KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

# ORIGINAL

Form ACO-1
September 1999
Form must be Typed

# CONFIDENTIAL WELL COMPLETION FORM

WELL HISTORY - DESC	RIF HON OF WELL & LLASE
Operator: License # 5278	API NO. 15- 067-21645-0000
Name: EOG Resources, Inc.	County GRANT
Address 3817 NW Expressway, Suite 500	<u>SW - SW - NW Sec. 21 Twp. 27 S. R. 37 </u> [E X] W
City/State/Zip Oklahoma City, Oklahoma 73112	2220 Feet from S (Circle one) Line of Section
Purchaser: N/A	Feet from E (Circle one) Line of Section
Operator Contact Person: MELISSA STURM  Phone ( 405 ) 246-3234  Contractor Name: APERCHAMBIE DED. INC.	Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE NW SW
Contractor: Name: ABERCROMBIE RTD, INC.	Lease Name DORAINE Well # 21 #1
License: 30684	Field Name
Wellsite Geologist: DAVID VAGUE	Producing Formation N/A
Designate Type of Completion	Elevation: Ground 3069' Kelley Bushing 3081'
X New Well Re-Entry Workover	Total Depth 5600' Plug Back Total Depth N/A
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 1656' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If yes, show depth set Feet
If 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  AH TWI 324-F9
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 Total Depth	Dewatering method used <u>EVAPORATION</u>
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
10/1/07 10/6/07 10/8/07	Quarter Sec TwpS 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 per 82-3-107 for confidentiality in excess of 12 months). One copy of all CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with	I with the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, rkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Find of 12 months if requested in writing and submitted with the form (see rule I wireline logs and geologist well report shall be attached with this form. ALL h all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	
Signature Meling Aturm	

Signature

Title SR. OPERATIONS ASSISTANT

Date 12/5/07

Subscribed and sworn to before me this 5TH.

KAYE DAWN ROCKEL

Notary Public

Notary Public

Steel Dawn Public

Steel Dawn Rockel

Of Oklahoma

**Date Commission Expires** 

Commission # 0/009575 Expires 10/21/08

	KCC Office Use ONLY RECEIVE KANSAS CORPORATION	/ED ON COMMISS
,	Letter of Confidentiality Attached If Denied, Yes Date: DEC 0 6	2007
	Wireline Log Received  Geologist Report Received NSERVATION  WICHITA,	DIVISION KS

	TASAL	100		Side Two	9			,
Operator Name <u>E0G R</u>	ESOURCES	<u> Finu</u>		Lease	Name DORAI	NE	Well #	21 #1
Sec. <u>21</u> Twp. <u>27</u>	S.R	☐ East [X]	West	County	GRANT			
NSTRUCTIONS: Sho ested, time tool open a emperature, fluid reco Electric Wireline Logs s	and closed, flow overy, and flow	ing and shut-in pre rates if gas to si	ssures, w urface du	hether shuring test.	ut-in pressure	reached static level,	hydrostatic p	oressures, botton
rill Stem Tests Taken (Attach Additional Sh	neets.)	Yes 🗓	No	X	Log	Formation (Top),	Depth and D	Datums S
amples Sent to Geolog	ical Survey	☐ Yes 💢	No	Name	е	Тор	Da	atum
ores Taken		☐ Yes 💢	No					
ectric Log Run (Submit Copy.)		X Yes	No	SEE AT	TACHED SHEE	<b>T</b>		
st All E.Logs Run: JDLOG, MICROLOG, / MICRO, DENSITY								
	Repor	CASING REC			X Used	uction, etc.		
urpose of String	<del></del>					Type of Cement	# Sacks Used	Type and Perce Additives
URFACE	12 1/4"	8 5/8"	24	\#	1656'	MIDCON2PP	300	SEE CMT TI
						PREM PLUS	180	SEE CMT TI
		ADDITION	NAL CEM	ENTING/S	QUEEZE REC	l ORD		1
Purpose Purpose Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cem	ent	#Sacks Us	sed	Type and Pe	ercent Additi	ves
Plug Off Zone								
Shots Per Foot		RECORD - Bridge age of Each Interva				acture, Shot, Cement t and Kind of Material		ord Depth
			10.00					
UBING RECORD	Size	Set At	. F	Päcker At	Liner Ru	ın Yes 🗌	] No	
ate of First, Resumed	Production, SV	VD or Enhr.	Producing	Method				
I/A - DRY	·			Flowing	Pumping [	Gas Lift Oth	ner (Explain)	·
stimated Production Per 24 Hours	Oil	Bbls. Ga	s 	Mcf	Water Bl	ols. Gas-Oil	Ratio	Gravit
position of Gas:	METHOD (	OF COMPLETION				Production Inter	rval	
Vented Sold	Used on Lo	ease 🔲 O	pen Hole	Perfor	ation Dua	illy Comp.   Commir	ngled	
,	,		ther (Spe	cifv)				

ACO-1 Com	pletion Report										
Well Name : DORAINE 21 #1											
FORMATION	TOP	DATUM									
CHASE	2373	708									
COUNCIL GROVE	2654	427									
NEVA .	2913	168									
TOPEKA	3352	-271									
BASE OF HEEBNER	3738	-657									
MARMATON	4455	-1374									
CHESTER	5214	-2133									

CONFIDENTIAL DEC 0 5 2007 KCC

RECEIVED KANSAS CORPORATION COMMISSION

DEC 0 6 2007

CONSERVATION DIVISION WICHITA, KS

CONFIDENTIAL DEC 0 5 2007

#### HALLIBURTON

Summit Version: 7.20.130

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #	: 302	122	as the	Shi	ір То	<b>#:</b> 2603	253		Que	ote #:					Sales	Orde	r#:	5414	983
Customer	: E00	G RES	OURC	ES IN	С				Cus	stome	r Rep	: Nutt	er, He						
Well Name	e: Do	raine					Well #	#: 21#1						PI/UV	VI #:				·····
Field:		4.	- C	ity (S	AP): l	JNKNO	ΝN	Count	y/Pa	rish: (	Grant					: Kans	sas -		•
Contracto	r: AE	BERCR	OMBI	E		Rig/Pla	atform	n Name	/Nun	n: 2									<del></del>
Job Purpo	se:	Plug to	Aband	don Se	ervice									<del></del>					
Well Type						Job Ty	pe: F	lua to A	band	don Se	rvice	····							
Sales Pers					I	Srvc S			<del></del>	<del></del>			MBU	ID Er	np #:	1958	11	**	
			•			MERSI	-				•								
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							· ·	Job											
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Water Depti	1			-		Above I		5.	ft	Job C				Oct -		00:			CST
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								Well	Data							1			
Descripti	on	New /	Ma	ax	Size	ID	Weig	ht	TI	hread		Gr	ade	Тор	MD	Botto	n T	ор	Bottom
		Used	pres		in	in	lbm/	fft					į	fi	t	MD	- 1	VD	TVD
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KANSAS CORPORATION COMMISSION

CONFIDENTIAL DEC 0 5 2007 KCC

### Cementing Job Summary

Fluid #	Stage	Гуре			id Name			Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/si		Rate bbl/min	Tota	l Mix
1	Plug @16	680 ft	POZ PI	REMIUM 4	0/60 - SB	M (15	075)	50.0	sacks	13.5	1.47	7.04		7.	04
	2 %		BENTO	NITE, BUL	K (10000	3682)	)								
	7.042 Ga		FRESH	WATER											
2	Plug @84	10 ft	POZ PI	REMIUM 4	0/60 - SBI	M (15	075)	50.0	sacks	13.5	1.47	7.04		7.	04
	2 %		BENTC	NITE, BUL	K (10000	3682)								***	
	7.042 Gal		FRESH	WATER											
3	Plug @ 6	30 ft	POZ PI	REMIUM 4	0/60 - SBI	VI (15	075)	20.0	sacks	13.5	1.47	7.04		7.0	04
	2 %		BENTO	NITE, BUL	K (100003	3682)							<del></del>		
	7.042 Gal		FRESH	WATER									,		<del></del>
4	Plug Rat	Hole I	POZ PF	REMIUM 40	)/60 - SB!	M (15	075)	15.0	sacks	13.5	1.47	7.04		7.0	04
	2 %		BENTO	NITE, BUL	K (100003	3682)							<del>!</del>		
	7.042 Gal		FRESH	WATER											*** W
5	Mouse Ho	ole I	POZ PR	REMIUM 40	)/60 - SBN	A (150	)75)	10.0	sacks	13.5	1.47	7.04		7.0	)4
	2 %			NITE, BUL	K (100003	682)							<del></del>		-
	7.042 Gal			WATER								·· - · · · · · · · · · · · · · · · · ·	······································		
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Displac	ement			t in: Instai	nt		Lost Re	eturns		Cement SI	urry		Pad		
	Cement	· · · · · · · · · · · · · · · · · · ·	5 M				Cemen	t Returns		Actual Dis	placen	nent	Treatme	ent	
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			is N.				<b>加盟</b> R								3#20
Circul				Mixing				Displac	ement			Avg. Jo	b		J
	nt Left in			44.57 ft		Shoe									
Frac R	ing #1@	15		Frac ring	# 2 @	) IE		Frac Ring		ID		Frac Ring a	# 4 @	ID	
Th	e Inform	ation S	tated	Herein Is	S Correc	:t	Custom	er Represer	ntative Sig	natyre	//				<u></u>

RECEIVED KANSAS CORPORATION COMMISSION

DEC 0 6 2007



### Cementing Job Log

The Road to Excellence Starts with Safety

	Ship To #: 2603	253		Quote #: Sales Order #: 5414983								
Customer: EOG RESOURCES	SINC			Custom	er Rep: N	utter, Hei	b d					
Well Name: Doraine	·- · · · · · · · · · · · · · · · · · ·	Well #				AP	I/UWI #:					
	(SAP): UNKNOV	VN C	ounty/	Parish: (	Grant		State:	Kansas				
Legal Description:												
Lat:				Long:								
Contractor: ABERCROMBIE	Rig/Pla	tform	Name/i	Num: 2								
Job Purpose: Plug to Abandor	<del></del>		··			Ticket	Amount:					
Well Type: Development Well				andon S								
Sales Person: BLAKEY, JOSE	PH Srvc S MERSI		sor: WI	LTSHIRE	<b>=</b> ,	MBU II	) Emp #:	195811				
Activity Description	Date/Time	Chi	Rate bbl/ min		lume obl Total	P	200	Comments				
Call Out	10/08/2007 09:00											
Arrive At Loc	10/08/2007 23:30						KA	RECEIVED NSAS CORPORATION COMMISSION				
Pre-Job Safety Meeting	10/08/2007 23:45							DEC 0 6 2007				
Start Job	10/09/2007 01:02							CONSERVATION DIVISION WICHITA, KS				
Test Lines	10/09/2007 01:02					2500. 0						
Circulate Well	10/09/2007 01:04		5.5	160		120.0		WATER				
Pump Cement	10/09/2007 01:25		3.5	13		80.0		50 SKS 40/60 POZ @ 13.5#				
Pump Displacement	10/09/2007 01:28		5	21		40.0		WATER				
Other	10/09/2007 01:31		5	21		40.0		END DISPLACEMENT/// PULL UP TO 840'				
Circulate Well	10/09/2007 02:09		4	15		80.0						
Pump Cement	10/09/2007 02:14		4	13		80.0		50 SKS 40/60 POZ @ 13.5#				
Pump Displacement	10/09/2007 02:17		5	8		30.0		WATER				
Other	10/09/2007 02:19		5	8		70.0		END DISP.// PULL UP TO 60'				
Circulate Well	10/09/2007 03:21		2	8								
Pump Cement	10/09/2007 03:25		3	12		60.0		20 SKS 40/60 POZ @ 13.5#/// 15 SKS RAT/// 10 SKS MOUSE				
Other	10/09/2007 03:43		3	12		60.0		END CEMENT				

Sold To #: 302122

Ship To #:2603253

Quote#:

Sales Order #:

5414983

SUMMIT Version: 7.20.130

Tuesday. October 09. 2007 04:05:00

## Cementing Job Log

Activity Description	Date/Time	Cht bi	Vo Vo L Stage	ume bi	Pres P. Tubing	sure ig Casing	Comments
End Job	10/09/2007 03:43						the same and the s

CONFIDENTIAL DEC 0 5 2007

RECEIVED KANSAS CORPORATION COMMISSION

DEC 0 6 2001

CONSERVATION DIVISION WICHITA, KS

Sold To #: 302122

Ship To #:2603253

Quote #:

Sales Order #:

5414983

SUMMIT Version:

7.20.130

Tuesday. October 09. 2007 04:05:00

Confidential

Confidential

Cementing Fob Summary

The Road to Excellence Starts with Safety

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Sold To #:					To #:	2603	253			ote#:	•			S	ales	Orde	<b>#:</b> 540	1586	
Customer			OURC	ES INC		· · · · · · · · · · · · · · · · · · ·			Cus	stomer	Rep:								
Well Name	e: Do	aine						#: 21#1					AP	I/UW	#:				
Field:			C	ity (SA						rish: Ste	evens	3		S	tate	: Kans	as		
Contracto	r: AB	ERCR	OMBIE	E	F	Rig/Pla	atforr	n Name/	Nun	n: 2									
Job Purpo	se: (	Cemen	t Surfa	ice Cas	ng					·····									
Well Type:				<del></del>		lob Tv	pe: C	Cement S	urfa	ce Casi	na	<del></del>	<del></del>						
Sales Pers				<u></u>				visor: S					MBU II	) Em	n #·	10602	6		
00.00 : 0.0						<del></del>	apei	Job Pe			<i>J</i> 1		INDU IL	<i>y</i> (211)	μ#.	10003	0		
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Job depth MD			1700. ft			oth TVE		<del></del>	1700. ft Job Started 2. ft Job Comple							12:5		CST	
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44.104 <b>8</b> 34.415		*********	Ash population	C. Kutabili	**************************************	W \$2	Jae/F	Pantal/3"	Da	Mir/ÚEG	きい炭液	(Marijan) ng	********		Robert Fred	1700.	The artificial service	Earth (at the control	er ser se
Section Street Section Control	ELEMENT SEC. AL	en de la		Dec	criptio	one you	1163/1	(Cirtair)	gr.a	rty (Inter	<b>7)</b>								
HOE,GID,8-	5/8 8F	2D			onpac			· · · · · · · · · · · · · · · · · · ·				- Giy	Qty uc		Dept	in	Supp		
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ASKET - CE												1	EA	_			SEASTERS ASSESSED	PARTERIO	
LUG,CMTG,					20.144					<del></del>		_1_	EA				INSERVATION WICHING		SION
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		1, 18	1.62	and the same			Tools		ces				uzzi ( <b>vi</b> e			被争上。	activity.		315
	Size	Qty	Make	Depth		ype	Size	e Qty	M	lake D	epth		Type		Siz		Qty	Ma	
uide Shoe				<u> </u>	Packe							Top	Plug						
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tage Tool	<u> /</u>			1248	, , , , , ,			llaneous	: Ma		e ( )		Sugar, Nigo	·,				ia .	
nsert Float tage Tool elling Agt reatment Flo			Col	nc		N Surfac Inhibit	tant	llaneous	Ма	Conc Conc	S** (	Acid	d Type	· ,		Qty	c	onc	%

Summit Version: 7.20.130

6	age/Plug #: 1		the second state of the second	id Data						
Fluid #	Stage Type	Fluid N	ame	Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/s
1	Lead Cement	MIDCON-2 CEMENT F SBM (15079)	PREMIUM PLUS -	300.0	sacks	11.4	2.96	18.14		18.14
	3 %	CALCIUM CHLORIDE	- HI TEST PELLET	(100005	053)	<del></del>	L , , (			
	0.25 lbm	POLY-E-FLAKE (1012	16940)		· · · · · · · · · · · · · · · · · · ·		<del> </del>			
	0.1 %	WG-17, 50 LB SK (100	003623)			* ****				
	18.138 Gal	FRESH WATER				*****				
2	Tail Cement	CMT - PREMIUM PLUS (100012205)	S CEMENT	180.0	sacks	14.8	1.34	6.32		6.32
	94 lbm	CMT - PREMIUM PLUS	S - CLASS C REG	OR TYPE	III, BUL	K (1000122	205)		·	
	6.324 Gal	FRESH WATER								
	2 %	CALCIUM CHLORIDE	HI TEST PELLET	(1000050	53)		<del></del>			
	0.25 lbm	POLY-E-FLAKE (10121	(6940)							
3	Displacement			0.00	bbl	8.33	.0	.0	.0	
Ca	<b>Iculated Values</b>	S Pressure	s. ·	A. 64.50	WING.	V	olumes		The work	a desira mantantan
	ement	Shut In: Instant	Lost Re	turns		Cement SI	urry		Pad	
	Cement	5 Min		Returns		Actual Dis	splacemer	nt	Treatme	ent
	radient	15 Min	Spacers	3		Load and I	Breakdow	n	Total Jo	b
			R	ates 🔭		* 4.4.34.34.34	A ATTO	19/1/9/19	STORY	(1) <b>(2) (3)</b> (3) (4) (4) (4)
Circul		Mixing	<u> </u>	Displac	ement			Avg. Jo	b	
	ent Left in Pipe	Amount 40 ft Reas	<del></del>							
Frac R	ing # 1 @	ID Frac ring # 2 @		Frac Ring			Fr	ac Ring#	4@	ID
Th	e Information	Stated Herein Is Co	Orrect Custom	er Represe	ntative S	ignature	may la			

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DEC 0 6 2007

CONSERVATION DIVISIONS WICHITA, KS

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Tuesday, October 02, 2007 15:13:00

#### Cementing Job Log

The Road to Excellence Starts with Safety **Sold To #:** 302122 Ship To #: 2603253 Quote #: Sales Order #: 5401586 **Customer: EOG RESOURCES INC Customer Rep:** Well Name: Doraine Well #: 21#1 API/UWI #: Field: City (SAP): UNKNOWN County/Parish: Stevens State: Kansas Legal Description: Lat: Contractor: ABERCROMBIE Rig/Platform Name/Num: 2 Job Purpose: Cement Surface Casing Ticket Amount: Well Type: Development Well Job Type: Cement Surface Casing Sales Person: Srvc Supervisor: SMITH, BOBBY MBU ID Emp #: 106036 Rate Pressure ... Volume Date/Time Activity Description · bbl/ Cht psig 🧀 Comments bbl min THE PARK SECTION S Total Stage Tubing Casing Cali Out 10/02/2007 01:00 Safety Meeting - Service 10/02/2007 Center or other Site 02:15 Arrive at Location from Other 10/02/2007 Job or Site 04:00 Assessment Of Location 10/02/2007 rig is drilling Safety Meeting 04:00 Safety Meeting - Pre Rig-Up 10/02/2007 pump truck 04:05 Other 10/02/2007 bulk trucks on location 04:30 Safety Meeting - Pre Rig-Up 10/02/2007 bulk trucks 04:35 Other 10/02/2007 casing crew on location 05:00 RECEIVED RECEIVED COMMISS Other 10/02/2007 rig pulling drill pipe 07:00 Other 10/02/2007 Casing going in the hole. 10:00 Float equipment started. Other 10/02/2007 Casing on bottom. Rig CONSERVATION DIVISION 12:30 down casing crew. Safety Meeting 10/02/2007 location 12:45 Start Job 10/02/2007 12:52 **Test Lines** 10/02/2007 2300. kick outs 2000 12:52 0 **Pump Lead Cement** 10/02/2007 6 158 200.0 300 sk 11.4# 12:55 **Pump Tail Cement** 10/02/2007 4 43 100.0 180 sk 14.8# 13:24 **Drop Plug** 10/02/2007 13:35 **Pump Displacement** 10/02/2007 6 0 75.0 water

Sold To #: 302122

Ship To #:2603253

13:36

Quote #:

Sales Order # ·

5401586

SUMMIT Version:

7.20.130

Tuesday, October 02, 2007 03:14:00

# Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	1. 1. 1. 2 to 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ume obl	_e	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Other	10/02/2007 13:54		2	85		500.0	400.0	Slow down rate.
Bump Plug	10/02/2007 14:19		2	103		500.0	1200. 0	
Check Floats	10/02/2007 14:20							float held
End Job	10/02/2007 14:21							50 bbls of cement back to surface.
Safety Meeting - Pre Rig-Down-	10/02/2007 - 14:25		ra—un o	ರ್ಷ-	- <del>-</del> -	~ . • . ·		~ ~ ~
Safety Meeting - Departing Location	10/02/2007 16:30							
Depart Location for Service Center or Other Site	10/02/2007 16:30							Thank you for calling Halliburton. Bob Smith and crew.

CONFIDENTIAL CO

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 0 6 2007

CONSERVATION DIVISION WICHITA KS

Sold To #: 302122

Ship To #:2603253

Quote #:

Sales Order #:

5401586

SUMMIT Version: 7.20.130

Tuesday, October 02, 2007 03:14:00