

ight Equip linimum 1 ement Pu 0/30 Pozr entonite ( LO-Seal	KS Equipment# ip. One Way on Mile Charg	Driver	Equipment#	Contractor: Job type Well Datalla:	Longstring	Countys JOB AATION AATION	Well Type: Twp: Woodson	8/15/2017 Oil State:	RI AM PM AM AM PM AM PM PM AM PM	
escription leavy Equiphinmum 1 lement Pu 0/30 Poze entonite (LO-Seal	ip. One Way on Mile Charg	Driver	Equipment #	Job type  Well Details:  Well Location:  Driver	Longstring Sec Neosho Falls TRUCK CALL ARRIVED AT START OPER FINISH OPER RELEASED	JOB LATION LATION	Well Type: Twp: Woodson	Oil	AM PM AM PM AM PM AM PM	Kansas TIME
escription leavy Equiphinmum 1 lement Pu 0/30 Poze entonite (LO-Seal	ip. One Way on Mile Charg	Driver	Equipment#	Well Details: Well Location: Driver	Neosho Falls TRUCK CALL ARRIVED AT START OPER FINISH OPER RELEASED	JOB LATION LATION	Twp: Woodson		AM PM AM PM AM PM AM PM	Kansas TIME
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eavy Equipolitic E	o. One Way on Mile Charg			Unit of		STATION T	O WELL		PM	37
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eavy Equipolitic E	o. One Way on Mile Charg			Unit of						
eavy Equipolitic E	o. One Way on Mile Charg			Measure	Quantity	List Price/Unit	Gross Amount			Net Amou
linimum 1 ement Pu 0/30 Pozr entonite ( LO-Seal	on Mile Charg			mi	37.00	\$3.25	\$120.25			\$90.
ement Pu 0/30 Pozr entonite ( LO-Seal				mi	37.00	\$1.50	\$55.50			\$41.
0/30 Pozr entonite ( LO-Seal		ge		ea	1.00	\$300.00	\$300.00			\$225.
entonite ( LO-Seal	•			ea	1.00	\$675.00 \$13.70	\$675.00			\$506.
LO-Seal		<del></del>		sack lb	115.00 203.00	\$0.30	\$1,575.50 \$60.90		•	\$1,181. \$45.
ubbor Di	201			lb	56.00	\$2.15	\$120.40			\$90.
ubbei Fit	ıg 2 7/8		·	ea	1.00	\$30.00	\$30.00			\$22.
entonite (	Gel			lb	200.00	\$0.30	\$60.00			\$45.
MARIA CHIMINE Maria Maria Maria	Verzer et alle et tre trans. General de la ett en en leur e								and the second	
unless Humi	cane Services Inc. (	(HSI) has approv	red credit prior to		學。自然發展複雜	· 大学的学员的			The Section	00.040.4
for approved ast due acco	accounts are total ir unts may pay intere	nvoice due on or est on the balanc	before the 30th day e past due at the	1	Toyobic			Net:		\$2,248.1
r the maximu ser amount. Ir	n allowable by appli- the event it is nece	icable state or fe essary to employ	derei laws if such an agency and/or	<b>+</b>		*	iax Rate:	Sala Taur	<u></u>	
ction of said uch collection	account, Customer i . In the event that C	hereby agrees to Justomer's accou	pay all fees directly unt with HSI							2,248.1
has the right	to revoke any and a	ill discounts prev	lously applied in	Data -4			8/1		Ψ	£,£40.
and subject to	collection, Prices o	quoted are estim	rates only and are						·	
ce adjustmen altimately requested in goo commendation to the life. The Information to recondition processes.	is, Actual charges maired to perform these if faith, but no warrains made concerning mation presented is doe used for common wasceive services by H is customer owned performing services services was the customer owned performing services services was the customer owned performing services was the customer of the customer of the customer owner.	nay vary depend se services. Disc mty is given by a g results to be of s HS! best estimates purposes irrants that well a 1.S.I. Likewise, it roduction and as which could adve	ing upon time, count rate is based and H.S.I assumes btained from the ate of the actual and make no and all associated the customer will sociated ersely affect the	HSI Repr	esentative:	Custom		o rearu		
THE THE LET CHE SICH VECTOR	unless Hurri or approved ast due acco the maximum er amount. In titlon of sald i ch collection has the right to be upon revor and subject to date of issue e adjustment timately requ rms or cash, ented in goor commendation to The Infor- ed and shoul tion performs ondition to enable and on location p one to cash,	or approved accounts are total in ast due accounts may pay intere the maximum allowable by appier amount. In the event it is nece tion of said account, Customer ch collection. In the event that C tast the right to revoke any and a Lipan revocation, the full invoiund subject to collection. Prices date of issue. Pricing does not in eadjustments, actual charges in timately required to perform their ma or cash.  ented in good faith, but no warra commendations made concerning. The information presented is ed and should be used for compition performance. Customer we ondition to receive services by I had continued in the content of the	unless Hurricane Services Inc. (HSI) has approver approved accounts are total involce due on or ast due accounts may pay interest on the balanc the maximum allowable by applicable state or fer amount. In the event it is necessary to employ cition of sald account, Customer hereby agrees to chicollection. In the event that Customer's accounts the right to revoke any and all discounts previous the right to revoke any and all discounts previous the right to revoke any and all discounts previous to collection. Prices quoted are estimately required to collection. Prices quoted are estimately required to perform these services. Discrims or cash, ented in good faith, but no warranty is given by a commendations made concerning results to be one. The Information presented is HSI best estimed and should be used for comparison purposes titled performance. Customer warrants that well to noticition to receive services by H.S.I. Likewise, I naic care of all customer owned production and a on location performing services which could advices.	unless Hurricane Services Inc. (HSI) has approved credit prior to or approved accounts are total invoice due on or before the 30th day ast due accounts may pay interest on the balance past due at the the maximum allowable by applicable state or federal laws if such er amount. In the event it is necessary to employ an agency and/or tition of said account, Customer hereby agrees to pay alf fees directly chicollection. In the event that Customer's account with HSI has the right to revoke any and all discounts previously applied in a tipon revocation, the full invoice price without discount will and subject to collection. Prices quoted are estimates only and are date of issue. Pricing does not include federal, state, or local taxes, e adjustments. 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Jupan revocation, the full invoice price without discount will and subject to collection. Prices quoted are estimates only and are date of issue. Pricing does not include federal, state, or local taxes, e adjustments. Actual charges may vary depending upon time, timately required to perform these services, Discount rate is based ms or cash.  ented in good faith, but no warranty is given by and H.S.I assumes remmendations made concerning results to be obtained from the cer. The Information presented is HSI best estimate of the actual ed and should be used for comparison purposes and make no tion performance. Customer warrants that well and all associated on location performing services which could adversely affect the ces.  **Total Taxable**  **Total Taxable**  Total Taxable**  Total Taxable**  Total Taxable**  Total Taxable**  Total Taxable**  Frac and Acid service treatments designed with intent to increase production on ewby drilled or existing wells are increase production on ewby drilled or existing wells are increase production on ewby drilled or existing wells are increase production on ewby drilled or existing wells are increase production on ewby drilled or existing wells are increase production on ewby drilled or existing wells are fract and Acid service treatments designed with intent to increase production on ewby drilled or existing wells are fract and Acid service treatments designed with intent to increase production on ewby drilled or existing wells are fract and Acid	unless Hurricane Services Inc. 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Actual charges may vary depending upon time, timately required to perform these services. Discount rate is based may or cash.  ented in good faith, but no warranty is given by and H.S.I assumes commendations made concerning results to be obtained from the cor. The Information presented is HSI best estimate of the actual ed and should be used for comparison purposes and make no alton performance. Customer warrants that well and all associated on location performing services by H.S.I. Likewise, the customer will not location performing services which could adversely affect the cost.  **Total Taxable**  **Total Taxable**

## **CEMENTING LOG**

:			CLIT	SENTING EOG				
Company	Owens Petroleum		Lease 0			Vame/No.	Driskill	# 28
Type Job	Longstring	· · · · · · · · · · · · · · · · · · ·	Type & Amt Mat		) + 2% C.C + 1/4 lb	/sk Floseal		
Field	0		Ticket Number	50328	3			
CASING DATA	1	•						
Size	2.875 1			Weight		0 Colla	ır	
Casing Depths		0 Botton						
Drill Pipe:	Size	Weigh		Collars				
Open Hole:	Size	5.875 T.D. (ft	) 1062'	P.B. to (ft)		<u> </u>		
CAPACITY FAC								
Casing	Bbls/Lin. ft.			0579 Lin. ft./Bbl				
Open Holes	Bbls/Lin. ft.		0.	0335 Lin. ft./Bbl				
Drill Pipes	Bbls/Lin. ft.			Lin. ft./Bbl				
Annulus	Bbls/Lin. ft.		0.	0255 Lin. ft./Bbl				
Danfaurit -	Bbls/Lin. ft.	· · · · · · · · · · · · · · · · · · ·	To	Lin. ft./Bbl				
Perforations	From (ft)		То	Amount				
CEMENT DAT								
Spacer Type	Gelled water							
Amt. 12 bbl	Sks Yield		ft <sup>3</sup> / <sub>sk</sub> Density (Pf	PG)	<u> </u>			
	•							
								·····
LEAD								
Pump Time (h			Type	201	Excess		ļ	
Amt.	Sks Yield		ft <sup>3</sup> / <sub>sk</sub> Density (Pl	/G)				
TAIL								
Pump Time (h	rs)			2% gel + .25 floseal	Excess		20%	
Amt.	115 Sks Yield	1.49	ft <sup>3</sup> / <sub>sk</sub> Density (Pl	PG)			14.5	
WATER								
Lead	7.44 gals/sk		Tail	gals/:	sk Total (Bbls.)		20.37	
Pump Trucks	Used						201	
Bulk Equipme	nt							
]							202	
1							202	
	ent: Manufacturer				Donth			
Shoe: Type					Depth Depth			
Float: Type	Ougatity	•	Plugs: Top		Bottom			
Centralizers: Stage Collars	quantity		Fings, 10h		DOCCOLII			
Stage Collars Special Equip	ment							
Disp. Fluid Ty			Amt. (Bbls.)	6.	.9 Weight (PPG)			
Mud Type	Ac 11631IMater		(/	J.	Weight (PPG)			

COMPANY REPRESENTATIVE	Bryson Owens	CE	CEMENTER	Jake Heard	
Committee Manual Committee					

TIME	PRESSU	RES PSI	FLU	JID PUMPED DA	ATA	
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLS MIN.)	— REMARKS
1:00 PM						On location safety meeting
						Spot in and rig up
		-				Hook up to tubing
	100		6		4	Break circulation
	100		12		4	Mix and pump gel
	100		5		4	Pump freshwater
	100		3		4	Mix and pump dyed water
	150		30.51		4	Mix and pump cement
						Stop
						Wash pump and lines
						Drop plug
	100		1		4	1 Displace
	1200		6.9		2	2 Bump plug
			-			Release pressure
						Check floats
	0			· · ·		Shut in well
3:00 PM						Rig down and leave location
						Thanks Jake, Kevin, And Josh