Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1235809

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

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

OPERATOR: License #	API No. 15				
Name:	Spot Description:				
Address 1:					
Address 2:	Feet from Dorth / South Line of Section				
City: State: Zip:+	Feet from East / West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()					
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84				
Wellsite Geologist:					
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:				
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet				
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:					
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan				
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)				
	Chloride content: ppm Fluid volume: bbls				
Commingled         Permit #:           Dual Completion         Permit #:	Dewatering method used:				
SWD         Permit #:	Location of fluid disposal if hauled offsite:				
ENHR     Permit #:					
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West				
Recompletion Date Recompletion Date	County: Permit #:				

#### AFFIDAVIT

I am the affiant and I hereby certify that 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.

### Submitted Electronically

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	1235809
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken Yes No (Attach Additional Sheets)				Log Formatic	on (Top), Depth an	nd Datum	Sample
Samples Sent to Geolog	,	Yes No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-		lew Used termediate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	L CEMENTING / SQ	UEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment o	n this well?		Yes	No (If No, ski	p questions 2 an	d 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

	(II NO, SKIP QUESTIONS 2 an
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	ts Per Foot PERFORATION RECO Specify Footage of					e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD: Size: Set At: Pa				Packer	r At:	Liner F	Run:	No		
Date of First, Resumed	l Producti	on, SWD or ENHF	3.	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
						1				
DISPOSITION OF GAS:			METHOD OF COMPLETION:		TION:		PRODUCTION INT	ERVAL:		
Vented Solo	d 🗌 l	Jsed on Lease		Open Hole	Perf.	Dually		Commingled		
(If vented, Submit ACO-18.)				Other (Specify)		(Submit /	400-5)	(Submit ACO-4)		

Yes

Yes

No

Form	ACO1 - Well Completion		
Operator	Werth, Andy dba Werth Exploration Trust		
Well Name	WORCESTER 3-3		
Doc ID	1235809		

Tops

Name	Тор	Datum
ANHYDRITE	1882	+363
ТОРЕКА	3245	-1000
HEEBNER SHALE	3445	-1200
TORONTO	3470	-1225
LKC	3488	-1243
ВКС	3682	-1437
RTD	3754	-1509
LTD	3748	-1503

	Company: Address: Contact Geologist: Contact Phone Nbr: Well Name: Location: API: Pool: State:	OPERATOF WERTH EXPLORATION T 1308 SCHWALLER AVENU HAYS, KANSAS 67601-2242 ANDY WERTH 785-625-4968 WORCESTER #3-3 NW SE SE NE S3 T7S R2 15-065-24089-00-00 KANSAS	RUST JE	LAST HOPE NORTHEAST USA
ĺ		Scale 1:240 Imp	perial	
	Well Name: Surface Location: Bottom Location: API:	WORCESTER #3-3 NW SE SE NE S3 T7S R2 15-065-24089-00-00		
	License Number: Spud Date:	30259 12/9/2014	Time:	12:00 PM
	Region: Drilling Completed: Surface Coordinates:	GRAHAM COUNTY 12/14/2014 2170 FNL & 435 FEL	Time:	8:33 PM
	Bottom Hole Coordinates: Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation: Drilling Fluid Type:	2238.00ft 2245.00ft 3100.00ft 3754.00ft LANSING / KANSAS CITY	To:	3754.00ft
ĺ		SURFACE CO-ORD	INATES	
	Well Type: Longitude: Latitude: N/S Co-ord: E/W Co-ord:	Vertical -99.7519497 39.4751071 2170 FNL 435 FEL		
ſ		LOGGED B	Y	
	Company: Address:	SOLUTIONS CONSULTIN 108 WEST 35TH HAYS, KANSAS 67601		
	Phone Nbr: Logged By:	785-650-4540 / 785-639-13 Geologist	337 Name:	STEVE REED
	Contractor: Rig #: Rig Type: Spud Date: TD Date:	CONTRACTO SKYTOP DRILLING, LLC 1 MUD ROTARY 12/9/2014 12/14/2014	DR Time: Time:	12:00 PM 8:33 PM
Į	Rig Release:	12/15/2014	Time:	3:00 PM
ĺ		ELEVATION	S	
	K.B. Elevation: K.B. to Ground:		Ground Elevation:	2238.00ft
ĺ		NOTES		

THE WORCESTER #3-3 RAN STRUCTURALLY LOW TO AREA PRODUCERS, THIS COMBINED WITH LACK OF

SIGNIFICANT SHOWS AND LOG ANALYSIS LEAD TO THE DECISION TO PLUG AND ABANDON THE WELL

OPEN HOLE LOGGING PROVIDED BY: NABORS COMPLETION AND PRODUCTION SERVICES COMPANY RADIATION GUARD LOG AND MICRORESISTIVITY LOGS WERE COMPLETED

NO DRILL STEM TESTS WERE PERFORMED

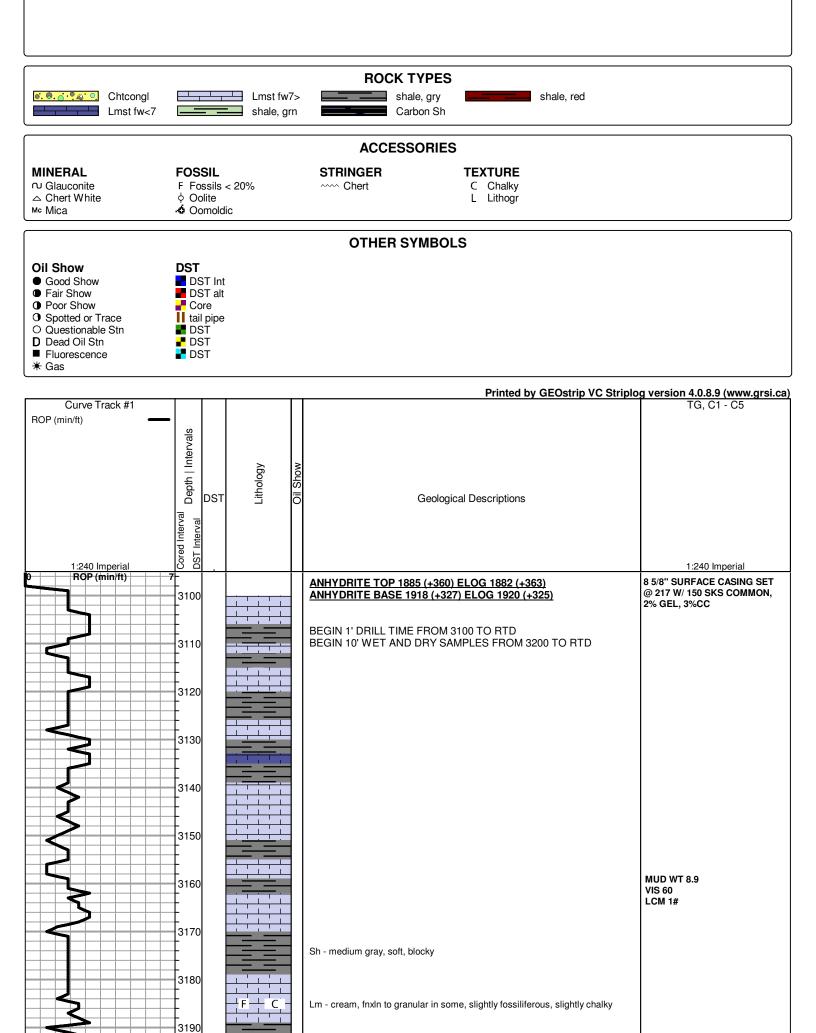
#### FORMATION TOPS COMPARISON AND DAILY ACTIVITY SUMMARY

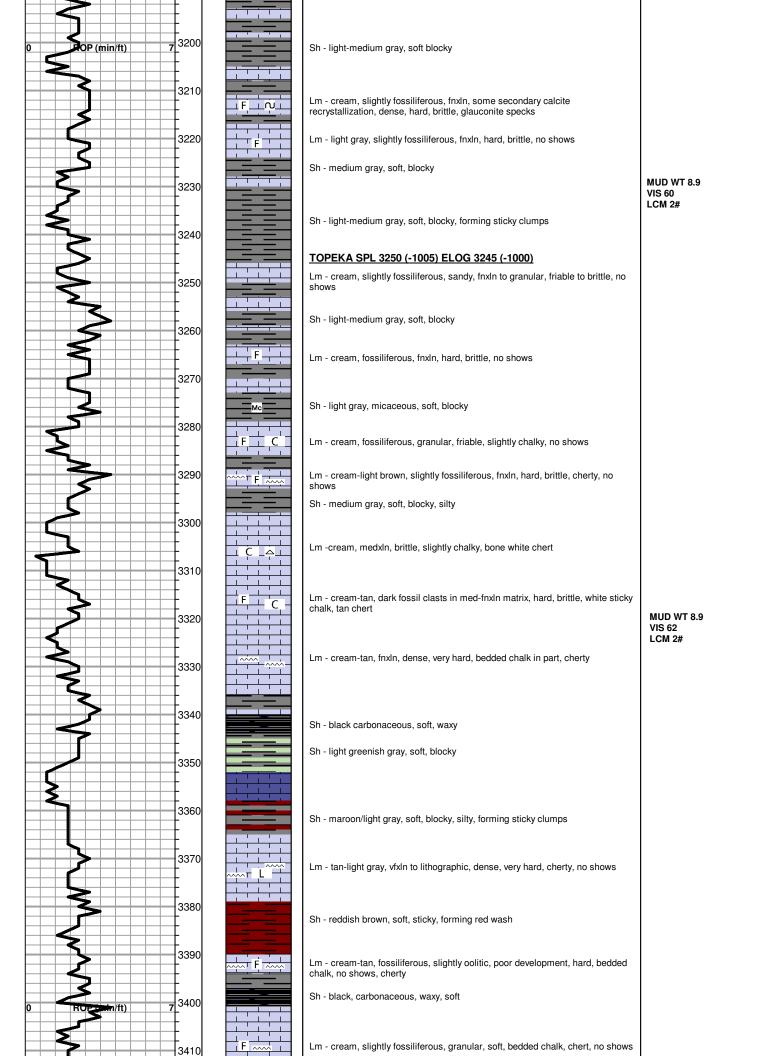
	WELL	NAME	COMPARISON WELL	COMPARISON WELL		
	WORCES	TER #3-3	WORCESTER #1-3	WORCESTER #1-3		
	API: 15-0	65-24089	API: 15-065-23876	API: 15-065-23021		
	224	5 KB	2240 KB	2259 KB		
FORMATION			LOG TOPS (DATUM)	LOG TOPS (DATUM)		
ANHYDRITE TOP			+364'	+385'		
ΤΟΡΕΚΑ			-998'	-997′		
HEEBNER			-1199'	-1199'		
TORONTO	3472' (-1227')	3470' (-1225')	-1223′	-1222'		
LKC	3490' (-1245')	3488' (-1243')	-1240′	-1240′		
ВКС			-1431′	-1431′		
ARBUCKLE			-1535′	-1563'		
RTD	3754' (-1509')	3748' (-1503')	-1595′	-1608′		

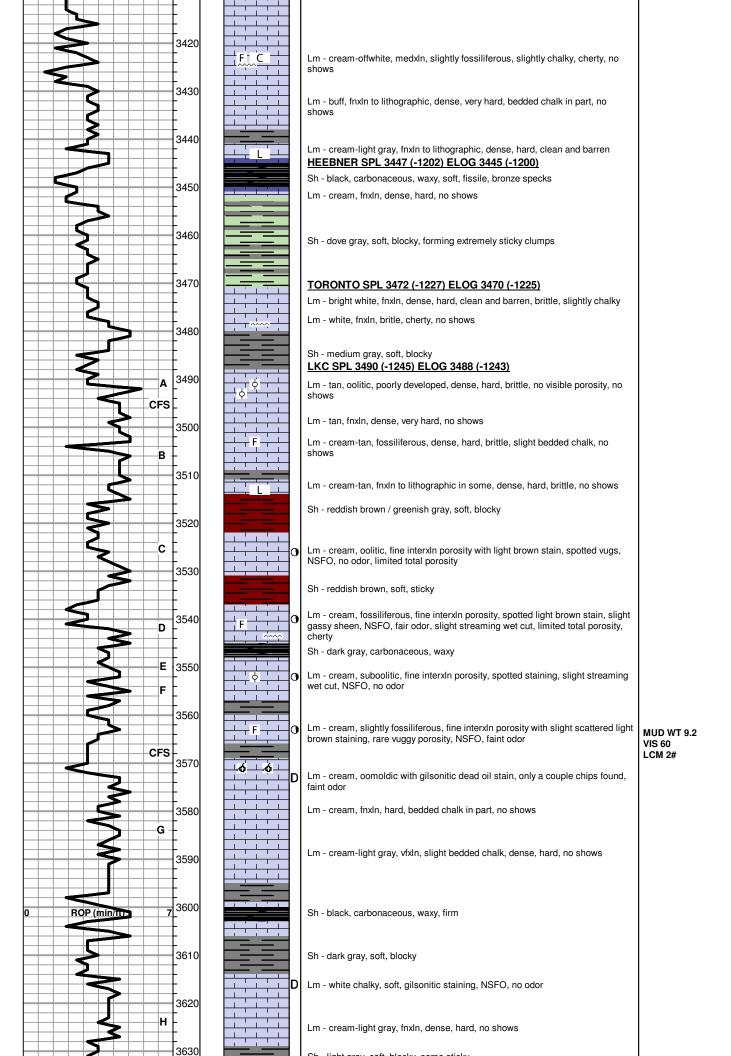
#### SUMMARY OF DAILY ACTIVITY

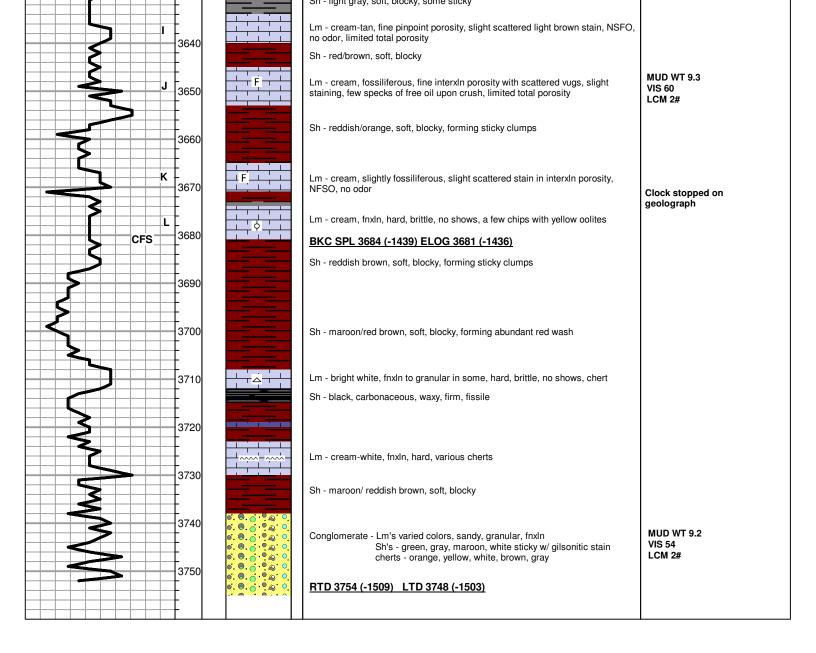
**12-8-14** M.I.R.U.

- **12-9-14** spud @ 12:00pm, drill to 222, set 8 5/8" surface casing @ 217 w/ 150 sks common, 2% gel, 3%cc, plug down @ 10:00pm, woc
- **12-10-14** 222, drill plug @ 9:00am, drilling
- 12-11-14 1251, drilling
- 12-12-14 2290, drilling
- **12-13-14** 3078, drilling, CFS @ 3495
- 12-14-14 3555, drilling, CFS @ 3568, TD of 3754 reached @ 8:33pm, CFS, short trip, CTCH, TOWB for logs, survey 1°
- 12-15-14 3754, logging, prepare for plugging, plugging, release rig









# ALLIED OIL & GAS SERVICES, LLC 055585

			Federal T	ax I.D.# 20-5975804			
REMITTO P.O. B	OX 31 ELL, KAT	NSAS 676	65		SER	VICE POINT:	165
Room		TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
ATE 12-9-14	SEC.	7	22			COUNTY	STATE
EASEWorcestur	WELL #	3-3	LOCATION BOS	acks 4W7	NISHE	Graham	165
DLD OK NEW Cin	cle one)		Sinto	•			
CONTRACTOR				OWNER			
HOLE SIZE 12		T.E	222 1	CEMENT			
CASING SIZE			PTH 222		DERED 150	COM 3 For	c 250gul
UBING SIZE		DE	PTH				-
DRILL PIPE			PTH				
TOOL			EPTH	COMMON	150	@ 17.90	2685.00
MEAS. LINE			NIMUM IOE JOINT 15	POZMIX	14.0	@	
CEMENT LEFT IN	CSG.	15		GEL	282		141.00
PERFS.				CHLORIDE	423		46530
DISPLACEMENT		13,1	8	ASC		@_ <u></u>	
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	HELPER	Nati	han D			@	
BULK TRUCK		~ .			14	@	
# 410	DRIVER	Steve	S-Tracy J			@	
BULK TRUCK	DRIVER				150	-@ 7 48	372.00
#	DRIVEN	•		HANDLING	2.52 +/m	2.75	- 970.75
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			2	DEPTH OF.	юв	222	
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CHARGE TO: L	erth	EXP	largion_		lese 961	126 TOT	AL-2502 =5
STREET							
CITY		STATE	ZIP	·	PLUG & FLC	AT EQUIPM	ENT
÷.,	· · ·					@	
To: Allied Oil &	& Gas Se	rvices, LI	.C.			@	
You are hereby	requeste	d to rent of	cementing equipn	ienț .		@	
and furnish cen	enter an	d helper(	s) to assist owner.	or			
contractor to do	work as	is listed.	The above work	was		TOT	AL
done to satisfac	tion and	supervisi	on of owner agen				
CONTRACTOR, 1 ha	TONDIT	IONS" I	stand the "GENE sted on the reverse	side. SALES TA	X (If Any)	~	
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SIGNATURE _							
SIGNATURE _	1		· 14	41			- 3

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

网本 非规制的第三人称单数

No. 988

Phone 785-483-2025		Н	Iome Office	P.O. Bo	ox 32 Rus	sell, KS 67665	NO.	
Cell 785-324-1041	Sec.	Twp.	Range	1	ounty	State	On Location	Finish
17 10-121	Sec.	7	2.2	for	chi in t	KS		100pm
Date 12 15-14		an C	Locatio	n # Boar	10x 221 4 4 to	310RD TU	TRO JUE	
	-		Well No. 3-	2	Owner	No. of the second second		Sinte
Lease Worcester			vveli No.	TOUR	a the Othersk Companying Inc			
Contractor SKY top	De la companya de la Esta			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Type Job Kotary I	1.	22-11		Charge	Werth Exe		- Hereiters	
Hole Size		T.D. 3254						
Csg.	Depth			Street State				
Tbg. Size	Depth			The above was done to satisfaction and supervision of owner agent or contractor.				
Tool		Depth			Cement Amount Ordered 2 40 40/40 41/622 1/21 #1+10			
Cement Left in Csg.	Shoe Joint			Cententran				
Meas Line Displace EQUIPMENT					Common / 4 4			
No Cementer raio					Poz. Mix 96			
Pumptrk 40 No. Helper 40 CK					and a second sec			
Bulktrk No. Driver					Gel.		and the second second	
Bulktrk Stor Driver 1/30 M					Calcium			
JOB SE	& REM	ARKS		Hulls				
Remarks:					Salt			
Rat Hole 305/C					Flowseal 60#			
Mouse Hole					Kol-Seal			
Centralizers					Mud CLR 48			
Baskets					CFL-117 or CD110 CAF 38			
D/V or Port Collar					Sand			
21900 50 50	<				Handling	4-1-1-1-1-1-1		
2nd logo	100	SK			Mileage			
32 280	10	SIC	<u> </u>			FLOAT EQUIP	<b>MENT</b>	
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The second second second second		an at some			Centralizer		al al	the second second
				10000	Baskets	3-18 Dry	hop plug	
					AFU Inserts	5		
					Float Shoe			
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X Signature								