

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD-HOBBSFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other										5. Lease Serial No. NNM108503	
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						3a. Phone No. (include area code) 432-686-3689		8. Lease Name and Well No. Caballo 23 Federal 5H			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 40' FNL & 1295' FWL, U/L D At top prod. interval reported below 490' N 9 1342' W At total depth 379' FNL & 1341' FWL, U/L N										9. API Well No. 30-025-40247	
10. Field and Pool, or Exploratory WC Red Hills; BS Upper Shale										11. Sec., T., R., M., or Block and Survey or Area Sec 23, T25S, R33E	
12. County or Parish Lea										13. State NM	
14. Date Spudded 11/19/11						15. Date T.D. Reached 12/02/11		16. Date Completed ☐ D & A ☒ Ready to Prod. 2/9/12			
18. Total Depth: MD 14025 TVD 9437						19. Plug Back T.D.: MD 13987 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
14-3/4	11-3/4	42		1203		650 C		surface			
11	8-5/8	32		4985		1150 C		surface			
7-7/8	5-1/2	17		13987		150 C-1300 H		4050' est			
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Leonard Shale		9034		9771 - 13960'		0.44"	1296	producing			
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
9771 - 13960'		Frac w/ 9739 bbls 7.5% HCl acid, 2308100 lbs 100 mesh sand, 4638966 lbs 40/70 sand, 133961 bbls total load									
28. Production - Interval A											
Date First Produced 2/9/12	Test Date 2/27/12	Hours Tested 24	Test Production →	Oil BBL 652	Gas MCF 1030	Water BBL 625	Oil Gravity Corr. API 46.0	Gas Gravity .860	Production Method Flowing		
Choke Size 22/64	Tbg. Press. Flwg. SI 0	Csg. Press. 1000	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio 1579	Well Status POW	MAR 24 2012		
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		
			→						BUREAU OF LAND MANAGEMENT		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	BUREAU OF LAND MANAGEMENT		

(See instructions and spaces for additional data on page 2)

APR 08 2012

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

to 2400' : 5,000'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Rustler	1100			Rustler	1100
Base Salt		4780		Lamar	5020
Lamar	5020			Bell Canyon	5050
Bell Canyon	5050			Cherry Canyon	6050
Cherry Cyn	6050			Leonard	9034
Leonard	9034			Bone Spring Lime	9210
BS Lime	9210				

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2012 JUN - 5 AM 8:13

BUREAU OF LAND MGMT
CARLSBAD FIELD OFFICE

32. Additional remarks (include plugging procedure):

MONTANA, 17256

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

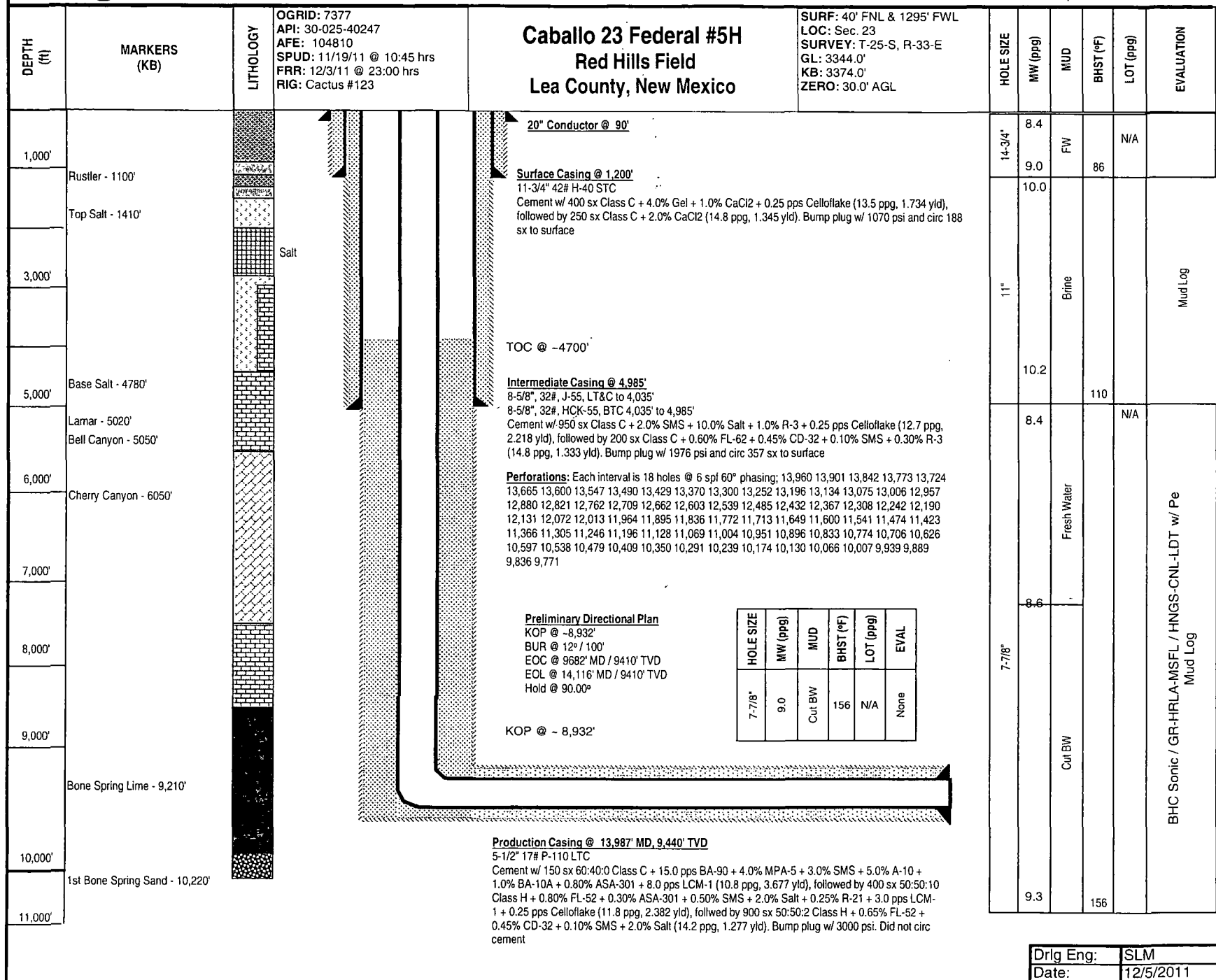
- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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 3/1/2012

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.

CURRENT WELL SKETCH



Drg Eng: SLM
 Date: 12/5/2011

Caballo 23 Fed Com 5H Frac Summary

Stage	Cluster MD	Distance Between Clusters	# Perfs	Avg Rate	Max Rate	Avg Pressure	Max Pressure	ISIP	FG	7.5% HCl gals	Clean Mgals	SW Mgals	Gel Mgals	Slurry Mgals	Mlbs/Prop	Mlbs 100 mesh	Mlbs 40/70	Max Sand PPA	Mlbs / Cluster	Mgals / Cluster	#/Ft Lateral	Gals/Ft Lateral	Comments
1	13,960		18	71	83	6433	7148	2730	0.72	4032	265	161	89	259	288	96	192	3	72	66	1831	1685	
	13,901	59	18																				
	13,842	59	18																				
2	13,773	69	18	67	79	6099	7411	3346	0.79	4032	230	208	15	170	289	96	193	3	58	46	2007	1598	
	13,724	49	18																				
	13,665	59	18																				
3	13,600	65	18	76	81	6740	7360	3055	0.76	4032	230	208	17	175	288	96	192	3	58	46	1964	1569	
	13,547	53	18																				
	13,490	57	18																				
4	13,429	61	18	76	80	6432	7228	3237	0.78	4032	231	227	0	175	287	96	191	3	57	46	1669	1343	
	13,370	59	18																				
	13,300	70	18																				
5	13,252	48	18	77	81	7047	7594	3067	0.76	4032	234	230	0	178	290	96	194	3	58	47	1844	1488	
	13,196	56	18																				
	13,134	62	18																				
6	13,075	59	18	71	81	7068	7661	3502	0.80	4032	233	229	0	178	288	96	192	3	58	47	1831	1481	
	13,006	69	18																				
	12,957	49	18																				
7	12,880	77	18	71	72	5996	7280	3127	0.76	4032	235	224	0	172	291	96	195	3	58	47	1850	1494	
	12,821	59	18																				
	12,762	59	18																				
8	12,709	53	18	75	79	6274	7000	3375	0.79	4032	230	226	0	174	289	96	193	3	58	46	2045	1628	
	12,662	47	18																				
	12,603	59	18																				
9	12,539	64	18	81	84	5996	7237	2432	0.69	4032	240	236	0	177	289	96	193	3	58	48	2026	1683	
	12,485	54	18																				
	12,432	53	18																				
10	12,367	65	18	80	84	5989	7245	2556	0.70	4032	232	228	0	181	288	96	192	3	58	46	1728	1392	
	12,308	59	18																				
	12,242	66	18																				
11	12,190	52	18	75	78	5785	6943	2400	0.69	4032	228	224	0	168	291	96	195	3	58	46	1850	1450	
	12,131	59	18																				
	12,072	59	18																				
12	12,013	59	18	82	83	6160	6650	2651	0.71	4032	267	256	0	187	294	97	197	3	59	53	1869	1697	
	11,964	49	18																				
	11,895	69	18																				
13	11,836	59	18	76	81	5936	6880	2695	0.72	4032	227	223	0	173	290	96	194	3	58	45	1769	1384	
	11,772	64	18																				
	11,713	59	18																				
14	11,649	64	18	74	83	5626	6912	2584	0.71	4032	228	224	0	180	275	96	179	3	55	46	1910	1584	
	11,600	49	18																				
	11,541	59	18																				
15	11,474	67	18	78	81	6121	7333	2735	0.72	4032	236	232	0	180	289	96	193	3	58	47	2007	1639	
	11,423	51	18																				
	11,366	57	18																				
16	11,305	61	18	80	83	6031	7375	3013	0.75	4032	242	238	0	182	290	96	194	3	58	48	1996	1666	
	11,246	59	18																				
	11,196	50	18																				
17	11,128	68	18	79	81	6151	7288	2974	0.75	4032	246	242	0	194	288	96	192	3	58	49	1742	1488	
	11,069	59	18																				

	11,004	65	18																				
18	10,951	53	18	81	82	6557	7337	3190	0.77	4032	222	218	0	169	291	96	195	3	58	44	1850	1411	
	10,896	55	18																				
	10,833	63	18																				
	10,774	59	18																				
19	10,706	68	18	79	80	6244	7250	2871	0.74	4032	231	227	0	173	288	96	192	3	58	46	1460	1171	
	10,626	80	18																				
	10,597	29	18																				
20	10,538	59	18	82	83	5735	6860	2684	0.72	4032	228	217	0	170	288	96	192	3	58	46	1831	1450	
	10,479	59	18																				
	10,409	70	18																				
21	10,350	59	18	81	83	5383	6450	2782	0.73	4032	228	224	0	176	288	96	192	3	58	46	1831	1450	
	10,291	59	18																				
	10,239	52	18																				
22	10,174	65	18	77	82	5112	6722	2839	0.73	4032	250	246	0	200	292	96	196	3	58	50	2010	1721	
	10,130	44	18																				
	10,066	64	18																				
23	10,007	59	18	80	81	5663	7200	2356	0.68	4032	238	234	0	194	290	96	194	3	58	48	1713	1406	
	9,939	68	18																				
	9,889	50	18																				
24	9,836	53	18	82	83	5825	6221	3202	0.77	4032	234	230	0	172	290	96	194	3	58	47	1844	1488	
	9,771	65	18																				

TP-BP
4,189 treated
1.65457 #/ft
1.32084 gal/ft

TVD 9450

Totals:
Water 5533 Mgals
SW 5412 Mgals
Gel 121 Mgals

7.5% HCl 96768 Mgals

Prop 6931 Mlbs
100 mesh 2305 Mlbs
40/70 4626 Mlbs

Cluster: 72
Perfs 1296