KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form must be Typed

KCC WICHITA

WELL COMPLETION FORM ORIGINAL WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5278	API NO. 15- 025-21277-0000
Name: EOG Resources, Inc.	County CLARK
Address 3817 NW Expressway, Suite 500	
City/State/Zip Oklahoma City, Oklahoma 73112	2310' Feet from SN circle one) Line of Section
Purchaser: DUKE ENERGY FIELD SERVICES	Feet from EW circle one) Line of Section
Operator Contact Person: MINDY BLACK	Footages Calculated from Nearest Outside Section Corner:
Phone (<u>405</u>) 246-3130	(circle one) NE SE NW SW
Contractor: Name:ABERCROMBIE_RTD, INC.	Lease Name CARDINER Well # 25 #1
License: 30684	Field Name
Wellsite Geologist:	Producing Formation CHESTER
Designate Type of Completion	Elevation: Ground 1904 Kelley Bushing 1915
_x New Well Re-Entry Workover	Total Depth 5909 Plug Back Total Depth 5810
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
_XGas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If yes, show depth setFeet
f Workover/Reentry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	Drilling Fluid Management Plan
Original Comp. Date Original Total Depth	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 4000 ppm Fluid volume 1000 bbls
Plug Back	Dewatering method used EVAPORATION
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name
Other (SWD or Enhr?) Docket No	Lease Name License No
1/28/05 2/9/05 4/13/05	Quarter Sec Twp S R E _ W
Spud Date or Date Reached TD Completion Date or Recompletion Date	County Docket No.
Kansas 67202, within 120 days of the spud date, recompletion, wo Information on side two of this form will be held confidential for a pe 82-3-107 for confidentiality in excess of 12 months). One copy of al CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with All requirements of the statutes, rules and regulations promulgated to recomplete.	with the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, inkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. riod of 12 months if requested in writing and submitted with the form (see rule II wireline logs and geologist well report shall be attached with this form. ALL th all plugged wells. Submit CP-111 form with all temporarily abandoned wells. gulate the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge. Signature Signature	
Title OPERATIONS ASSISTANT Date 1:	KCC Office Use ONLY
. — 71	Letter of Confidentiality Attached
Subscribed and sworn to before me this 1 day of NOVE.	***************************************
Notary Public Cleveland Cleveland Cleveland	County Geologist Report Received ECEIVED
Date Commission Expires 4-26-08 State of Ok	klahoma NOV 2 n DOGS

Operator Name EOG F	COURTED, II	WC.		Lea	se nam	e <u>CARDINE</u>	<u> </u>	Well #	25 #	<u> </u>	
Sec. <u>25</u> Twp. <u>34</u>	S.R. 24_	East	₩ West	Cou	unty	LARK	3			·	
INSTRUCTIONS: Sho tested, time tool open a temperature, fluid reco Electric Wireline Logs s	and closed, flow overy, and flow	ing and shut- rates if gas	in pressure to surface	s, whether during te	shut-in	pressure read	ched static level, I	ydrostatic p	ressures	, bottom h	
Drill Stem Tests Taken (Attach Additional Sh	neets.)	Yes	⊠ No		X Log		Depth and Datums Samp				
Samples Sent to Geolog	N	ame		Тор	Da	tum					
Cores Taken		X Yes	☐ No								
Electric Log Run (Submit Copy.)		X Yes	☐ No	SEE	ATTACI	HED SHEET					
ist All E.Logs Run:											
INDUCTION, DENSITY	Y NEUTRON, M	ICROLOG									
	Repor		RECORD et-conducto	LAAI	v 🔲 Us	sed iate, productio	n, etc.				
Purpose of String	Size Hole Drilled	Size Ca Set (In 0		Weigh Lbs./Ft		Setting Depth	Type of Cement			Type and Percent Additives	
SURFACE	12 1/4	8 5/8	· · · · · · · · · · · · · · · · · · ·	24#		812'	PP	205	3%CCACL		
								125	2%CCACL		
PRODUCTION	7 7/8	4 1/2	DITIONAL O	10.5#	2/00/15	5901' 50/50 POZ 150 6%GILSON				SONITE,	
Purpose	Depth	T	of Cement		Sacks Used Type and Percent Additives						
Perforate Protect Casing	Top Bottom	, , , , , , , , , , , , , , , , , , ,					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Plug Back TD Plug Off Zone							<u> </u>				
Flug On Zone	L					1					
Shots Per Foot	PERFORATION Specify Foot	RECORD - E age of Each I				Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used) Depth					
4	5729'-5772'				· · · · · · · · · · · · · · · · · · ·	48000#20	/40SD,15036g.	75%Q GEI	WIF 5	729-5772	
*	RETREIVABLE	BRIDGE PI	LUG @ 570	00'							
4	5489'-5511'					4500#20/	40SD,17000g.	15% HCL A	CID, 5	489-5511	
						27594g.	SLICK WATER				
TUBING RECORD	Size 2 3/8	Set At 5455 '		Packer							
Date of First, Resumed 4/13/05	· · · · · · · · · · · · · · · · · · ·			cing Method		umping 🔲 G	as Lift	er (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bbls.	Gas-Oil I N/A	Ratio	N/A	Gravity	
isposition of Gas:	METHOD (OF COMPLET	1754 TION	<u></u> .	Ιυ_		Production Inter	/al	N/A	-	
☐ Vented ☐ Sold	Used on L			loie 🙀 Pe	rforation	Dually 0	Comp. Commin				
الما (If veņted, submit A				(Specify)		_					

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ACO-1 Well Name : GARDINER 25 #1								
FORMATION	FORMATION TOP							
CHASE	2311'	396'						
COUNCIL GROVE	2778'	863'						
WABAUNSEE	3282'	1367'						
BASE OF HEEBNER	4251'	2336'						
LANSING	4428'	2513'						
MARMATON	5069'	3154'						
CHEROKEE	5248'	3333'						
ATOKA	5408'	3493'						
MORROW	5479'	3564'						
		 						

	1	OD CHIM	MAD	V	***************************************	SPALES DISCHED		TITOTAL DATE			
HALLIBURTO				1		JOA / STATE	20500	COUNTY	01/29/05		
Central Operations		Mid Contituen	n/USA		· · · · · · · · · · · · · · · · · · ·	MC/Ks CLARK					
MCLI0101 301261		Scott Green				Cement					
LIBERAL		EOG RESOUR	RCES			GARY BROCK 1-580-651-0084					
\$10,582,79		OI OH				PRINT 1-000-031-000-0					
MELL LOCKTION Englewood, Ks	····	DEWINSIT Cement				SAN SOME HUM	HEDR	Cement Su	face Casin	9	
LEAST NAME	Well	1 25 - 345 - 24W				7521 HS ROUTY &	COMPANION DE LO			100	
GARDINER HER EINP NAME / EINP P / (EXPOSURE HOURS)	25#	1 25 - 348 - 24W		Liberal							
Green, S 301261				Hete			1481			HELE	
Arnett, J 226567									·		
Mclane, D 198322 Lopez, C	╌┼╌╂╌	· · · · · · · · · · · · · · · · · · ·		┿┥							
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10547896	130										
10251401	130							 			
	65									+	
Form. Name Form. Thickness	Type:	10		Ca	ed Out	On Location	NO 112	b Started	1155		
Packer Type Bottom Hole Temp.	Set A		Date	-	1/29/2005	1/29/2	003	1/20/2005	100 37	Anoisted Se2005	
Retainer Depth	Press Total	Depth \$12	Time		0030	0400		1150	12	40	
Type and Size	Qtv I	Make			N-M-M						
Float Collar	Cc	omp	Casing	1	New/Used New	24#	Size Grade	From	To #12	Mags, Allow	
Float Shoe Centralizers		MAD	Liner Liner								
Top Plug HWE 8 6/8"	1 He	AMCO	Tubino	1							
HEAD 8.5/8" Limit clamp		AMCO XIND	Drill Pi Open	00							
Weld-A	Co	THE STATE OF THE S	Perior	BUOIN			12 1/4	KB	\$12	Shots/Ft	
Guide Shoe BTM PLUG		MMP .	Perfor	NO.							
	ernally										
Disp. Fluid HaO D	ensity	Lb/Ge/	- 92	•	Hours 9.5	7/28	Houra 1.5	Coment	Surface Ca	eing	
Prop. Type Size		1.5						1 ——			
Prop. Type Size			-								
Prop. Type Size		<u>*</u>		\exists							
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Prop. Type Size Acid Type Gal. Acid Type Gal. Surfactent Gal. NE Agent Gal.		th %									
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Prop. Type Acid Type Acid Type Gal. Acid Type Gal. Surfactant Gal. NE Agent Fluid Loss Gal/L Gelling Agent Fric. Red. Gal/L Breeker Blocking Agent	b b Gal/Li	Lb %			9.5		11.5				
Prop. Type Size Acid Type Gal. Acid Type Gal. Acid Type Gal. Surfactant Gal. NE Agent Gal. Fluid Loss Gal/L Getting Agent Gal/L Breaker Gal/L Brothing Agent Peripac Balls Other	b	Lb %	Ordere		9.5	Ave	1.5				
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Prop. Type Acid Type Acid Type Gal. Acid Type Gal. Surfactant Gal. NE Agent Fluid Loss Gal/L Gelling Agent Fric. Red. Breatter Gal/L Breatter Gal/L Brocking Agent Peripac Balle Other Other	b b Gal/Li	Lb % % In		g	9.5		1.5	Overall	d. E JOINT		
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Prop. Type Acid Type Gal. Acid Type Gal. Acid Type Gal. Surfactant Gal. NE Agent Fluid Loss Gal/L Gelling Agent Fric. Red. Gal/L Breaker Gal/L Blocking Agent Peripac Bale Other Other Other Other Other Stage Sacks Cernent 1 288 MEDON PP 2 128 PREM PLUS 3 4	Display Display Display MAKIN Lott Na Actual	ILD % % In	Treetin Foot Additions ELE - 17	44 FW	reflush: pad 8 Bioin: (oxcess /Return slc. TOC:	Clan. Research BBI Sal - BBI BBI	1.5	Overall SHOI W/Rc 18.94 6.38 Type: Pad:Bbi Cale.Dia	E JOINT Yield Z.53 1.34 -Gal to Bbl list	11.40	
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RECEIVED

NOV 2 0 2006

KCC WICHITA

HALI	JBU	RT	ON	JOE	LOG			3520608	01/29/06			
Central O	peration	 B		CONTR	itnent/U	RA	·	MC/Ks	CLARK			
MCLIO101		01261	HEA	BFLOTE	HAME	Z.D		Lef Described.				
OCATRON		W1 Z81	COMP			~		Coment CUSTOMEN REP / PHONE				
LIBERAL.			E0	G RES	OURCE	8		GARY BROCK	1-580-661-0			
\$10,582.79					01 (Oll						
Englewoo	d, Ks			nent				JOH PURPOSE CODE COM	ent Surface Casino			
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Green, S 3	01261											
Arnett, J 2	26567											
iciane, D	108322		1									
.opez, C			1									
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	0100			1	†			futy meeting				
	0400						Arrive at h	ocation, perform jo	b site assessment, move			
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	0700 0730		+	┿	 			Milion hole				
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	1110							nling / Rig down ca				
	1115		-	+	ļ			at to drag casing cr	ew out			
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· · · - · · · · · · · · · · · · · · · ·	1220		30.0	+-	100110	— —		ring / Release top p	k tail skurry @ 14.25			
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MCL / IO104			COMPANY	WOODF				Cernent Customer Rep / mone						
LIBERAL TICKET AWOUNT			EOG	RESOUR	CES		30212	2 GARY BROCK 1-580-651-0084					4	
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Form, Name		Tyr	X0.						<u> </u>					
Form, Thickne	85	From		·		Ça	ed Out	On Location 2/9/2	00	Job S	erted	Job C	omoleb	ed
Packer Type Bottom Hole 1	emp.	Sel	At		Date]	28/2005	2/9/20	205	2	9/2005	2	9/2005	,
Retainer Depti	h	Tot	al Depth	3500	Time		2200	0100		0	837	01	920	
Type a	nd Size	Qty	Ma				New/Used	Weight	e		Cro-		04	Torus.
Floet Collar	(M.SZE	GIT	H	A.B	Cacing	_	New/Used	10.5	Stee Gn 4 1/2		From	5,913	Marc A	TOOM
Float Shoe					Liner									
Centralizers Top Plug	HWE 4 1/2	1	_A		Liner				1	-			₩	
HEAD	Q/L 4 1/2	1			Drill Pig	pe							 	
Limit clamp Weld-A			С		Open	lole			778				Shots	/FL
Guide Shoe					Perform	rion:	5 8			┿			 	
BTM PLUG	244 2444	, , ,	0		Perfora	note	8			土				
Mud Type		Density	- 1 a 5ti 45t	Lb/Gal	Date		Hours	Date	Hours					
Disp. Fluid Prop. Type	Stz	Density	Lb.	Lb/Gal	23			2/5			Cement	Production) Casin	ġ
Prop. Type	Skz					\dashv			 					
Acid Type Acid Type	Ga Ga		<u>*</u> _							ゴ	8EE	JOB LOG		
Surfactant	Ga	i. <u> </u>	<u></u>			_			-	-				
NE Agent Fluid Loss	Ge	К.Б.	In			\Box				コ				
Gelling Agent		MLD-	—" —		—	\dashv			 	-				
Fric. Red. Breaker		""	<u> </u>		250									
Blocking Agen	utGa	Ga	VL5	—	HOUSE	<u> </u>				ك				
Perfpec Balls Other		an	. <u> </u>					41:11:1						
Other					Ordere	<u> </u>		Avel			Use	<u>d</u>		
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Store S	Canada			Sept of the	E-11-11		in the second		مصالتين				التعليدة	
Stage Secks	Cement 50/59 POZ PP	Bulk/S	E# C34	SONITE. D.	Additive % HALA!		, on cal-seal	40M 0 M		Alp -	W/Rq		Lbe/C	
2					~		N CAL-SEAL	IVN SAL	, v.on D	-WH 30	7.31	1.83	13.5	NU
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Class 1 - 25 6 34	经国际资本中的	Very Co	ena cerv	21-12-12-12-1	14.40 21	Nich		MAR SALES		30				TWS:
Breakdown			placement XIMUM				Preflush: Load & Bkdn:	881	10.0	N .	Type: _	MUD!	ALISH'	#G-X1
Lost Returns-\ Cmt Rtm#Bbl		L.OE	t Returns-	P		_	Excess /Return	BBI			Pact Bbl Calc. Die		93.	,]
Average		Fre	ual TOC c. Gradien				Calc: TOC: Treatment:	Gal - BBI			Actual D	iep.	93 93.00	\sqsupset
Shut in: Instan	t		lin	15 Mii	·	\equiv	Cement Sturry	BBI	43.		Diep:Bb			_
THE PAR			100 40 3	1. 7. 168 10.0	gyer er	1,577	Total Volume	BBt	146.	00	51 H - 105 mm	7 0-66-10	050	
THE INFO	DRMATION 8	TATE	HEREN	IS CORR	ECT	~	sales of the sales bearing .	er a wie Andre S.	33W 23	क्ष्म । त	7 (5 (D) ¥.	A LANGE PROPERTY.		لخنة
	ER REPRES			Lan										ı
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RECEIVED NOV 2 0 20 CM KCC WICHITA

								TICKET #	TICKET DATE				
	LIBU	PT			LOG			3541999	02/09/05				
Central C	peration	2		Cont	tnent/US	RA.		MC/Ks	CLARK				
MCL / IO			N.E.O.	MILOYEE			**··	PIL DEPARTMENT					
LOCATION			COMPY	NY		Cement							
LIBERAL			EO	3 RES	30	GARY BROCK	1-580-651-0084						
\$8,426.90	426.90 02 Gas												
ENGLEW	OOD.KS.		CFI	MENT				Cement Production Casing					
GARDINI	2D	War	1 25 -	343 - 2	ZAW		······································	LIBERAL KS.	WELL S				
163 847 1946 847			NU OF INC			Hatal es de	WEST FETON		ISPES OF HYDERE'S (EXPOSURE HOUSE) HIS				
Woodrow	J 105848				·								
Beasley, .	J 29 992 0												
						T							
Chart	Time	Rate	volum	Rate	Press	L(PSI)		Job De	secription / Remarks				
No.	1 2000	(DF16)	- bertines	MZ	CBG.	The			· · · · · · · · · · · · · · · · · · ·				
	0200	<u> </u>					JOB RE						
	0100	 	┪	+	 	 		OUT FOR JOB					
	0115	 		+	 	 			MT. ON LOCATION QUIP. WITH DOZER				
			1	+	 	 	RIG UP	N JOA / SPUT EL	BOIP. WITH DOZER				
	0245	<u> </u>		1	 			ZUNNING 4 1/2 C	ASING & COMP. FLT EQU.				
								ON BOTTOM (5					
	ļ								CULATING IRON				
	0730							IRCULATING WI					
	0825	<u> </u>	 	┼	ļ		HOLD PRE JOB SAFETY MEETING						
	0030		 	╅				H CIRCULATING	HOOK UP TO PUMP				
	 		1	╁		<u> </u>	TRUCK	/ 100 N	PAAPAT .				
	0837			1	2500		TEST PI	MP & LINES	ROCEDURE)				
	0837	5.0	0-10					BBLS. MUD FLI	ISH SPACED				
	0841	6.0	0-43		300-150				CMT. @ 13.5#GAL				
	0859		 	 	150-0		THROUG	H MIXING CMT.	/ SHUT DOWN				
	0900	4.5	+	ļ				PUMP & LINES / F					
	0917	3.0	83.0		400 000		START	IBPLACING WITH	H 2% CLAFIX WATER				
	0920		63.0	+	400-360 536		HAVE 83	BBLS. OUT / SL	OW RATE TO 3 BPM				
	0920		 	 	1100			WN / RELEASE	FORE LANDING PLUG				
							FLOAT H		FLOAT				
							THANK Y	OU FOR CALLIN	G HALLIBURTON III				
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