Form 31 CECEIVED UNITED STATES DEPARTMENT OF THE INTERIOR OCD-HORBS FORM APPROVED OMB NO 1004-0137 **BUREAU OF LAND MANAGEMENT** Expires July 31, 2010 HOBBELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No NM 108503 6. If Indian, Allotee or Tribe Name X Oil Well Gas Well Dry Other New Well Work Over Deepen Plug Back Diff.Resvr, b. Type of Completion: 7 Unit or CA Agreement Name and No. Other Name of Operator 8. Lease Name and Well No. EOG Resources Inc. Vaca 14 Fed 3H 3a. Phone No. (include area code) Address 9. API Well No. P.O. Box 2267 Midland, Texas 79702 432-686-3689 30-025-39327 Location of Well (Report location clearly and in accordance with Federal requirements)\* 10. Field and Pool, or Exploratory At surface 660 FNL & 1980 FEL, U/L B Red Hills; Bone Spring 11. Sec., T., R, M., or Block and Survey or Area At top prod. interval reported below Sec 14, T25S, R33E 12 County or Parish 13 State At total depth 581 FSL & 1936 FEL, U/L O 14 Date Spudded 15. Date T D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)\* Ready to Prod □ D & A 3/31/09 8/14/09 9/26/09 3357' GL 18 Total Depth: MD 19. Plug Back T.D.: MD 20. Depth Bridge Plug Set-MD 13200 12920 TVD TVD TVD 9486 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22 Was well cored? X No Yes (Submit analysis) Was DST run  $\mathbf{x}$ No Yes (Submit report Yes (Submit copy) Directional Survey? No 23 Casing and Liner Record (Report all strings set in well) Stage Cementer No.of Sks. & Slurry Vol (BBL) Hole Size Size/Grade Wt.(#ft.) Bottom (MD) Top (MD) Cement Top\* Amount Pulled Depth Type of Cemen 17-1/2 13-3/8 48 1180 1017 C surface 40 5153 12-1/4 9-5/8 2200 C surface 8-3/4 5-1/2 17 13171 1915 H 5250' CBL 24. Tubing Record Depth Set (MD) Size Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2-7/8 9126 25. Producing Intervals 26. Perforation Record Perforated Interval Size Formation Top Bottom No Holes Perf Status A) 9740 - 12890 9270 Bone Spring 0.42 504 producing B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 9740 - 12890 Frac w/ 1126 bbls 7-1/2% HCl acid, 9483 bbls 30# Linear gel, 30631 bbls 30# XL gel, 413620 lbs 40/80 Bauxite sand, 20/40 Versaprop sand, 42824 bbls water 28 Production - Interval A Date First Test Hours Test Oi1 Water Oil Gravity Corr API Gas Gas Production Method Tested Production BBI MCF BBL Gravity 235 9/26/09 2/16/10 24 101 1050 45.6 Choke Tbg. Press. Csg. 24 Oil Water Gas: Oil Well Status Flwg Size Press Hr. BBI. MCF BBL Ratio 13/64 SI 830 10396 POW ZUIU MAH 23 28a. Production-Interval B

> Oil Gravity Corr. API

Gas. Oil

Ratio

Gas

Gravity

Well Status

*I*s/ Chris Walls

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE

Date

Flwg.

Tbg. Press

Hours

Csg.

Press

Tested

Test

24

Hr.

Production

Oil

BBI

Oil BBL Gas

MCF

Gas

MCF

Water

Water

BRI.

BBL

Date First

Produced

Choke

Size

28b Producti	ion - Interv	al 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	S Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status			
28c. Product	tion-Interv	al D		1	<del></del>						
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	s. Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
29 Disposit	tion of Gas (	Sold, used for j	fuel, vented, e	tc.)		Sold					
30 Summary of Porous Zones (Include Aquifers):								31. Forma	31. Formation (Log) Markers		
Show al includi recove	ng depth int	cones of porosit erval tested, cus	y and contents t hion used, time	hereof: Contool open,	red interva flowing an	ls and all dr d shut-in pre	ill-stem tests, essures and				
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Forma	tion	Тор	Bottom	<u> </u>	Descriptions, Contents, etc.				Name	Meas.Depth	
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				12.				_	ne Spring Sand	10220	
				رُيُّا لِيْهَا	Œ,	lsba Carl		1	ne Spring Sand	10850	
				Bureau of	Bureau of Larrange Bureau of Larrange O 2010 Carlsbad Field O Carlsbad Field O Carlsbad, N.1						
32 Additio	onal remark	s (include plu	igging proced	ure):							
X Elect	trical/Mech	anical Logs (	uttached by pla I full set req'd nd cement ver	) [	Geo	appropria logic Repo ore Analys	ort DST Rep	port <b>X</b> Direc	ctional Survey		
34. I hereb	y certify th	at the foregon	ng and attache	d informa	tion is co	mplete and	d correct as determi	ned from all ava	nilable records (see attached in	nstructions)*	
Name (p	olease prini	) Stan W	lagner_		-		Т	itle <b>Regula</b>	tory Analyst		
Signature Stan Wayn								Date 3/2/20	e <u>3/2/2010</u>		
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Title 18 U S States any fa	S.C Section	n 1001 and Ti	tle 43 U.S.C	Section 1 or represe	212, mak	e it a crim	ne for any person k	nowingly and w	rillfully to make to any depar	tment or agency of the Unite	
			14				•				
(Continued on pa	age 3)									(Form 3160-4, page 2	