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Form 3160-4
(August 2007)

MAK US

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM 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. NM 17241		
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. Vaca Ridge 20 Federal 1		
3a. Phone No. (include area code) 432-686-3689			9. API Well No. 30-025-28534		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1980' FSL & 660' FSL, U/L O			10. Field and Pool, or Exploratory Red Hills, Bone Spring, North		
At top prod. interval reported below			11. Sec., T., R., M., or Block and Survey or Area Sec 20, T-24-S, R-34-E		
At total depth			12. County or Parish Lea		
14. Date Spudded WO 6/30/09			13. State NM		
15. Date T.D. Reached			17. Elevations (DF, RKB, RT, GL)* 3519' GR		
16. Date Completed ☐ D & A ☒ Ready to Prod. 9/6/09					
18. Total Depth: MD 15136 TVD		19. Plug Back T.D.: MD 10904 TVD		20. Depth Bridge Plug Set: MD 11035 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)		

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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
17-1/2	13-3/8	54.5		599		500		Surface	
12-1/4	9-5/8	36.0		5173		2250		Surface	
8-3/4	7	26.0		12990		2050		5300	
6-1/8	4-1/2	15.10	12590	15136		270			
	4-1/2	13.5	8961	10913		230			

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	8804							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 1st Bone Spring	9135		9208 - 10805	0.30"	1072	Producing
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9208 - 10805	Frac w/ 55524 gal 7.5% DI HCl acid, 4014 bbls 30 # linear gel, 11199 bbls 30 # XL gel, 146839 lbs 40/80 Carboxprop, 692326 lbs 20/40 Terraprop, 28391 bbls water

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/6/09	9/9/09	24	→	123	387	211	42.0		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
32/64	240	140	→				3146	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.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

ACCEPTED FOR RECORD

Pumping

OCT 5 2009
/s/ Chris Williams

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

PETROLEUM ENGINEER

OCT 13 2010

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

2A Wildcat Strawn (97678)

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
				Delaware	5314'
				Leonard Shale	8965'
				1st Bone Spring	9135'
				Strawn	13248'
				Atoka	13678'
				Morrow	13730'

32. Additional remarks (include plugging procedure):

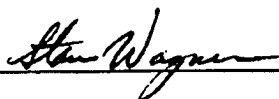
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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 9/17/09

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.