OIL & GAS CONSERVATION DIVISION

12/4/08 September 1999
ORIGINAL Form must be Typed

KCC WICHITA

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5278	API NO. 15- 189-22541-0000
Name: EOG Resources, Inc.	County STEVENS
Address 3817 NW Expressway, Suite 500	W/2 - SW - SE - SW Sec. 34 Twp. 32 S. R. 39 EXW
City/State/Zip Oklahoma City, Oklahoma 73112	330 Feet from N (circle one) Line of Section
Purchaser: <u>N/A</u>	1500 Feet from Ew(circle one) Line of Section
Operator Contact Person: MINDY BLACK	Footages Calculated from Nearest Outside Section Corner:
Phone (405) 3130	(circle one) NE SE NW SW
Contractor: Name: ABERCROMBIE RID, INC.	Lease Name SAMUEL Well # 34 #1
License: 30684 DEC 0 4 2002	Field Name
Wellsite Geologist:	Producing Formation N/A
Designate Type of Completion	Elevation: Ground 3234 Kelley Bushing 3246
x New Well Re-Entry Workover	Total Depth 6150 Plug Back Total Depth 6056
V. T	Amount of Surface Pipe Set and Cemented at Feet
OilSIOWXTemp. Abd.	Multiple Stage Cementing Collar Used? Yes X No
Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc.)	If yes, show depth setFeet
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 AHI PANUS-21-0
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 <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 NameLicense No
8/12/06 8/25/06 9/11/06	Quarter Sec Twp S R E
Spud Date or Date Reached TD Completion Date or Recompletion Date	County Docket No
INSTRUCTIONS: An original and two copies of this form shall be filed to	with the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita,
Kansas 67202, within 120 days of the spud date, recompletion, we	orkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Priod of 12 months if requested in writing and submitted with the form (see rule
CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form wi	Il wireline logs and geologist well report shall be attached with this form. ALL ith all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to re herein are complete and correct to the best of my knowledge.	gulate the oil and gas industry have been fully complied with and the statements
Signature Mindy Black	KCC Office Use ONLY
Title OPERATIONS ASSISTANT Date 1	• • • • • • • • • • • • • • • • • • •
Subscribed and sworn to before me this 4Th day of DECE	If Denied, Yes Date:
20 <u>06</u> HEATH	Wireline Log Received Geologist Report Received RECEIVE
Notary Public Value Value Ciev	Geologist Report Received County UIC Distribution
Data Commission Evering 4-26-08 Will State	Public in and for School Distribution

Commission # 04003796 Expires 4/26/08

Sec. 34 Twp. 32	2 S.R. 39	☐ East	X Wes	Cou t	nty _	STEVENS				49
	<u> </u>	. -	1251						4.1	٦
INSTRUCTIONS: Shot tested, time tool open temperature, fluid recibilities Electric Wireline Logs s	and closed, flow overy, and flow	ving and shut- rates if gas	in pressure to surfac	es, whether : e during te:	shut-ir	pressure read	ched static level. I	hvdrostatic	pressures.	bottom t
Orill Stem Tests Taken (Attach Additional S	heets.)	X Yes	∏ No	[Log	· · · · · · · · · · · · · · · · · · ·	Formation (Top),	Depth and [Datums	☐ Sar
Samples Sent to Geolog	gical Survey	Yes	X No	Na	ame		Тор	Da	atum	
Cores Taken		Yes	X No							
Electric Log Run (Submit Copy.)		X Yes	☐ No	SEE 2	ATTAC	HED SHEET				
ist All E.Logs Run:										
MICROLOG, DENSITY N/MICRO, WAVESONIO	NEUTRON, DE C, RESISTIVI	NSITY NEUI	RON S		t _i	•				
	Repor		RECORD		X U	sed liate, productio	n, etc.		- 2/4	
urpose of String	Size Hole Drilled	Size Cas Set (In C		Weight Lbs./Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Additi	
SURFACE	12 1/4	8 5/8		24#		1661'	MIDCON PP	300 SEE		T TIX
							PREM PLUS	180	SEE OM	T TIX
RODUCTION	7 7/8	4 1/2 ADD	ITIONAL C	10.5#	SOLIE	6095' EZE RECORD	50/50POZ PP	110	SEE OM	IT TIX
Purpose	Depth Top Bottom		Cement	#Sacks		T TOOK	Type and Pe	rcent Additiv	/es	
Perforate Protect Casing	Top Bottom									
Plug Back TD Plug Off Zone								 _		
Shots Per Foot	PERFORATION	RECORD - Br	idge Plugs	Set/Type			re, Shot, Cement S			
		age of Each In	terval Perio	orated		(Amount and	l Kind of Material U	sed)	D	epth
1	5630'-5640'					NONE				
UBING RECORD	Size	Set At		Packer At		Liner Run				
oto of First Day			Τ			Liner Itun	Yes X	No		
ite of First, Resumed I	Production, SW	D or Enhr.	Produc	ing Method Flowing	□P	umping [] Ga	as Lift Othe	r (Explain)		
stimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bbls.	Gas-Oil R	atio	G	Gravity
position of Gas:	METHOD O	F COMPLETION	NC NC				Production Interva			
Vented Sold	Used on Le	ase [Open Ho	ole Perfo	ration	Dually Co	omp. Comming			
(If vented, submit A	CO-18.)		Other (S			IS PENDING	_	···	··· 4	

	0-1										
Well Name : Samuel 34 #1											
FORMATION	TOP	DATUM									
BASE OF HEEBNER	3987	-741									
LANSING	4091	-845									
CHEROKEE	5016	-1770									
ATOKA	5420	-2174									
MORROW	5560	-2314									
CHESTER	6007	-2761									
		_									
	<u> </u>										
	1										
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DEC 0 7 2006
KCC WICHITA

Cementing Job Summary

				1110	11044 11				<u> </u>	n Sai	ety					
Sold To #: 3				Го #:	251391	16		Quot						Orde	r #: 456	3624
Customer: E	OG RES	OURCE	SINC					Cust	omer	Rep:	NUTT	ER, HE	RB			
Well Name:	SAMUEL				W	ell #:	34#1					API/L	IWI #:		*	
Field:	,	Ci	ty (SAP): UN	KNOW	N	County	/Pari	sh: St	evens			State	: Kans	as	
Contractor:	ABERCI						Name/						I		-	
Job Purpos																
Well Type: [oh Typ	a. C	ementin									
Sales Perso							isor: W		HIDE		84	BU ID E	Emn #:	1058	11	
Sales Persu	II. DLAN	E1, 300) <u></u>		MERSHE	•	1501. V	VIL 1 0	· · · · · · · · · · · · · · · · · · ·		141		-mp π.	1930		
							Job Per	rsonn	iel							
HES Emp	Name	Exp Hr	s Emp				Name		p Hrs	Emp			Emp Na		Exp Hr	· · · · · · · · · · · · · · · · · · ·
LOPEZ, CAF	RLOS	9.5	32197	5 C	DLDS, R	OYCE	ΞE	9.	5	30619	6 S	CHAWC	D, TIMO	THY	9.5	391007
WILTSHIRE MERSHEK T		9.5	19581	1												
			-l -				Equip	ment	<u> </u>						- k	- t
HES Unit #	Distance	e-1 wav	HES U	nit#	Dista	nce-1			Unit #	Di	stance	-1 way	HES	Unit #	Dista	nce-1 way
10240236	50 mile		102402		50 mile				1403C		mile		10547		50 mil	
54225	50 mile		6611U		50 mile					 		 -				
04220	00 111110		00710	1	00 111110		Job H	loure					L		J	
Date	On Loca	tion C	perating	. т	Date		On Loca		,	rating		Date		n Locat	ion (perating
Date	Hour	ı ı	Hours	'	Date	`	Hour			ours		Date	. 0	Hours		Hours
TOTAL							T	otal is	the su	m of e	ach co	lumn se				
			Job										b Tim	. ,	. <u>• 20</u>	<u>. 124 - 61 - 1</u>
Formation Na	me											Da		Tir		ime Zone
Formation De	pth (MD)	Тор			Botto	m			Called	Out		13 - Aug				CST
Form Type				HST					On Lo			13 - Aug				CST
Job depth MC)	1700. ft			pth TVD		1700		Job St			14 - Aug				CST
Water Depth			W	k Ht A	Above F	loor	5.1		Job C			14 - Aug				CST
Perforation D	epth (MD	From			То				Depar	ted Lo	KC	14 - Aug	- 2006	08:	00	CST
							Well	Data								
Description	n New	I		ize	ID	Weig	ht	Th	read		Gra	de To	op MD	Botto		
	Use		. 1	n	in	lbm/	/ft						ft	MD	1	1
		ps	ig		40.05									ft	ft	ft
Surface Hole		_			12.25	24							•	1700		
Surface Casin	ng Use	a	0.0	525	8.097	24.	tental/3	rd Da	-4 /ESE	-61	L		*	1700	·	<u> </u>
					. 5a	IES/R	entan 3	rai	IIV IME	-51			·			
 			D						· · · · · ·		<u></u>	04:		-46-		plier
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		Q_5/0 0I		cripti	on						1	EA	m De	pth	Sup	
CLR,FLT,TRO	PHY SEA			cription	on						1	EA EA	m De	pth	Sup	
SHOE,GID,8-5 CLR,FLT,TRO AUTOFILL KIT	PHY SEA	SEAL	RD	criptio	on						1 1 1	EA EA	m De	pth	Sup	
CLR,FLT,TRO AUTOFILL KIT CENTRALIZER	PHY SEA TROPHY R ASSY - R	SEAL 3-5/8 CS	RD G	cription	on						1 1 1 1 12	EA EA EA	m De	pth	Sup	
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8	PHY SEA TTROPHY R ASSY - F FRICT, W	SEAL 3-5/8 CSG TH DOG	RD G	cription	on			,			1 1 1 12 1	EA EA EA EA	m De	pth	Sup	
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTO	PHY SEA T,TROPHY R ASSY - F FRICT,W N WELD-A	SEAL 3-5/8 CSG TH DOG KIT	RD G S	cription	on			,			1 1 1 12 1 1	EA EA EA EA EA	m De	pth	Sup	
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOF BASKET - CEN	PHY SEAL TTROPHY R ASSY - R FRICT,W N WELD-A MENT - 8	SEAL 3-5/8 CS0 TH DOG KIT 5/8 CSG	RD G S X 12 1/4					,			1 1 1 12 1 1	EA EA EA EA EA EA	m De	pth	Sup	
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOF BASKET - CEN	PHY SEAL TTROPHY R ASSY - R FRICT,W N WELD-A MENT - 8	SEAL 3-5/8 CS0 TH DOG KIT 5/8 CSG	RD G S X 12 1/4		Α			,			1 1 1 12 1 1	EA EA EA EA EA	m De	pth	Sup	
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOI BASKET - CEI PLUG,CMTG,T	PHY SEAI T,TROPHY R ASSY - I ,FRICT,W N WELD-A MENT - 8 TOP,8 5/8	SEAL 3-5/8 CSG TH DOG KIT 5/8 CSG HWE,7.2	RD S S X 12 1/4 20 MIN/8	09 MA	4	Tools	s and A	cces	sories		1 1 1 12 1 1 1	EA EA EA EA EA EA				
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOF BASKET - CEN PLUG,CMTG,T	PHY SEAL TTROPHY R ASSY - R FRICT,W N WELD-A MENT - 8	SEAL 3-5/8 CSG TH DOG KIT 5/8 CSG HWE,7.2	RD S S X 12 1/4 20 MIN/8	09 MA	Ą Type			cces	sories		1 1 1 1 1 1 1 1	EA EA EA EA EA EA		pth Size	Qty	Make
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOF BASKET - CEN PLUG,CMTG,T Type Suide Shoe	PHY SEAI T,TROPHY R ASSY - I ,FRICT,W N WELD-A MENT - 8 TOP,8 5/8	SEAL 3-5/8 CSG TH DOG KIT 5/8 CSG HWE,7.2	RD S S X 12 1/4 20 MIN/8	09 MA	Ype	Tools		cces	sories		1 1 1 12 1 1 1 1	EA	S			Make
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOF BASKET - CEN PLUG,CMTG,T Type Suide Shoe Float Shoe	PHY SEAI T,TROPHY R ASSY - I ,FRICT,W N WELD-A MENT - 8 TOP,8 5/8	SEAL 3-5/8 CSG TH DOG KIT 5/8 CSG HWE,7.2	RD S S X 12 1/4 20 MIN/8	09 MA	ype ker ge Plug	Tools		cces	sories		1 1 1 1 1 1 1 1 Top	EA E	S	iize	Qty	
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOF BASKET - CEN PLUG,CMTG,T Type Suide Shoe Float Shoe Float Collar	PHY SEAI T,TROPHY R ASSY - I ,FRICT,W N WELD-A MENT - 8 TOP,8 5/8	SEAL 3-5/8 CSG TH DOG KIT 5/8 CSG HWE,7.2	RD S S X 12 1/4 20 MIN/8	09 MA	ype ker ge Plug	Tools		cces	sories		1 1 1 1 1 1 1 Top Botte SSR	EA EA EA EA EA EA EA EA Display	S	iize		
CLR,FLT,TRO AUTOFILL KIT CENTRALIZEF CLP,LIM,8 5/8 HALLIBURTOF BASKET - CEF PLUG,CMTG,T Type Suide Shoe Float Shoe	PHY SEAI T,TROPHY R ASSY - I ,FRICT,W N WELD-A MENT - 8 TOP,8 5/8	SEAL 3-5/8 CSG TH DOG KIT 5/8 CSG HWE,7.2	RD S S X 12 1/4 20 MIN/8	09 MA	ype ker ge Plug	Tools		cces	sories		1 1 1 1 1 1 1 1 1 1 Top Botto SSR Plug	EA E	S	Size	Qty	E D

Cementing Job Summary

Gellin	g Agt		Conc	Surfactant			Conc	Acid	Туре		Qty	Conc	: %
reatn	nent Fld		Conc	Inhibitor			Conc	Sand	1 Туре		Size	Qty	
					Flui	d Data							
SI	age/Plug #	t: 1											
Fluid #	Stage Ty	/pe	Flui	d Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Fluid G	
1	Lead Cem	SB	M (15079)	NT PREMIUM PL		300.0	sacks	11.4	2.96	18.16		18.1	6
	3 %	CA	ALCIUM CHLOR	IDE - HI TEST PE	ELLET	(1000050)53)				· · · · · · · · · · · · · · · · · · ·		
	0.125 lbm		DLY-E-FLAKE (1										
	0.1 %		G-17, 50 LB SK						 				
	18,163 Gal	FF	RESH-WATER	را مراس راهم را مناجبير بعيد					-			· · · · · · · · · · · · · · · · · · ·	
2	Tail Ceme		NT - PREMIUM 0012205)	PLUS CEMENT		180.0	sacks	14.8	1.35	6.35		6.3	5
	6.345 Gal		RESH WATER										
	2 %	CA	LCIUM CHLOR	IDE - HI TEST PE	ELLET	(1000050)53)						
	0.125 lbm	PC	DLY-E-FLAKE (1	01216940)									
3	Displacem	ent				0.00	bbl	8.33	.0	.0	.0		
Ca	Iculated V	alues	Press	sures			4	٧	olumes	}			
Displa	cement		Shut In: Instai	nt Lo	ost Re	turns		Cement S			Pad		
op O	f Cement		5 Min	C	emen	Returns		Actual Di	splacen	nent	Treatn	nent	
rac G	radient		15 Min		pacer		<u> </u>	Load and	Breakd		Total	Job	
		1	<u> </u>	<u>, interpolitic f</u>	R	ates			11.				
	lating		Mixing			Displac	ement	<u> </u>	_	Avg. J	ob		
	ent Left In I			Reason Shoe Jo				, ,					
Frac F	Ring # 1 @	ID	Frac ring			Frac Ring				Frac Ring	#4@	ID	<u> </u>
Tł	ne Informa	tion St	ated Herein I	s Correct	Custom	er Represer	ntative Si	gnature	He			4-2-4	

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KCC WICHITA



Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2513	3916	Quote #:	Sales Order #: 4563624
Customer: EOG RESOUR	RCES INC		Customer Rep: N	UTTER, HERB
Well Name: SAMUEL		Well #: 34#	1	API/UWI #:
Field:	City (SAP): UNKNO	WN County	//Parish: Stevens	State: Kansas
Legal Description:				
Lat:			Long:	
Contractor: ABERCROMI	BIE Rig/P	latform Name	e/Num: 2	
Job Purpose: Cement Su	rface Casing			Ticket Amount: \$ 21,182.1
Well Type: Development		ype: Cement	ing	
Sales Person: BLAKEY, J		Supervisor: V SHEK	VILTSHIRE,	MBU ID Emp #: 195811

Activity Description	Date/Time	Cht	Rate bbl/ min	bbl		Pressure psig		Comments
		#		Stage	Total	Tubing	Casing	
Call Out	08/13/2006 19:00							
Arrive At Loc	08/13/2006 22:30							
Pre-Job Safety Meeting	08/13/2006 22:45							
Start Job	08/14/2006 05:35							
Test Lines	08/14/2006 05:35						2000. 0	
Pump Lead Cement	08/14/2006 05:41		5		158		160.0	300 SKS MIDCON II PP @ 11.4#
Pump Tail Cement	08/14/2006 06:09		5		43		94.0	180 SKS PREM PLUS @ 14.8#
Drop Top Plug	08/14/2006 06:35		5		201		100.0	END CEMENT
Pump Displacement	08/14/2006 06:36		3		103		70.0	FRESHWATER
Displ Reached Cmnt	08/14/2006 06:42		6		30		100.0	
Stage Cement	08/14/2006 06:54		2		83		390.0	
Other	08/14/2006 07:23						580.0	PRESSURE BEFORE LANDING PLUG
Bump Plug	08/14/2006 07:23		1		103		1100. 0	FLOAT HELD
End Job	08/14/2006 07:24							
Other	08/14/2006 07:30				30			30 BBLS OF CEMENT CIRCULATED TO PIT

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Sold To #: 7.10.386

Ship To #:

Quote #:

Salepproder # 2006

SUMMIT Version:

Monday, August 14, 2006 07:39:00

KCC WICHITA



Summit Version: 7.10.386

2005 VTIAL

Cementing Job Summary

The Road to Excellence Starts with Safety

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Sold To #:	30212	22			o#: 25				uote #:		<u> </u>		Sales	Orde	#: 4587	915
Customer:			URCE			· · · · ·			ustome	r Rec	: Boga	rd. Bo				· · · · · · · · · · · · · · · · · · ·
Well Name						Wel	I #: 3			·		API/U	WI #:			
Field:			Cit	ty (SAP)	: UNKN				arish: S	Steve	ns	<u> </u>		: Kans	as	
Contractor	· ARF	-RCRC							ım: 22			• • • • • • • • • • • • • • • • • • • •	Jotato	. 1 (0110		
Job Purpo						latic		411107140	2 2	,						
Well Type:						Type	Cem	ent Pro	duction	Casi						
Sales Pers									PHANT,			/BU ID E	Emp #:	24304	55	
Sales Fels	OII. L		1, 503) L F11	1	STER		A. OLI	FIIZIVI,	•	"		ιιρ π.	2430	,,	
<u> </u>						.O I LI		b Perso	nnel							
HES Em	n Nan	ne F	Eyn Hrs	Emp	¥ 1	IES Er			Exp Hrs	Fm	р#	HFS F	mp Na	me	Exp Hrs	Emp#
ARCHULE			7.0	22638				MY W	7.0	299		OLIPHAN			7.0	243055
MIGUEL A	,					,						C				
				_	<i>r</i>		E	quipm	ent							
HES Unit #	Dis	tance-1	way	HES Ur	it# C	istand	:e-1 w	ay H	ES Unit	# [Distanc	e-1 way	HES	Unit #	Distan	ce-1 way
10589601	50 (mile		107043	10 50	mile		54	1029		0 mile		77031		50 mile	
D0127	50 1	mile														
								Job Ho	urs							-
Date	On	Locatio	on O	perating	Da	ite		Locatio		eratir	ia T	Date	Or	Locat	ion O	perating
	1 -	Hours		Hours	-			Hours		Hours	_			Hours		Hours
						·····										
TOTAL								Tota	al is the s	um oi	each c	olumn sej	parately	,		
				Job	year and the	1111					1	Jo	b Tim	es		
Formation N	ame											Da		Tin		me Zone
Formation D	epth ((MD) T	ор			Bottom			Calle	d Ou	t	24 - Aug		19:		CST
Form Type					IST					ocati		24 - Aug		22:		CST
Job depth N		6	150. ft		b Depth			6150. ft	-	Starte		25 - Aug		02:		CST
Water Depth				W	Ht Abo		or	4. ft			leted	25 - Aug		03:		CST
Perforation	Depth	(MD)F	rom			<u>'o</u>				rted	Loc	25 - Aug	- 2006	05:	00	CST
								Well Da			· · · · · · · · · · · · · · · · · · ·			,		
Descripti	on	New /	1				eight.		Thread		Gr	ade To	op MD	Botto		Botton
	ŀ	Used	press	· · · ·	ı i	יון י	bm/ft						ft	MD ft	TVD ft	TVD
Production F	iole		psi	9	7.8	75							1700.	6150		11
Production	IOIE		 -	4.			40 E	<u> </u>					1700.	0130		
Casing		Used		1 4	3 I 4 U	:1/	เบล	1			J-	55		6150	1	1
		Used		4.	5 4.0	52	10.5				J-	55	•	6150	•	1
Surface Cas	ing	Used		8.6		97	24.				J-	55	•	6150 1700		
	ing			8.6		97	24.	ntal/3 rd	Party (F	IES)	J-	55	•			
Surface Cas		Used		8.6		97	24.	ntal/3 rd	Party (F	IES)	Qty	Qty uor	n De	1700		olier
Surface Cas	T- 4-1/	Used /2 8RD	- 2-3/4	8.6 Description	25 8.0	97	24.	ntal/3 rd	Party (ŀ	IES)		Qty uor	n De	1700		olier
Surface Cas SHOE-FLOA COLLAR-FLO	T- 4-1/ DAT- 4	Used /2 8RD -1/2 8R	- 2-3/4 RD 9.5-1	Desc SUPER 13.5#/FT	25 8.0	97	24.	ntal/3 rd (Party (H	IES)	Qty	Qty uor	n De	1700		lier
Surface Cas SHOE-FLOA COLLAR-FLO CTRZR ASS	T- 4-1/ DAT- 4 Y,TUR	Used /2 8RD -1/2 8R BO,API	- 2-3/4 RD 9.5-1 ,4 1/2 (Desc SUPER 13.5#/FT CSG X 7	25 8.0	97	24.	ntal/3 rd (Party (ŀ	IES)	Qty	Qty uor EA EA	n De	1700		lier
SHOE-FLOA COLLAR-FLO CTRZR ASS' CLAMP-LIMI	T- 4-1/ DAT- 4 Y,TUR T-4 1/2	Used /2 8RD -1/2 8R BO,API 2-FRICT	- 2-3/4 RD 9.5-1 ,4 1/2 Ω	Desc SUPER 13.5#/FT CSG X 7	25 8.0	97	24.	ntal/3 rd (Party (H	IES)	Qty	Qty uor EA EA EA	n De	1700		olier
SHOE-FLOA COLLAR-FLO CTRZR ASS CLAMP-LIMI HALLIBURTO	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD -1/2 8R BO,API 2-FRICT	- 2-3/4 RD 9.5-1 ,4 1/2 (I-W/DC	Desc SUPER 3.5#/FT CSG X 7	25 8.0 cription	97	24.	ntal/3 rd	Party (ŀ	IES)	Qty 1 1 10 1 1 1	Qty uor EA EA EA EA	n Dep	1700		blier
SHOE-FLOA COLLAR-FLO CTRZR ASS CLAMP-LIMI HALLIBURTO	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD -1/2 8R BO,API 2-FRICT	- 2-3/4 RD 9.5-1 ,4 1/2 (I-W/DC	Desc SUPER 3.5#/FT CSG X 7	25 8.0 cription - 7/8	97 Sale	24. s/Rer				Qty 1 1 10 1	Qty uor EA EA EA	m Der	1700		lier
SHOE-FLOA COLLAR-FLO CTRZR ASS' CLAMP-LIMI HALLIBURTO PLUG,CMTG	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD 1/2 8R BO,API 2-FRICT ELD-A K 4 1/2,H	- 2-3/4 RD 9.5-1 ,4 1/2 (F-W/DC (IT WE,3.6	Desc SUPER 13.5#/FT CSG X 7 DGS	25 8.0 cription 7/8	97 Sale	24. s/Rer	and Acc	essorie	98:	Qty 1 1 10 1 1 1 1	Qty uor EA EA EA EA EA EA		1700	Supp	
SHOE-FLOA COLLAR-FLO CTRZR ASS' CLAMP-LIMI HALLIBURTO PLUG, CMTG	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD 1/2 8R BO,API 2-FRICT ELD-A K 4 1/2,H	- 2-3/4 RD 9.5-1 ,4 1/2 (F-W/DC (IT WE,3.6	Desc SUPER 3.5#/FT CSG X 7	25 8.0 cription 7/8	97 Sale	24. s/Rer			98:	Qty 1 1 10 1 1 1 1 1 1	Qty uor EA EA EA EA EA Type		1700.		olier Make
SHOE-FLOA COLLAR-FLO CTRZR ASS' CLAMP-LIMI HALLIBURTO PLUG, CMTG Type Guide Shoe	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD 1/2 8R BO,API 2-FRICT ELD-A K 4 1/2,H	- 2-3/4 RD 9.5-1 ,4 1/2 (F-W/DC (IT WE,3.6	Desc SUPER 13.5#/FT CSG X 7 DGS	25 8.0 cription 7/8 14 MA Typ Packer	97 Sale	24. s/Rer	and Acc	essorie	98:	Qty 1 1 10 1 1 1 1 1 1	Qty uor EA EA EA EA EA FA FA FA FA FA FIUD Plug	S	1700	Supp	
SHOE-FLOA COLLAR-FLO CTRZR ASS' CLAMP-LIMI HALLIBURTO PLUG,CMTG Type Guide Shoe Float Shoe	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD 1/2 8R BO,API 2-FRICT ELD-A K 4 1/2,H	- 2-3/4 RD 9.5-1 ,4 1/2 (F-W/DC (IT WE,3.6	Desc SUPER 13.5#/FT CSG X 7 DGS	25 8.0 cription 7/8 14 MA Typ Packer Bridge I	97 Sale	24. s/Rer	and Acc	essorie	98:	Qty 1 1 10 1 1 1 1	Qty uor EA EA EA EA EA EA Plug tom Plug	S	1700	Supp	
SHOE-FLOA COLLAR-FLO CTRZR ASS' CLAMP-LIMI HALLIBURTO PLUG,CMTG Type Guide Shoe Float Shoe Float Collar	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD 1/2 8R BO,API 2-FRICT ELD-A K 4 1/2,H	- 2-3/4 RD 9.5-1 ,4 1/2 (F-W/DC (IT WE,3.6	Desc SUPER 13.5#/FT CSG X 7 DGS	25 8.0 cription 7/8 14 MA Typ Packer	97 Sale	24. s/Rer	and Acc	essorie	98:	Qty 1 1 10 1 1 1 1	Qty uor EA	S	1700	Supp	
SURFACE CAS SHOE-FLOA COLLAR-FLO CTRZR ASS CLAMP-LIMI HALLIBURTO PLUG CMTG	T- 4-1/ DAT- 4 Y,TUR T-4 1/2 DN WE	Used /2 8RD 1/2 8R BO,API 2-FRICT ELD-A K 4 1/2,H	- 2-3/4 RD 9.5-1 ,4 1/2 (F-W/DC (IT WE,3.6	Desc SUPER 13.5#/FT CSG X 7 DGS	25 8.0 cription 7/8 14 MA Typ Packer Bridge I	97 Sale	24. s/Rer	and Acc	essorie	98:	Qty 1 1 1 1 1 1 1	Qty uor EA EA EA EA EA EA Plug tom Plug	S	1700	Supp	Make

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Cementing Job Summary

<u> Sellin</u>	g Agt		Conc		Surfactan	t		Conc	Acid	Туре		Qty	Cor	c %
reatr	ment Fld		Conc		Inhibitor			Conc	Sand	1 Type		Size	Qty	
* * .						Flui	d Data							
S	tage/Plug #:]												
Fluid #	Stage Type		F	luid Na	ime		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Fluid (
1	Plug Rat and Mouse Hole		NT - PREMIU 0003685)	M - CL	ASS G, 94	LB SK	25.0	sacks	15.6	1.18	5.31		5.3	31
	50/50 Premiu Plus/Pozmix Cement		Z PREMIUM 239)	PLUS	50/50 - SB	M	110.0	sacks	13.5	1.58	6.68		6.6	8
	6 %	CA	L-SEAL 60, E	BULK (1	100064022))								
	10 %	SA	LT, BULK (10	00036	95)									
	6 lbm	GIL	SONITE, BL	ILK (10	0003700)									
	0.6 %	HA	LAD(R)-322,	50 LB ((100003646	3)								
	0.5 %	D-A	AIR 3000 (10	100744	6)									
	6.684 Gal	FR	ESH WATER											
3	Displacemen	t	_				95.00	bbl		.0	.0	.0		
	1 gal/Mgal		A-STA(R) XP											<u></u>
	2 gal/Mgal		AYFIX II, HAI		<u>,</u>									
	1 gal/Mgal		SURF-300M,			_								
Ca	alculated Val	ies		ssure	S		\$ 15 10 10			olumes				
	cement		Shut in: Ins	tant		Lost Re			Cement S			Pad		
	f Cement		5 Min				Returns		Actual Dis	· · · · · · · · · · · · · · · · · · ·		Treatn		
rac G	radient		15 Min			Spacers R	s ates		Load and	Breakdo	wn	Total J	lob	77, 7
Circu	lating	·	Mixi	na	T		Displac	ement	T	· · · · · · · · · · · · · · · · · · ·	Avg. J	ob	·····	
	ent Left In Pip	e Am		Reas	on Shoe	Joint	· · · · · · · · · · · · · · · · · · ·							
	Ring # 1 @	ai	Frac rin	ng # 2 #			Frac Ring	n#3@	ID		Frac Ring	#4@	ID	

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Cementing Job Log

The Road to Excellence Starts with Safety

				· · ·
Sold To #: 302122	Ship To #: 251	3916	Quote #:	Sales Order #: 4587915
Customer: EOG RESOL	JRCES INC		Customer Rep: Bog	gard, Bo
Well Name: SAMUEL		Well #: 34#	1	API/UWI #:
Field:	City (SAP): UNKNO	WN Count	y/Parish: Stevens	State: Kansas
Legal Description:			- · · · · · · · · · · · · · · · · · · ·	
Lat: N 0 deg. OR N 0 de	g. 0 min. 0 secs.		Long: E 0 deg. OR	E 0 deg. 0 min. 0 secs.
Contractor: ABERCRO	/BIE Rig/P	latform Name	e/Num: 2 2	
Job Purpose: Cement P	roduction Casing			Ticket Amount:
Weil Type: Developmen	Well Job T	ype: Cement	Production Casing	
Sales Person: BLAKEY	JOSEPH Srvc	Supervisor: (OLIPHANT.	MBU ID Emp #: 243055

	_i							
Activity Description	Date/Time	Cht	Rate bbl/ min	1 1 1 1 1	ume bi	1	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	08/24/2006 19:00							
Safety Meeting	08/24/2006 20:00							
Arrive at Location from Service Center	08/24/2006 22:00							·
Assessment Of Location Safety Meeting	08/24/2006 22:10							
Safety Meeting - Pre Rig-Up	08/24/2006 22:15							WAIT FOR CASING ON BOTTOM TO RIG UP
Wait on Customer or Customer Sub-Contractor Equip	08/24/2006 23:00							RIG RUNNING 4 1/2 CASING
Wait on Customer or Customer Sub-Contractor Equipm	08/25/2006 02:00							CASING ON BOTTOM @ 6094 FT
Rig-Up Equipment	08/25/2006 02:05							
Safety Meeting - Pre Job	08/25/2006 02:45							
Start Job	08/25/2006 02:50							
Other	08/25/2006 02:54							PLUG RAT HOLE & MOUSE HOLE WITH 25 SACKS PREM G @ 15.6 PPG
Test Lines	08/25/2006 03:04						3000. 0	
Pump Cement	08/25/2006 03:09		6	31	0		500.0	110 SACKS 50/50 POZ G @ 13.5 PPG
Shutdown	08/25/2006 03:15				31		175.0	FINISHED MIXING CEMENT
Clean Lines	08/25/2006 03:16							

Sold To #: 302122

Ship To #:2513916

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Sales Order #:

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Cementing Job Log

	T		IL30		AFFIA			
Activity Description	Date/Time	Cht	Rate bbl/	Vol.	ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Drop Top Plug	08/25/2006 03:17							
Pump Displacement	08/25/2006 03:19		6	95	0		55.0	CLAY TREATED WATER
Displ Reached Cmnt	08/25/2006 03:26		6				85.0	
Stage Cement	08/25/2006 03:34		3		85		500.0	SLOW RATE TO LAND PLUG
Bump Plug	08/25/2006 03:38			en e	_95	a sayaya	725.0	
Pressure Up	08/25/2006 03:39						1500. 0	
Release Casing Pressure	08/25/2006 03:40						.0	FLOAT HOLDING
Safety Meeting - Pre Rig- Down	08/25/2006 03:45							
Rig-Down Equipment	08/25/2006 04:00							
End Job	08/25/2006 04:30							

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Sold To #: 302122 SUMMIT Version: Ship To #:2513916

Quote #:

Sales Order #:

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