.22	-161.38	2,641.15	1.71	417,795.32	762,620.62	
12,055.00	93.83	355.22	9,530.75	-6,157.05	2,730.75	-169.28	2,735.97	1.48	417,889.85	762,612.72	
12,150.00	93.83	355.73	9,524.41	-6,150.71	2,825.24	-176.76	2,830.74	0.54	417,984.34	762,605.24	
12,246.00	92.68	356.99	9,518.96	-6,145.26	2,920.89	-182.84	2,926.58	1.78	418,079.99	762,599.16	
12,342.00	93.39	357.29	9,513.88	-6,140.18	3,016.64	-187.62	3,022.44	0.80	418,175.74	762,594.38	
12,437.00	92.59	356.60	9,508.92	-6,135.22	3,111.37	-192.68	3,117.31	1.11	418,270.47	762,589.32	
12,532.00	93.12	356.16	9,504.19	-6,130.49	3,206.06	-198.67	3,212.19	0.72	418,365.16	762,583.33	
12,628.00	93.12	356.22	9,498.96	-6,125.26	3,301.71	-205.04	3,308.05	0.06	418,460.81	762,576.96	
12,723.00	93.30	356.14	9,493.64	-6,119.94	3,396.35	-211.36	3,402.89	0.21	418,555.45	762,570.64	
12,819.00	93.30	355.73	9,488.12	-6,114.42	3,491.95	-218.15	3,498.73	0.43	418,651.05	762,563.85	
12,915.00	92.59	356.49	9,483.18	-6,109.48	3,587.60	-224.66	3,594.59	1.08	418,746.70	762,557.34	

Company: EOG Resources, Inc.
 Project: Lea County
 Site: Diamond "8" Fed Com
 Well: #2H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well #2H
 RKB-30' @ 3373.70usft (Cactus #123)
 RKB-30' @ 3373.70usft (Cactus #123)
 Grid
 Minimum Curvature
 EDM 5000:1 Single User Db

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
13,011.00	93.74	356.90	9,477.88	-6,104.18	3,683.29	-230.18	3,690.44	1.27	418,842.39	762,551.82
13,105.00	92.33	357.42	9,472.91	-6,099.21	3,777.04	-234.83	3,784.31	1.60	418,936.14	762,547.17
13,201.00	93.56	356.57	9,467.98	-6,094.28	3,872.78	-239.86	3,880.18	1.56	419,031.88	762,542.14
13,297.00	91.89	357.23	9,463.41	-6,089.71	3,968.53	-245.04	3,976.06	1.87	419,127.63	762,536.96
13,393.00	92.77	357.13	9,459.51	-6,085.81	4,064.33	-249.76	4,071.98	0.92	419,223.43	762,532.24
13,488.00	93.47	356.55	9,454.34	-6,080.64	4,159.05	-254.99	4,166.84	0.96	419,318.15	762,527.01
13,584.00	91.71	357.00	9,450.00	-6,076.30	4,254.79	-260.39	4,262.73	1.89	419,413.89	762,521.61
13,680.00	92.51	356.97	9,446.47	-6,072.77	4,350.59	-265.43	4,358.67	0.83	419,509.69	762,516.57
13,776.00	93.56	356.98	9,441.38	-6,067.68	4,446.32	-270.49	4,454.53	1.09	419,605.42	762,511.51
13,850.00	94.70	356.93	9,436.05	-6,062.35	4,520.03	-274.41	4,528.33	1.54	419,679.13	762,507.59
13,900.00	94.70	356.93	9,431.96	-6,058.26	4,569.79	-277.08	4,578.17	0.00	419,728.89	762,504.92

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
13,900.00	9,431.96	4,569.79	-277.08	BHL-13900.00'MD,94.70°INC,356.93°AZI, 9431.96'TVD, 4578.17°VS, 4569.79'

Checked By: _____ Approved By: _____ Date: _____