

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBS
HOBBS OGDFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAR 27 2012

9. Lease Serial No.

NMML08503

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		RECEIVED		6. If Indian, Allottee or Tribe Name					
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other				7. Unit or CA Agreement Name and No.					
2. Name of Operator EOG Resources Inc.				8. Lease Name and Well No. Caballo 23 Federal 4H					
3. Address P.O. Box 2267 Midland, Texas 79702		3a. Phone No. (include area code) 432-686-3689		9. API Well No. 30-025-40053					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 50' FNL & 440' FEL, U/L A At top prod. interval reported below At total depth 4225' FNL & 421' FEL, U/L P				10. Field and Pool, or Exploratory Red Hills; Bone Spring					
				11. Sec., T., R., M., or Block and Survey or Area Sec 23, T25S, R33E					
14. Date Spudded 3/10/11		15. Date T.D. Reached 3/26/11		12. County or Parish Lea					
		16. Date Completed 11/17/11 ☐ D & A ☒ Ready to Prod.		13. State NM					
18. Total Depth: MD TVD 14080 9449		19. Plug Back T.D.: MD TVD 13991		17. Elevations (DF, RKB, RT, GL)* 3345' GL					
20. Depth Bridge Plug Set: MD TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) None				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		1153		600 C		surface	
11	8-5/8	32		4990		1200 C		surface	
7-7/8	5-1/2	20		14080		135 C-1300 H		4043' CBL	
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	8871								
25. Producing Intervals						26. Perforation Record			
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Bone Spring		9260		9804 - 13992		0.44	1328	Producing	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.						RECLAMATION DUE 5-17-12			
Depth Interval		Amount and Type of Material							
9804 - 13992		Frac w/ 6211 bbls 7.5% HCl acid, 1732260 lbs 100 mesh sand, 3261020 lbs 40/70 sand, 106248 bbls load.							
28. Production - Interval A						ACCEPTED FOR RECORD			
Date First Produced 11/17/11	Test Date 11/25/11	Hours Tested 24	Test Production →	Oil BBL 800	Gas MCF 1409	Water BBL 1435	Oil Gravity Corr. API 44.4	Gas Gravity	Production Method Flowing
Choke Size 38/64	Tbg. Press. Flwg. SI 0	Csg. Press. 740	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio 1761	Well Status PCW	MAR 24 2012
28a. Production - Interval B						BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE			
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	

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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	1090	4870		Rustler	1090
Base Salt				Delaware	5110
Delaware	5110			Cherry Canyon	6130
Cherry Cyn	6130			Bone Spring	9260
Bone Spring	9260				

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 11/28/11

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.

Stage Number	Cluster Top	Cluster Bottom
1	13,989	13,992
1	13,915	13,918
1	13,852	13,855
1	13,780	13,783
2	13,746	13,749
2	13,683	13,686
2	13,624	13,627
2	13,556	13,559
3	13,506	13,509
3	13,436	13,439
3	13,386	13,389
4	13,329	13,332
4	13,279	13,282
4	13,211	13,214
5	13,152	13,155
5	13,088	13,092
5	13,034	13,037
6	12,982	12,985
6	12,916	12,919
6	12,857	13,860
7	12,794	12,797
7	12,739	12,742
7	12,688	12,691
7	12,621	12,624
8	12,562	12,565
8	12,498	12,501
8	12,444	12,447
8	12,392	12,395
9	12,326	12,329
9	12,267	12,270
9	12,198	12,201
10	12,149	12,152
10	12,093	12,096
10	12,030	12,033
10	11,972	11,975
11	11,903	11,906
11	11,854	11,857
11	11,796	11,799
11	11,734	11,737
12	11,670	11,673
12	11,626	11,629
12	11,559	11,562
13	11,500	11,503
13	11,436	11,439
13	11,382	11,385
13	11,324	11,327
14	11,264	11,267
14	11,205	11,208
14	11,146	11,149
14	11,087	11,090
15	11,010	11,013
15	10,969	10,972
15	10,910	10,913
15	10,851	10,854
16	10,792	10,795
16	10,735	10,738
16	10,672	10,675
16	10,615	10,618
17	10,544	10,547
17	10,497	10,500
17	10,440	10,443
17	10,375	10,378
18	10,320	10,323
18	10,246	10,249
18	10,162	10,165
18	10,102	10,105
19	10,024	10,027
19	9,950	9,953
19	9,869	9,872
19	9,804	9,807

Stage Number	Acid type descr	Acid Volume	Acid Flush Volume	BBL Load	Fracture Flush Volume	Total BBLs	Total Load	100 Mesh	40/70	Total Numbers - All Prop
1	7 1/2 % HCL	48	0	48	501	3,411	3,459	3,000	0	3,000
2	7 1/2 % HCL	48	372	420	321	7,873	8,293	92,580	200,900	293,480
3	7 1/2 % HCL	41	311	351	317	5,037	5,388	96,160	148,140	244,300
4	7 1/2 % HCL	35	306	341	313	4,878	5,219	96,300	148,620	244,920
5	7 1/2 % HCL	35	316	351	309	4,907	5,258	96,080	146,480	242,560
6	7 1/2 % HCL	37	307	344	305	4,632	4,976	96,080	148,140	244,220
7	7 1/2 % HCL	35	296	331	300	5,666	5,997	96,180	199,980	296,160
8	7 1/2 % HCL	35	297	332	295	5,492	5,824	96,260	198,960	295,220
9	7 1/2 % HCL	25	283	308	290	4,600	4,908	98,040	146,860	244,900
10	7 1/2 % HCL	24	276	300	294	5,835	6,135	96,400	199,380	295,780
11	7 1/2 % HCL	50	266	316	281	5,851	6,167	96,120	196,440	292,560
12	7 1/2 % HCL	49	256	305	270	4,518	4,823	96,180	149,220	245,400
13	7 1/2 % HCL	48	344	392	271	5,262	5,654	96,040	196,380	292,420
14	7 1/2 % HCL	35	281	316	266	5,360	5,676	96,140	197,000	293,140
15	7 1/2 % HCL	119	493	612	261	5,118	5,730	96,080	194,420	290,500
16	7 1/2 % HCL	35	251	286	256	5,042	5,328	96,160	201,180	297,340
17	7 1/2 % HCL	35	251	286	250	5,452	5,738	96,120	197,700	293,820
18	7 1/2 % HCL	35	248	283	245	6,010	6,293	96,060	195,500	291,560
19	7 1/2 % HCL	35	254	289	214	5,093	5,382	96,280	195,720	292,000
		Total Acid	Total Flush	Total Acid BBLs	Total Frac Flush	Total Frac BBLs	Total Load	Total 100 Mesh	Total 40/70	Total Prop
		804	5,408	6,211	5,559	100,037	106,248	1,732,260	3,261,020	4,993,280

Drilling WBDCaballo 23#4.xlsx