Chloride content 4000

Dewatering method used **EVAPORATION** Location of fluid disposal if hauled offsite:

WELL COMPLETION LL HISTORY - DESCRIPTION OF

SIOW _____ Temp. Abd.

SIGW

Other (Core, WSW, Expl., Cathodic, etc.)

5278

Purchaser: ABERCROMBIE RTD.. INC.

Wellsite Geologist: SCOTT MUELLER

Phone (405) 246-3234

Designate Type of Completion

__ Oil

__ Gas

_**X**__ Dry

Operator Contact Person: MELISSA STURM

EOG Resources, Inc.

3817 NW Expressway, Suite 500

City/State/Zip Oklahoma City, Oklahoma 73112

Contractor: Name: ABERCROMBIE RTD. INC. CONFIDER

X New Well Re-Entry Workover

30684

____ SWD

____ ENHR

Operator: License #

Name:

TION COMMISSION		12/19	104 FC	orm ACO-1
RVATION DIVISION	ORIG	INAL	Septe Form mus	mber 1999 t be Typed
LETION FORM	•	41147		, , ,
IPTION OF WELL	& LEASE			
API NO. 15 189	-22614-0000			
County STEVENS				<u> </u>
<u>W/2 - SE - SW -</u>	<u>SW_</u> Sec. <u>18</u> T	wp. <u>35</u> S	s. R. <u>37</u>	_ [] E [X] W
330	Feet from (\$ #N (cir	rcle one) Line	of Section	
700	Feet from E/100 (ci	ircle one) Line	of Section	
Footages Calculated fro	om Nearest Outside	e Section Corr	ner:	
(circle one)	NE S	E NW	(SW)	ı
Lease Name NORMA	 	Well	# <u>18 #</u>	1
Field Name				
Producing Formation _	N/A			
Elevation: Ground 31	65'	_ Kelley Bush	ing <u>3176</u>	<u>5' </u>
Total Depth 7050'	Plug Bac	k Total Depth	N/A	
Amount of Surface Pipe	Set and Cemente	d at	1605'	Feet
Multiple Stage Cement	ing Collar Used?		_ Yes _	X No
If yes, show depth set				Feet
If Alternate II completion	on, cement circulate	ed from		
feet depth to	w	//		_sx cmt.
Drilling Fluid Managem (Data must be collected	(P 1/1	4334	709	

If Workover/Reentry: C	ld Well I	Info as follows:	ı
Operator:			
Well Name:			<u>.</u>
Original Comp. Date			
Deepening	Re-p	erf (Conv. to Enhr./SWD
Plug Back			•
Commingled		Docket No	
Dual Completic	in ·	Docket No	
Other (SWD or	Enhr?)	Docket No	
9/29/07	10/7	/07	10/7/07
Spud Date or			

Operator Name	 			
Lease Name _	<u> </u>		_ License No.	
Quarter	Sec	Twp	S R	E
County	 	Dock	et No.	
			·	

ppm Fluid volume 1000 bbls

RECEIVED KANSAS CORPORATION COMMISSION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate 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 Welvan Aturun		KCC Office Use ONLY	
Title SR. OPERATIONS ASSISTANT Date 12/4/07	Y	KCC Office Use ONLY RECEIVED KANSAS CORPORATION CO Letter of Confidentiality Attached	
Subscribed and sworn to before me this -4TH day of DECEMBER		If Denied, Yes Date: DEC 9 6 200 Wireline Log Received	17
Notary Public (SEAL) (Choland Public State of Authority Public Seal (Notary Public Sea		Geologist Report ReceivedNSERVATION DIVIS	SION
Date Commission Expires	i		

Side Two

Operator Name EOG R	ESOURCES 1	VEIV		Lease	Name NORMA		Well #	# <u>18 #1,</u>
Sec. <u>18</u> Twp. <u>35</u>	S.R. <u>37</u> ¹	☐ East	▼ West	County	STEVENS		•	
INSTRUCTIONS: Sho tested, time tool open a temperature, fluid reco Electric Wireline Logs s	and closed, flow overy, and flow	ing and shut-i rates if gas	n pressure to surface	s, whether she during test.	ut-in pressure read	ched static level,	hydrostatic	pressures, bottom ho
Drill Stem Tests Taken (Attach Additional Sh	neets.)	Yes	X No	(X)	Log	Formation (Top),	Depth and [Datums Sam
Samples Sent to Geolog	ical Survey	☐ Yes	X No	Nam	e	Тор	Da	atum —
Cores Taken		☐ Yes	X No					
Electric Log Run (Submit Copy.)		X Yes	□ No	SEE AT	TACHED SHEET			
List All E.Logs Run: MUDLOG, SONIC, DEN W/ MICRO, MICROLOG	NSITY NEUTRO G. RESISTIVI	N, DENSITY TY	NEUTRON	ı				
	Panar		RECORD		Used mediate, production			
Purpose of String	Size Hole Drilled	Size Cas Set (In O	ing	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12 1/4"	8 5/8"		24#	1605'	MIDCON2PP	300	SEE CMT TIX
9						PP	180	SEE CMT TIX
		ADD	ITIONAL C	EMENTING/S	QUEEZE RECORI)	1	
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of	Cement	#Sacks Us	sed	Type and Pe	rcent Additi	ves
Shots Per Foot	PERFORATION Specify Foot	RECORD - Br age of Each in				re, Shot, Cement S d Kind of Material U	•	ord Depth
TUBING RECORD	Size	Set At	 	Packer At	Liner Run	Yes	No	
Date of First, Resumed N/A - DRY	Production, SV	/D or Enhr.	Produc	ing Method	Pumping G	as Lift	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls.	Gas-Oil F	Ratio	Gravity
sposition of Gas:	METHOD C	F COMPLETION	ON	<u></u>		Production Interv	al	
Vented Sold	Used on Le	ease	Open Ho	ole 🔲 Perfora	ation Dually C	Comp. Commin	gled	
(If vented, submit A	CO-18.)	Г	Other (Specify)		_		

ACO-1 Completion Report										
Well Name : NORMA 18 #1										
FORMATION	TOP	DATUM								
CHASE	2678	498								
COUNCIL GROVE	3140	36								
NEVA	4309	-1133								
TOPEKA	5250	-2074								
BASE OF HEEBNER	6068	-2892								
MARMATON	4455	-1279								
CHESTER	5214	-2038								

CONFIDENTIAL DEC 0 5 2007 KCC

RECEIVED KANSAS CORPORATION COMMISSION

DEC 0 6 2007

CONSERVATION DIVISION: WICHITA, KS CONFIDENTIAL DEC 0 5 2007

KCC

Cementing Job Summary

The Road to Excellence Starts with Safety

HALLIBURTON

Sold To #: 3					#: 2602	2843		Que	ote #	•			Sal	es O	rder :	‡: 539	7667
Customer: E	OG RE	SOUF	CES	NC				Cus	stom	er Rep	: Bro	ck, Gary					
Well Name: I	Norma					Well #	: 18#1					API/	UWI #	:			
Field:			City (SAP):	HUGOT	ON	Count	y/Pa	rish:	Steve	ns		Sta	te: K	ansas	3	· · · · · · · · · · · · · · · · · · ·
Contractor:	ABER	CROM	BIE		Rig/Pl	atform	n Name	/Nun	n: 5			·					
Job Purpose	: Cem	ent Su	rface (Casing											·		,
Well Type: D	evelop	ment V	Vell		Job Ty	ype: C	ement	Surfa	ice C	asing							· · · · · · · · · · · · · · · · · · ·
Sales Persor	n: BLA	KEY, J	OSEF	Ή	Srvc S MERS		isor: V	VILT	SHIF	RE,		MBU ID	Emp	#: 19	5811		
							Job Pe	rson	nei								
HES Emp	Name	Ехр	Hrs	Emp#	HE:		Name			s Em	p #	HES	Emp N	lame	TE	xp Hr	Emp#
ARCHULETA MIGUEL A	,	6.5	2	26381			IES Ray		3.5	226		KEY, ME				6.5	426178
LOPEZ, JUAI Rosales	N	6.5	1	98514	WILTS!			6	5.8	1958	B11						
							Equip	omer	nt								·
HES Unit #	Distan	ce-1 wa	y HE	S Unit	# Dist	ance-1	way.	HES	S Uni	t# D	istan	ce-1 way	HES	S Unit	#	Distar	ce-1 way
							Job H	lour	S		***						
Date	On Loc Hou	- 1	Opera Hou	_ ,	Date	•	On Loca Hour		O	peratin Hours	- 1	Date	C	On Lo Ho	catio: urs	n O	perating Hours
		L		1		L.,			<u>L.</u>			•••					
TOTAL	STAR STAR	kirateana	ar and in a c	A TENDRAL	TRACES AND A TRACE OF	Carrie Carres &	276. 10 200	otal is	s the	sum of	each (column səj	parate	<u>y</u>			
Formation Nam		in January	AVE JU)D XX	nime for				11.99	Mark to	CV III						
Formation Nam		Ton			Bott				0.11			Dar	te		Time	Ti	me Zone
Form Type	Jen (IVID	LIOP		внет		om I	T			ed Out ocatio							
ob depth MD		1650.	ft		epth TV	<u> </u>	1650	ft		Started		30 - Sep	200	, ,	20:00		CCT
Nater Depth					Above I		5. 1			Comple		30 - Sep			21:14	+	CST
Perforation De	pth (MD	From	T	12.22.22	То	1				arted L		оо - оср	- 2007		21.17	+	
	·		- 				Well										
Description	Nev	N /	Vax	Size	ID	Weig			read		Gr	ade To	p MD	Bot	tom	Тор	Bottom
	Us	[•	ssure sig	in	in	ibm/	ft						ft	M	ID ft	TVD	TVD
Surface Hole					12.25								•	16	50.		
Surface Casing	Use	ed	CONSIDERAÇÃO PO	8.625	8.097	24.								16	50.		
A PARTICIAN	ar and	rijg Nejkr	frest.		Sa., پر ارتین	iles/R	ental/3	Pai	rty (F	łES) Æ			era era	W	40.2784		The Mark
HOE COO TIC	ED TO	TILO E		Descrip	tion	···					Qty		า De	pth		Supp	
HOE,CSG,TIG											1	EA				RECEI	ON COMMISSIO
ILLUP ASSY -						 					1	EA	<u> </u>	IVAING	A3 00	REUNAII	ON COMMISSIO
ASKET - CEME										····	1	EA	 		nr nr	COS	2007
LUG,CMTG,TC					40						1	EA	1				2001
ENTRALIZER /					// <u>/</u>						1	EA	-				N DIVISION
					Section #	Tools	75 KAYA"			- Warman	7	EA	63 36350000	90000000000	FERRON COMP.	WICHITA	, KS
Type Si	ze Qt	y Mak	o Do	nth.	Withing.	Ciro	anu A	ices:	some	Salak							
uide Shoe	_c \ \(\chi_1\)	, iviah	S DE	·	Type ker	Size	Qty	IVI	ake	Depti		Type	_	Size	1 9	Qty	Make
loat Shoe		-			dge Plug	 	-	+				Plug om Plug					
loat Collar		 	+		ainer	 	 					om Plug plug set					
sert Float				1.3			1.	+				Containe	ar		-		
tage Tool						 	1	\top				ralizers			+		
KING CALL					٨ .	/liscel	aneou	s Ma	teria	ls 🐪		(Principal)	- 1 - 1, 3, 12	Chillians.	- (40.2)		61 th (1 th (1 th))
elling Agt			onc		Surfac		<u> </u>		Con			d Type	Γ		lty		onc %
																	

Summit Version: 7.20.130

Sunday. September 30, 2007 21:20:00

CONFIDENTIAL DEC 0 5 2007

HALLIBURTON

Cementing Job Summary

Teoder	nent Fld			Conc	Inhibito	. 1.	ZCC	Conc	le	d Time		0:	104
		SCHOOL STATES				T		1	pan	d Type	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Size	Qty
			A										
Fluid #	Stage T	ype		Fluid	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk		Total Mix Fluid Gal/s
1	Lead Cen	s	MIDCON-2 CEMENT PREMIUM PLUS - 300.0 sacks 11.4 2.96 BM (15079) CALCIUM CHLORIDE - HI TEST PELLET (100005053)										18.14
	3 %					PELLET	(100005	053)					
	0.25 lbm	F	POLY	/-E-FLAKE (10	1216940)								
	0.1 %	٧	VG-1	17, 50 LB SK (1	00003623)							. <u></u>	·····
	18.138 Gal	F	RES	H WATER									
2	Tail Ceme			- PREMIUM PI 12205)	LUS CEMEN	IT	180.0	sacks	14.8	1.34	6.32		6.32
	6.324 Gal	F	RES	H WATER						· ***********************************	· i.l		
	2 %	C	ALC	IUM CHLORID	E - HI TEST	PELLET	(100005	053)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
	0.25 lbm	P	OLY	'-E-FLAKE (10'	216940)						· · · · · · · · · · · · · · · · · · ·		
3	Displacen						0.00	bbl	8.33	.0	.0	.0	<u> </u>
経練 Că	lculated \	/alues		Pressu	res Diffe		*****		ME SEV	olumes	THE LANGE		No. See Long See
	ement			hut in: instant		Lost Re			Cement Si			Pad	
	Cement			Min		Cement	Returns		Actual Dis	splacen	nent	Treatm	nent
	radient			Min	<u> </u>	Spacers			Load and	Breakdo	own	Total J	ob
	FILERED					R	ates 🙀		ARTER!		HELLEN.		ASSESTABLE OF THE PARTY OF THE
Circul			<u> </u>	Mixing			Displac	ement			Avg. J	ob	
	ent Left In I		mou	 		Joint							
Frac R	ing # 1 @	ID		Frac ring # 2	2@		Frac Rin				Frac Ring	#4@	ID
Th	e informa	ation S	tate	d Herein Is	Correct	Cuerpun	er Represe	ntative sig	nature				

RECEIVED KANSAS CORPORATION COMMISSION

DEC 0 6 2007

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Sunday. September 30, 2007 21:20:00

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2602	2843		Quote #:			Sales	s Order #: 5397667
Customer: EOG RESOURCES	INC			Custome	r Rep: Br	ock, Gar	у	
Well Name: Norma		Well #	: 18#1			AP	I/UWI #:	
Field: City	(SAP): HUGOTO	ON C	ounty/F	Parish: S	tevens		State:	Kansas
Legal Description:								CONFIDENTIAL
Lat:			L	.ong:				
Contractor: ABERCROMBIE	Rig/Pia	atform	Name/N	lum: 5				NEC U 5 2001
Job Purpose: Cement Surface	Casing					Ticket	Amount	:
Well Type: Development Well	Job Ty	/pe: Ce	ment Su	urface Ca	sing			KCC
Sales Person: BLAKEY, JOSEF	MERSI	HEK	or: Wil	TSHIRE				195811
Activity Description	Date∕πime :	Cht	min	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ume bi Total			Commens
Call Out	09/30/2007 11:30							RECEIVED
Arrive At Loc	09/30/2007 15:30							KANSAS CORPORATION COMMISS
Pre-Job Safety Meeting	09/30/2007 15:45							DEC 0 6 2007
Start Job	09/30/2007 20:00							CONSERVATION DIVISION WICHITA, KS
Test Lines	09/30/2007 20:00						2500. 0	
Pump Lead Cement	09/30/2007 20:08		6	158			140.0	300 SKS MIDCON 2 @ 11.4#
Pump Tail Cement	09/30/2007 20:32		3.5	43			70.0	180 SKS PREM PLUS @ 14.8#
Drop Top Plug	09/30/2007 20:43		3.5	201			80.0	END CEMENT
Pump Displacement	09/30/2007 20:45		6	100			90.0	WATER
Displ Reached Cmnt	09/30/2007 20:51		6	25			150.0	
Stage Cement	09/30/2007 21:02		1	90			380.0	STAGE
Other	09/30/2007 21:12		·	·				PRESSURE BEFORE LANDING PLUG
Bump Plug	09/30/2007 21:12		1	100				FLOAT HELD
End Job	09/30/2007 21:14							
Cement Returns to Surface	09/30/2007 21:30			30		·		30 BBLS OF CEMENT TO PIT

Sold To #: 302122

Ship To #:2602843

Quote #:

Sales Order #:

5397667

SUMMIT Version:

7.20.130

Sunday. September 30, 2007 09:20:00

CONFIDENTIAL DEC 0 5 2007

KCC Cementing Job Summary

5412028 REC KANSAS CORPOR DEC 0 CONSERVAT WICHI P Hrs Emp # 0 306196 Distance-1 way mile
CONSERVAT WICHI P Hrs Emp # 0 306196
CONSERVAT WICHI P Hrs Emp # 0 306196
CONSERVAT WICHI P Hrs Emp # 0 306196
CONSERVAT WICHI P Hrs Emp # 0 306196
P Hrs Emp # 0 306196
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p Hrs Emp # 0 306196 distance-1 way
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listance-1 way
0
Operating Hours
nours
1

Time Zone
CST
<u> </u>
Top Bottom
TVD TVD
ft ft
ty - Make
Conc %
Qty
Total Mix Fluid Gal/sk

Cementing Job Summary

	age/Plug	and the same	 	Fluid N	<u></u>		1 04	1 0	· ·			,		<u> </u>
Fluid #	Stage	і уре		Fluid N	lame		Qty	uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min		ıl Mix Gal/sl
1	Plug @1	650 ft	POZ	PREMIUM 40/60	- SBM (1	5075)	100.0	sacks	-	1.47	7.04		7.	04
,	2 %		BEN	TONITE, BULK (100003682)					J	·		
	7.042 Ga	1	FRE	SH WATER								······································		
2	Plug @6	90 ft	POZ	PREMIUM 40/60	- SBM (15	5075)	50.0	sacks	13.5	1.47	7.04	1	7.0	04
	2 %		BEN	TONITE, BULK (100003682)		·	-1			<u> </u>		
	7.042 Ga	l	FRE	SH WATER	-									
3	Plug @	60 ft	POZ	PREMIUM 40/60	- SBM (15	075)	25.0	sacks	13.5	1.47	7.04		7.6	04
•	2 %		BEN	TONITE, BULK (1	00003682)						<u> </u>		
	7.042 Ga		FRES	SH WATER								*****		
4	Plug Rat	Hole	POZ	PREMIUM 40/60	- SBM (15	075)	_ 15.0	sacks	13.5	1.47	7.04		~ 7.0	14
•	2 %	-	BEN	TONITE, BULK (1	00003682))	· · · · h		<u> </u>		 	1		
	7.042 Ga		FRES	SH WATER	· · · · · · · · · · · · · · · · · · ·		······································							
5	Mouse H	ole	POZ	PREMIUM 40/60	- SBM (15	075)	10.0	sacks	13.5	1.47	7.04		7.0)4
	2 %		BENT	ONITE, BULK (1	00003682)					L		LL		
	7.042 Gal		FRES	SH WATER										
Ca	culated	Values		Pressur	es				Vo	olumes	- W. D. V. 1949	* \$ 1 V/ A.	Nest N	(444)]
Displac	ement	19	s	hut In: Instant			Returns		Cement SI		52	Pad		<u> </u>
Top Of	Cement		5	Min		Cem	ent Returns		Actual Dis		nt 19	Treatme	ent	
rac Gr	radient			5 Min		Spac	ers	0	Load and I	Breakdow	'n	Total Jo		71
							Rates	18. 60 to 2. 1. 18. 18. 18. 18. 18. 18. 18. 18. 18. 1		nessa.		43413		राह्यसम
Circula				Mixing	3		Displac	ement	3		Avg. Jo		3	N. Santaria
	ent Left In		Amou	ınt 44.57 ft Rea		Joint								
Frac R	ing # 1 @		ID	Frac ring # 2	@	D [\	Frac Rin	g#3@	/ ID	Fr	ac Ring	# 4 @	ID	
Th	e Inform	ation	State	ed Herein Is C	orrect	Cust	omer Represe	ntative St	gnature				··· •	

CONFIDENTIAL CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

DEC 0 6 2007

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Sunday, October 07, 2007 20:04:00

Sold To #: 302122

Cementing Job Log

Sales Order #: 5412028

The Road to Excellence Starts with Safety
Ship To #: 2602843 Quote #:

Mall Name: Name		h	. 11 11 1 10 "		one	i Kep: o	rock, Gai		
Well Name: Norma	10 A DV: 11		ell #: 18#				AF	YI/UWI #:	
	ty (SAP): Hu	goton	Count	y/Paris	n: S	tevens		State	: Kansas
Legal Description:									
Lat:				Long					
Contractor: ABERCROMBIE		Rig/Platfo	orm Name	/Num:	5				,
Job Purpose: Plug to Abando		- · · · · · · · · · · · · · · · · · · ·					Ticket	Amount	
Well Type: Development Wel		A STATE OF THE OWNER, WHEN THE PARTY OF THE	: Plug to	The state of the s					
Sales Person: BLAKEY, JOS	EPH S	rvc Sup	ervisor: [DO	NALD	MBU II	D Emp #:	: 389855
			्र्रा Rat	terror and a second sec	Val	ume 🛬	Pre	ssure	
Activity Description	Date/T	ime TC	ht bbl mir			bl	, p	sig 🧖	Comments
		10 ados 11 to 14 1 3 mg	#	Sta	ige	Total	Tubing	Casing	
Arrive At Loc	10/07/20 14:30								RIG WAS PULLING DRILL PIPE
Pre-Job Safety Meeting	10/07/20 14:35								
Rig-Up Completed	10/07/20 15:30	07							
Test Lines	10/07/20 16:54	07							2500 PSI
Pump Cement	10/07/20 17:05	07	3			26		200.0	100 SKS @ 13.5 1ST PLUG
Pump Displacement	10/07/20 17:14		3			14	·	500.0	MUD DISPLACEMENT
Pump Cement	10/07/20 17:51		3			13		50.0	50 SKS @ 13.5 2ND PLUG
Pump Displacement	10/07/200 17:56		3			4.5		50.0	MUD DISPLACEMENT
Pump Cement	10/07/200 19:37		3			6.5		.0	25 SKS @ 13.5 3RD PLUG
Pump Cement	10/07/200 19:46		1			6.5		.0	25 SKS @ 13.5 RAT & MOUSE HOLE
End Job	10/07/200 19:57								THANKS FOR CALLING HALLIBURTON ERIC & CREW
Post-Job Safety Meeting (Pre Rig-Down)	10/07/200 20:00)7							

RECEIVED KANSAS CORPORATION COMMISSION

DEC 0 6 2007

CONSERVATION DIVISION WICHITA, KS

Sold To #: 302122

Ship To #:2602843

Quote #:

COMPLET TO

Sales Order #:

5412028

SUMMIT Version: 7.20.130

Sunday, October 07, 2007 08:04:00