CONFICENTIAL

Date Commission Expires

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

RECEIVED

Form ACO-1 October 2008

WELL COMPLETION FORM 100 0 2 201 WELL HISTORY - DESCRIPTION OF WELL & LEASE WICH!

NOV 0 2 2009 Form must be Typed

OPERATOR: License # 5278	API NO. 15- 189-22679-00-00 10/19/1
Name: EOG Resources, Inc.	Spot Description:
Address 1: 3817 NW Expressway, Suite 500	<u>SW - NE - SW - NW</u> Sec. <u>27</u> ⊤wp. <u>33</u> S. R. <u>39</u> ☐East 🔀 West
Address 2: Suite 500	1800 Feet from X North / South Line of Section
City Oklahoma City State OK Zip: 73112 +	820 Feet from East / X West Line of Section
Contact Person: DAWN ROCKEL	Footages Calculated from Nearest Outside Section Corner:
Phone (405) 246-3226	□ NE XNW □SE □ SW
CONTRACTOR: License # 34000	County STEVENS
Name: KENAI MID-CONTINENT, INC.	Lease Name <u>CENTRAL PLAINS</u> Well # <u>27 #4</u>
Wellsite Geologist: CONFIDENTIAL	Field Name RENEE
Purchaser: DCP MIDSTREAM, LP DCT 1.4.2009	Producing Formation MORROW
Designate Type of Completion	Elevation: Ground 3239' Kelley Bushing 3250'
X New Well Re-Entry Workover	Total Depth 6350' Plug Back Total Depth 6279'
X Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth setFeet
Dry Other(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from
If Workover/Reentry: Old Well Info as follows:	feet depth tow/sx cmt.
Operator:	Drilling Fluid Management Plan AH TVJ //-1209 (Data must be collected from the Reserve Pit)
Well Name:	
Original Comp. Date Original Total Depth	Chloride content 4000 ppm Fluid volume 1000 bbls
Deepening Re-perf Conv.to Enhr Conv.to SWD	Dewatering method used <u>EVAPORATION</u>
Plug Back Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No	Operator Name WEST SUNSET DISPOSAL, LLC
Dual Completion Docket No	Lease Name ROHER License No. 32462
Other (SWD or Enhr?) Docket No.	
7/6/09 7/12/09 8/21/09 Spud Date or Date Reached TD Completion Date or	QuarterSec36_Twp34_S R36_ East X West
Recompletion Date Recompletion Date	County STEVENS Docket No. D27649
Kansas 67202, within 120 days of the spud date, recompletion, workover on side two of this form will be held confidential for a period of 12 mor	th the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information in this if requested in writing and submitted with the form (see rule 82-3-107 for eologist well report shall be attached with this form. ALL CEMENTING TICKETS P-111 form with all temporarily abandoned wells.
	e 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	
Title <u>br. Operations assistant</u> Date 1	1000000000000000000000000000000000000
2011	Letter of Confidentiality Attached
20 09. 10 - (alseal)	Notary Public If Denied, Yes Date:
7	State of Oklahoma Geologist Report Received
Commission # U9	005487 Expires 07/06/13 UIC Distribution

Side Two

Operator Name EOG R	RESOURCES, II	NC.		Lease	e Nam	e <u>CENTRAL</u>	PLAINS	Well #	27 #	4
Sec. <u>27</u> Twp. <u>33</u>	* S.R. 39	Eas	t 🗓 West	Coun	ty <u>S</u>	TEVENS				
NSTRUCTIONS: Show in me tool open and closed ecovery, and flow rates if ogs surveyed. Attach final	, flowing and shu gas to surface d	t-in pressu uring test, a	res, whether s along with fina	hut-in pressu	re read	ched static lev	el, hydrostatic pre	ssures, botto	m hole t	emperature, fli
Drill Stem Tests Taken (Attach Additional Sh	neets)	X Yes	s 🗌 No	IX.	Log		Formation (Top),	Depth and D	atums	☐ Sample
Samples Sent to Geolog	ical Survey	X Yes	s 🔲 No	Nan	ne		Тор	Da	itum	
Cores Taken		☐ Ye	s 🗓 No							
Electric Log Run (Submit Copy)	\	✓ 🗓 Ye	s 🗆 No	SEE A	TTACH	HED LIST				
List All E.Logs Run:										
ARRAY COMPENSATED VOLUME PLOT, SPEC' NEUTRON, SPECTRAL	TRAL DENSITY	DUAL SP	ACED					RECEIV		
MICRO, MICROLOG, I	BOREHOLE SON	IC ARRAY	QUALITY					NOV 02	2003	
	Repor		NG RECORD set-conductor	New notes	_	sed ate, production		CC WIC	HITA	\
Purpose of String	Size Hole Drilled		Casing In O.D.)	Weight Lbs./Ft		Setting Depth	Type of Cement	# Sacks Used		ind Percent Additives
SURFACE	12 1/4	8 5/8		24#		1601'	MIDCON2PP	300	SEE /	ATTACHED
							PREMPLUS	180		
PRODUCTION	7 7/8	5 1/2	DDITIONAL C	15.5#	20115	6348'	50/50POZ PP	195	SEE /	ATTACHED
Purpose Perforate	Depth Top Bottom		of Cement	#Sacks U		EZE RECORD		rcent Additive	es	
Protect Casing Plug Back TD										
Plug Off Zone			•							
Shots Per Foot	PERFORAT Specify	TON RECO	RD - Bridge F Each Interval	Plugs Set/Typ Perforated	е	ł ·	re, Shot, Cement nt and Kind of Mat	• • • • • • • • • • • • • • • • • • • •	ord	Depth
4	6034 - 6103	•				FRAC W/2	8000 GAL SLIC	K WATER A	ND 6	034-6103
						20000# S	AND			
	CIBP 6050.									
4	5786 - 5790	•				ACIDIZE	W/200 GAL 7 1	/2% HCL	5	786-5790
TUBING RECORD	Size 2 7/8	Set 597		Packer At		Liner Run	☐ Yes 🗓			
Date of First, Resumed 8/21/09	Production, SV	VD or Enhr	. Produ	cing Method	Pı	umping G	as Lift	ner (Explain)	_	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate		Gas-Oil	Ratio		Gravity
	71		1501		0		21141		44	
DISPOSITION Vented X Sold		.ease	Open Hole	METHOD OF X Perf.		IPLETION ly Comp. 🔲 (Commingled	Produc 5786 -	tion Inter 5790'	val
(If vented, subm	it ACO-18.)		-] Other <i>(Spe</i>	cify)			¯			
		, –	_						_	

ACO-1 Completion Report										
Well Name : CENTRAL PLAINS 27 # 4										
FORMATION	TOP	DATUM								
CHASE	2496	754								
COUNCIL GROVE	2817	433								
NEVA	3075	175								
BASE OF HEEBNER	4073	-823								
MARMATON	4863	-1613								
CHEROKEE	5152	-1902								
MORROW	5690	-2440								
CHESTER	6190	-2940								
ST GENEVIEVE	6300	-3050								

CONFIDENTIAL

001 4 2963

KOO

RECEIVED NOV 0 2 2009 KCC WICHITA RECEIVED NOV 0 2 2009

HALLIBURTON

KCC WICHITA

Cementing Job Summary

					The	e Road t	o Ex	cellend	e Sta	rts w	rith S	afe	ty						
Sold To #:						: 273393	30		Quot	o #:					Sa	iles C	rder i	: 6767	969
Customer:	EOG	RESC	URCE	SINC	EBUS	SINESS		\ .	Cust	ome	r Rei	o: P	assi	g, Dale				Ţ	/2
Well Name							ell#	27#3	4			- · ·		APIA	IWI	#:		<u>></u>	2 Z
Field:	******		C	tv (S/	PI: H	UGOTO		Count	v/Pari	sh: S	Steve	ns		,	***************************************		Cansa	2	4 0/€
Contractor	: KF	NAI		7 (Rig/Plat							61_0	NAR.		100.	W3713Q1		47/23
Job Purpos			Surfa	ce Cas		, , , , , , , , , , , , , , , , , , , 		144110		. 00	#50	<u> </u>	10 1-0						102/
Well Type:						Job Typ		omont (Suefac	^ C=	cina								
Sales Pers						Sive Su						_		BUID			05000		13 T
Odies Feis	JII. L		1,300	EFI		DIVE SU								IBU ID I	ÇMÎ) #: Z	95022	<u> </u>	
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		t							pmen		L								<u> </u>
HES Unit #	Die	tance-	1 wav	HES	Unit #	Dieto	noa-	way		Unit	. # 1	Di-4	hana	. 4	Г	EQ II-	. 24.49	Distant	
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11005800		mile		1100		50 mile			1107			50 n					- 1		
11003000		THIC		1100	0094	30 mile			L			OU II	niie		יו	21216	8	50 mile	
D-4-	<u>ام</u>	1	== 1 =		 r				Hours										
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7-7-09	┼	8.5	-	1.0	`			Hou	18		Hour	8	- -			Н	OULS		Hours
TOTAL	╁	0.5		1.0	(0.0)	(S)(SMD)	31 ZV	n azekar.	Total in	***						4-4:			
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Formation D		(MID) h	Гор			Botto				Calle	rd Ou		-	07 - Jul		~	7ime 05:30		me Zone
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Perforation I		(MD)	rom			То					rted			07 - Jul			19:30		CST
		<u> </u>						Well	Data					000.		<u>~~</u>	10.00	<u> </u>	
Description	on	New /	M	ax	Size	ID	Weig			read		$\neg \tau$	Gra	de T	op N	in Te	ottom	Тор	Bottom
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			ps	ig								l			••		ft	ft	ft
Surface Hole						12.25											1606.		
Surface Cas	ing	Unknow	w	- 17	8.625	8.097	24	. [•		1606.	1	
		n				<u>_</u>		L_	-24							L_		<u> </u>	<u> </u>
							les/F	Rental/.	3" Pai	<u>ty (†</u>	(ES)			,					
OF 000		700-	1055		escrip	tion						_ _	Qty	Qty uoi	n	Depth		Supp	lier
SHOE,CSG,T													1	EA					
VLVASSY,IN					xs/fit							\perp	1	EA					
FILLUP ASSY						···							1	EA	\int				
CENTRALIZE													9	EA	$oldsymbol{\perp}$				
BASKET - CE													1	EA	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$				
PLUG,CMTG			WE,7.2	O MIN	8.09 M	Α						\perp	1	EA	$oxed{\Gamma}$				
KIT,HALL WE								·					1	EA					
CLAMP - LIM	П - 8-	5/8 - HI	NGED	*								T	1	EA	T				
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loat Shoe					Bric	ige Plug	L							om Plug	_				
loat Collar				<u> </u>	Ret	ainer		I				$\overline{}$		plug set			_		
nsert Float		ļ	· · · · · · · · · · · · · · · · · · ·	<u> </u>						- (2)			Plug	Contain					
Stage Tool		.i		.L <u>.</u> _	_ <u></u>		L	1			l		Cent	ralizers	T				

Cementing Job Summary

					Mis	cellan	eous Mat	erials						
Gelling	g Agt		C	onc	Surfacta			Conc	Acid	Туре		Qty	Con	c %
Treatm	ent Fld		C	onc	inhibitor			Conc		Type		Size	Qty	1
						Flu	id Data					·		
S	age/Plug	#: 1												
Fluid #	Stage	Гуре		Fluid I	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Flui Gal/sk		Total Fluid (
1	Lead Cer		MIDCO SBM (1	ON-2 CEMENT (5079)	PREMIUM I	PLUS -	300.0	sacks	11.4	2.96	18.14		18.	14
	3 %		CALCI	UM CHLORIDI	E - HI TEST I	PELLET	(1000050	53)	 -				<u> </u>	
	0.25 lbm		POLY-	E-FLAKE (101	216940)									-
	0.1 %		WG-17	7, 50 LB SK (10	00003623)									
	18.138 Ga	ad .	FRESH	WATER								,		
2	Tail Cem	ent	CMT - (10001)	PREMIUM PLI 2205)	US CEMENT		180.0	sacks	14.8	1.34	6.32		6.3	2
	94 lbm		CMT -	PREMIUM PLI	JS - CLASS	C REG	OR TYPE	III, BUL	K (1000122	(05)			<u> </u>	
	6.324 Ga		FRESH	WATER			·		· · ·			,		
	2 %		CALC	UM CHLORIDE	- HI TEST I	PELLET	(1000050	53)	·					
	0.25 lbm		POLY-	E-FLAKE (101:	216940)									
3	Displace		<u> </u>				100.00	bbl	8.33	.0	.0	.0		
	lculated			Pressu	res				V	olumes	 I		·	
	cement	99.6		ut in: instant		Lost R	eturns	NO	Cement SI	urry	201	Pad		
	Cement	SURFA				·····	t Returns	80	Actual Dis	placen	ent 97	Treatn	ent	7
Frac G	radient	L	15	Min	<u> </u>	Spacer		0	Load and	Breakdo)WII	Total J	lob	
<u> </u>							lates		·					
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	ent Left In Ring # 1 @			nt 44.73 ft Re			I=							
· rac r	ning r i C	1		Frac ting #.2			Frac Rin				Frac Ring	# 4 @	ID	<u> </u>
Th	e Inform	ation	Stated	d Hjegeingls	Correct	Custon	ner Represe	entative S	ignature	riz				
				Mar.						0				

RECEIVED NOV 0 2 2009

Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 348223 Ship To #: 2733930 Quote #: Sales Order #: 6767969 Customer: EOG RESOURCES INC EBUSINESS Customer Rep: Passig, Dale Well Name: Central Plains Well #: 27#X, 4 API/UWI #: Field: City (SAP): HUGOTON | County/Parish: Stevens State: Kansas Legal Description: _at: Long: Contractor: .KENAI Rig/Platform Name/Num: 55 #580-461-0844 Job Purpose: Cement Surface Casing **Ticket Amount:** Well Type: Development Well Job Type: Cement Surface Casing Sales Person: BLAKEY, JOSEPH Srvc Supervisor: LISH, DEREK MBU ID Emp #: 295022 Rate Pressure Volume **Activity Description** Date/Time Cht bbl/ pisq Comments bbl min Stage Total Tubing | Casing Call Out 07/07/2009 EOG CENTRAL 05:30 PLAINS 27#1 8 5/8 **SURFACE PIPE** Depart Yard Safety Meeting 07/07/2009 JOURNEY 07:20 MANAGEMENT MEETING WITH CREW Crew Leave Yard 07/07/2009 **REQUESTED ON** 07:30 **LOCATION @ 11:00** Arrive At Loc 07/07/2009 RIG PULLING DRILL 11:00 COMPIN PIPE Assessment Of Location 07/07/2009 MEET WITH Safety Meeting 11:05 PIST 4 4 2009 CUSTOMER, ASSESS **LOCATION WITH** CREW, SPOTTING MODE TRUCKS, RIG UP PROCEDURE. HAZARDS ON LOCATON Rig-Up Equipment 07/07/2009 SPOT TRUCKS, RIG 11:10 **UP HES LINES TO THE** Wait on Customer or 07/07/2009 RIG PULLING DRILL Customer Sub-Contractor 12:00 PIPE Equip Other 07/07/2009 **RIG RUN IN HOLE** 14:30 W/CASING Wait on Customer or 07/07/2009 RIG RUNNING LAST Customer Sub-Contractor 16:00 JOINTS OF CASING Equipm Casing on Bottom 07/07/2009 8 5/8 24# J-55 CSG 16:10 1605.97 FT (TP) RECEIVED (SJ-44.73 FT.) 12 1/4 HOLE 1606 FT NOV 0 2 2019 (TD) Drop Ball 07/07/2009 INSR FLOAT BALL 16:11 KCC WICHITA

Sold To #: 348223

Ship To #:2733930

Quote #:

Sales Order # :

6767969

SUMMIT Version:

7.20.130

Tuesday, July 07, 2009 06:40:00

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	1	iume bbi	1	sure sig	Comments
		#	l	Stage	Total	Tubing	Casing	
Rig-Up Equipment	07/07/2009 16:12							STAB HEAD, RIG UP
Circulate Well	07/07/2009 16:20							RIG CIRCULATE WELL THROUGH CEMENT HEAD
Pre-Job Safety Meeting	07/07/2009 16:40							WITH RIG AND HES CREWS, JOB OPERATIONS, JOB HAZARDS
Start Job	07/07/2009 16:53							CEMENT 8 5/8 SURFACE PIPE
Test Lines	07/07/2009 16:54							PRESSURE TEST HES PUMPS AND LINES TO 3000 PSI
Pump Lead Cement	07/07/2009 16:57		7.8	158			115.0	300 SKS MIXED @ 11.4 PPG.
Pump Tail Cement	07/07/2009 17:23		6	43			173.0	180 SKS MIXED @ 14.8 PPG.
Drop Top Plug	07/07/2009 17:30		COH	FIOS				8 5/8 HWE
Pump Displacement	07/07/2009 17:31		7 DC	T 1 4 7	009		520.0	FRESH WATER DISPLACEMENT (99.5 BBLS TOTAL)
Cement Returns to Surface	07/07/2009 17:35			WCC.				80 BBLS (152 SKS) CIRCULATED BACK TO SURFACE
Shutdown	07/07/2009 17:49							SHUT DOWN AT 90 BBLS CMT AWAY, WAIT 5 MINUTES
Stage Cement	07/07/2009 17:53		2	9.5			500.0	PUMP PLUG DOWN
Bump Plug	07/07/2009 17:54		2	99.5			500.0	500 PSI OVER
Check Floats	07/07/2009 17:59						1000. 0	FLOATS HELD, 1/2 BBLS FLOW BACK
End Job	07/07/2009 18:00							FULL RETURNS THROUGHOUT JOB
Pre-Rig Down Safety Meeting	07/07/2009 18:05							RIG DOWN PROCEDURE, HAZARDS ON LOCATION
Rig-Down Equipment	07/07/2009 18:10			₽E/	CEIVED			RIG DOWN HES EQUIPMENT
Depart Location Safety Meeting	07/07/2009 19:20			1	0 2 203	3		JOURNEY MANAGEMENT MEETING WITH CREW

KCC WICHITA

Sold To #: 348223

Ship To #:2733930

Quote # :

Sales Order #:

6767969

SUMMIT Version: 7.20.130

Tuesday, July 07, 2009 06:40:00

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bi	1	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Crew Leave Location	07/07/2009 19:30							THANK YOU FROM HALLIBURTON CREW

tu. 1 1 10

RECEIVED **POOS S 0 VCM KCC WICHITA**

Sold To #: 348223

Ship To #:2733930

Quote #:

Sales Order # :

6767969

SUMMIT Version: 7.20.130

Tuesday, July 07, 2009 06:40:00

Cementing Job Summary

					The	Road t	o Exc	ellenca	Starts	with S	afetv						
Sold To #:	3482	23		Ship '		27339			Quote				Sale	s Ord	er#-6	7770	933
Customer	: EOG	RESC	URCE								: HEIS	KELL, I			 U	. (`	,)
Well Name				****			iell #:		7	5721			UWI #:			_ `	<u> </u>
Field:	·- · · · · ·			ty (SAP): HU	IGOTO			Parieh	: Sewal				e: Kan	636	4	78
Contracto	r: KE	NAI								5 #58		ORAA	Dia	e. Nan	343		_{///~
Job Purpo			Produ	ction Ca					-	, HOC	0-101-		· · · ·				100
Well Type						loh Tvr	10: Ca	ment D	roductic	on Casia							
Sales Pen						Srvc Su											- 60
<u> </u>			1,303	LFII		NVC Su		ob Per			<u></u>	MBU ID	Emp x	2950	<u> </u>		
HES En	nn Nai	me	Exp Hrs	Emp	# 1	HEG	Emp N				- 4	LIEG	<u> </u>				
BROWN,			10.5	38132		LISH, DE			Exp I		p#	NALL, C	Emp N	ame		Hrs	Emp #
SCHROE			10.5	10582		VILLANI						NALL, C	HAD A	an ———	10.	5	426530
ALBERT D			10.5	10302		EDUAR[10.5	341	800					1	
				·I		<u> </u>		Equip	ment		Ł						
HES Unit	# Di	stance	1 way	HES U	nit #	Dista	nce-1		HES U	oit #	Dietano	e-1 way	LEG	Unit #		-4	4
10717477		mile		108978		50 mik			110065		0 mile	~ w ay		7051		ecano mile	ce-1 way
11074742	50	mile		112121	68	50 mik							+		1 30		
						1	-	lob !!			<u></u>		<u> </u>		L	-	
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ormation I	Name	1			(Z()	63									ma		ne Zone
ormation (Depth	(MD)	Ор		- 4. 4	Botto	m	•	c	lied Out			Date 13 - Jul - 2009		Time T 13:00		CST
orm Type				В	HST		1			Location			- 2009		19:00		CST
Job depth N	AD .		8350. ft	J.	ob Dej	pth TVD	,	6350.		b Starte			- 2009	1	02:38		CST
Nater Depti				W	k Ht A	Above F	loor	5. ft		b Comp			- 2009		:57	~~~	CST
Perforation	Depth	(MD) F	rom			To				parted I			- 2009		:30		CST
								Well C		·							
Descripti	ion	New /	Ma	x S	Ze	ID	Weigh	rt	Threa	ad	Gr	ade 1	op MD	Bott	om 1	Гор	Botton
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Surface Cas	ino	Used	 	86	325	8.097	24.							1 455	_ _		
					<u>/2</u> 5_1_			ental/3"	Domi	/UEC)				160	7.		<u></u>
· · · · · · · · · · · · · · · · · · ·				Des	criptic	on <u>58</u>	IGSINE	IIIAVS	Party	(UE9)	Qty	Qty uo		_A_ T			
LR,FLT,5-1	/2 8RC	0.14-23	PPF.2-3						-		1	EA	m De	pth		Supp	lier
HOE,FLOA					AI.						1 1	EA					
ENTRALIZE											30	EA					
IT,HALL WI											1 1	EA					
LAMP - LIM			NGED -					·				4					
LUG,CMTG					4 40						4	EA					
			IV		7.70							EA					····
	Simo	Qty	Matal	Donet				and Ac	<u> </u>		<u>,</u>			-			
Type	3120	- City	make	Depth	+	уре	Size	Qty	Mak	e Dep		Туре		Size	Qt	Y	Make
Type	1	1		—	Pack	er ye Plug		<u> </u>				Plug					
uide Shoe	 -	† <u> </u>	1				i	i	1	ţ	Ratt	om Plug	. 1			T	
iuide Shoe Ioat Shoe										 -							
iuide Shoe loat Shoe loat Collar					Retai			ļ <u>.</u>			SSR	plug se	t				
iuide Shoe Ioat Shoe											SSR Plug		t				

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Cementing Job Summary

				Mis	cellane	ous Ma	terials			 			···	····
Gellin			Conc	Surfactar			Conc		Acid	Туре		Qty	Con	c %
Treatn	nent Fld		Conc	Inhibitor			Conc		Sano	Туре		Size	Qty	
					Flu	id Data								
	tage/Plug													
Fluid #	Stage T	уре	Fluid	Name		Qty	Qty uom	Mix Den (bm.	sity	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Fluid (
1	Primary C	ement	POZ PREMIUM PLU (14239)	S 50/50 - SB	M	195.0	sacks			1.68	8.09	,	8.0	9
	6%		CAL-SEAL 60, 50 LE	BAG (10121	7146)	<u> </u>		•				·		
	10 %		SALT, 100 LB BAG (100003652)				,			· · · · · · · · · · · · · · · · · · ·			
	2 lbm		PRESSUR-SEAL LC	M, 40 LB (10	1204356	3)				 				
	0.6 %		HALAD(R)-344, 50 L	B (10000367	0)									
	0.5 %	·	D-AIR 3000 (101007	446)										
.	8.087 Gal		FRESH WATER						,					-
	0.1 %		WG-17, 50 LB SK (1	00003623)		,	~		•					
2	Displacer	nent				150.00	bbl	8.3	33	.0	.0	.0		
	167 lbm/Mg	al	POTASSIUM CHLOF	RIDE 7% (100	0001585)					· · · · · · · · · · · · · · · · · · ·	•	·	
0	.3311 lbm/t	obl _	SUGAR - GRANULA	TED, 10 LB	BAG (10	1507884))							
	Mouse 20 and Rat Ho 30sks		POZ PREMIUM PLU (14239)	S 50/50 - SB	M	50.0	sacks	13.	.5	1.68	8.09		8.0	9
	6 %		CAL-SEAL 60, 50 LB	BAG (10121	7146			WIL.			.,			
	10 %	•	SALT, 100 LB BAG (100003652)		7CT * 4								
	2 lbm		PRESSUR-SEAL LC	M, 40 LB (10	1204356	3)-1 X G	7002		•					
	0.6 %		HALAD(R)-344, 50 L	B (10000367	0)									
	0.5 %		D-AIR 3000 (101007-	446)		:KC(ر							
	8.087 Gal		FRESH WATER											
	0.1 %		WG-17, 50 LB SK (10	00003623)										
	iculated '			res					V	olumes				
	cement	150			Lost Re	tums	NO	Ceme			58	Pad		
	Cement	4813				t Returns				splacem		Treatm		6
Frac G	radient		15 Min	<u>L</u>	Spacer		0	Load	and l	Breakdo	wn	Total J	ob	
			- 			ates		· · · · · ·		····-		· · · · · · · · · · · · · · · · · · ·		
	lating	Di	Mixing	6		Displac	ement	<u> </u>	9	l.	Avg. Jo	ob	7.5	
	ent Left In Ring #1@			ason Shoe			_ # 0 0		I .=		- <u> </u>		I	· · · · · · · ·
			Stated Herein Is		Custon	Frac Rin er Represe		Signatu	رچ ا	<u></u>	Frac Ring	#4@	ID	<u> </u>

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Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 348223 Ship To #: 2733930 Quote #: Sales Order #: 6777933 Customer: EOG RESOURCES INC EBUSINESS Customer Rep: HEISKELL, PRESTON Well #: 27 #) 4 · Well Name: Central Plains API/UWI #: Field: City (SAP): HUGOTON County/Parish: Seward STEVERUS State: Kansas egal Description: Long: Contractor: .KENAI Rig/Platform Name/Num: 55 #580-461-0844 Job Purpose: Cement Production Casing **Ticket Amount:** Well Type: Development Well Job Type: Cement Production Casing Sales Person: BLAKEY, JOSEPH Srvc Supervisor: LISH, DEREK MBU ID Emp #: 295022 Rate **Pressure** Volume **Activity Description** Date/Time Cht bbV psig Comments bbi min Stage Total Tubing Casing Call Out 07/13/2009 EOG CENTRAL 13:00 **PLAINS 27#1** 5 1/2 PRODUCTION **Depart Yard Safety Meeting** 07/13/2009 JOURNEY 14:50 MANAGEMENT Crew Ceave Yard MEETING WITH CREW 07/13/2009 F.E REQUESTED ON 1 .. 1 2708 15:00 **LOCATION @ 18:00 CREW REQUESTED ON LOCATION @ 19:00** Arrive At Loc 07/13/2009 SUPERVISOR ON 18:00 LOCATION WITH F.E. RIG PULLING DRILL PIPE Arrive At Loc 07/13/2009 HES CREW ARRIVE AT 18:45 LOCATION Assessment Of Location 07/13/2009 **MEET WITH** Safety Meeting 19:00 CUSTOMER, ASSESS **LOCATION WITH** CREW, SPOTTING TRUCKS, RIG UP PROCEDURE. HAZARDS ON LOCATION Rig-Up Equipment 07/13/2009 SPOT TRUCKS, RIG 19:30 **UP HES LINES TO THE** RIG Rig-Up Completed 07/13/2009 **GROUND RIG-UP** 20:25 COMPLETED Wait on Customer or 07/13/2009 **CASING CREW Customer Sub-Contractor** 20:30 RIGGING UP, WAIT Equip ON CASING Other 07/13/2009 **RIG START IN HOLE** 21:30 WITH CASING Wait on Customer or 07/14/2009 PRIME PUMPS. RIG Customer Sub-Contractor 01:30 **RUNNING LAST FEW** Equipm JOINTS CSG.

Sold To #: 348223

Ship To #:2733930

Quote #:

6777933

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Tuesday, July 14, 2009 04:43:00

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Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		iume obi	1	ssure sig	Comments
		#		Stage	Total	Tubing	Casing	
Casing on Bottom	07/14/2009 01:40		·					5 1/2 15.50 J-55 CSG 6354.90 FT. (TP) (SJ-43.68) HOLE SIZE 7 7/8 W/ 20% EX
Rig-Up Equipment	07/14/2009 01:45							STAB HEAD, RIG UP FLOOR
Circulate Well	07/14/2009 02:00				į			RIG CIRCULATE THROUGH CEMENT HEAD
Pre-Job Safety Meeting	07/14/2009 02:25							WITH RIG AND HES CREWS, JOB OPERATIONS, JOB HAZARDS
Start Job	07/14/2009 02:38							CEMENT 5 1/2 PRODUCTION
Test Lines CONFIDENTIAL	07/14/2009 02:39							PRESSURE TEST HES PUMPS AND LINES TO 3000 PSI
Pump Cement / ^ 109	07/14/2009 02:41		1	6			30.0	FILL MOUSE HOLE, 20 SKS MIXED @ 13.5 PPG.
Pump Cement No. 10	07/14/2009 03:02		1	9			30.0	FILL RAT HOLE, 30 SKS MIXED @ 13.5 PPG
Pump Tail Cement	07/14/2009 03:12		5.7	58			198.0	195 SKS MIXED @ 13.5 PPG.
Comment	07/14/2009 03:14							DOWNHOLE DENSOMETER WAS NOT OPERATING PROPERLY DURING JOB
Clean Lines	07/14/2009 03:24							CLEAN HES PUMPS
Drop Top Plug	07/14/2009 03:31							AND LINES TO THE PIT 5 1/2 HWE
Pump Displacement	07/14/2009 03:33		9	140			1530. 0	7% POTASSIUM CHLORIDE DISPLACEMENT (150 BBLS TOTAL) (10 LBS SUGAR FIRST 50 BBLS)
Displ Reached Cmnt	07/14/2009 03:40		9	55				CAUGHT CEMENT AT 55 BBLS AWAY

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Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbV min	Volu	um e	i .	sure sig	Comments
	1.	#		Stage	Total	Tubing	Casing	1
Other	07/14/2009 03:50		2	10			1000. 0	SLOW RATE TO BUMP PLUG
Bump Plug	07/14/2009 03:55		2	150			1090. 0	500 PSI OVER
Check Floats	07/14/2009 03:56						1600. 0	FLOATS HELD, 1 BBL FLOWBACK
End Job	07/14/2009 03:57							GOOD RETURNS THROUGH OUT JOB
Pre-Rig Down Safety Meeting	07/14/2009 04:00							WITH HES CREW, RIG DOWN PROCEDURE, HAZARDS ON LOCATION
Rig-Down Equipment	07/14/2009 04:10			DMEIL	ರ್ಷಗಾಖ	3 2		RIG DOWN EQUIPMENT
Depart Location Safety Meeting	07/14/2009 05:20			nct 1		-\C.		JOURNEY MANAGEMENT MEETING WITH CREW
Crew Leave Location	07/14/2009 05:30			MO	O			THANK YOU FROM HALLIBURTON CREW

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