

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1189622

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:			Sec Twp S. R				
Address 2:			Feet from North / South Line of Section				
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section		
Contact Person:			Footages Calculated from Nearest Outside Section Corner:				
Phone: ()			□ NE □ NW	V □SE □SW			
CONTRACTOR: License #			GPS Location: Lat:	, Long:			
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)		
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84			
Purchaser:			County:				
Designate Type of Completion:			Lease Name:	W	ell #:		
	e-Entry	Workover	Field Name:				
	_		Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground: Kelly Bushing:				
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:		
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet		
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well I			If yes, show depth set:				
Operator:			If Alternate II completion, c	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:							
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan			
Plug Back	Conv. to G		(Data must be collected from to				
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls		
Dual Completion			Dewatering method used:_				
SWD			Location of fluid disposal if	hauled offsite:			
ENHR	Permit #:						
GSW Permit #:			Operator Name:				
			Lease Name:				
Spud Date or Date R	eached 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 Approved by: Date:

Page Two



Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ing and shut-in pressu	ires, whe	ther shut-in pre	ssure reac	hed stati	c level, hydrosta	tic pressures, bott			
Final Radioactivity Log files must be submitte						gs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No		L		on (Top), Depth an		Samp	
Samples Sent to Geol	ogical Survey	_ Ye	es No		Nam	е		Тор	Datur	n
Cores Taken Electric Log Run		Y€								
List All E. Logs Run:										
				RECORD	☐ Ne					
				conductor, su	rface, inte	ermediate, producti			T	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and P Additiv	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used	Type and Percent Additives				
Perforate Protect Casing	35p 2310111					-				
Plug Back TD Plug Off Zone										
1 ag on zono										
Did you perform a hydrau	ılic fracturing treatment o	n this well?	•			Yes	No (If No, ski	p questions 2 ar	nd 3)	
	otal base fluid of the hydra		J	,	0		_ , ,	p question 3)	(# 100 t)	
Was the hydraulic fractur	ing treatment information	submitted	to the chemical o	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Cement			Depth
	. ,							,		
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	IR.	Producing Meth Flowing	nod:	g 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er Bl	ols. G	as-Oil Ratio	Gr	ravity
DISDOSITIO	ON OF GAS:			METHOD OF	COMPLE	TION:		PRODUCTIO	ON INTERVAL:	
Vented Sold			Open Hole	Perf.	Dually	Comp. Con	nmingled	THODOUTIC	ZIV IIV I LTIVAL.	
(If vented, Sub			Other (Specify)		(Submit)	ACO-5) (Subi	mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Running Foxes Petroleum Inc.
Well Name	Herrmann 9-4
Doc ID	1189622

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	212	Class 1		3%cc 2%gel
Longstring	7.875	5.5	17	3421	Commom	160	60/40 pozmix



DIAMOND TESTING P.O. Box 157

HOISINGTON, KANSAS 67544

(800) 542-7313

DRILL-STEM TEST TICKET FILE: herrmann9-4dst1

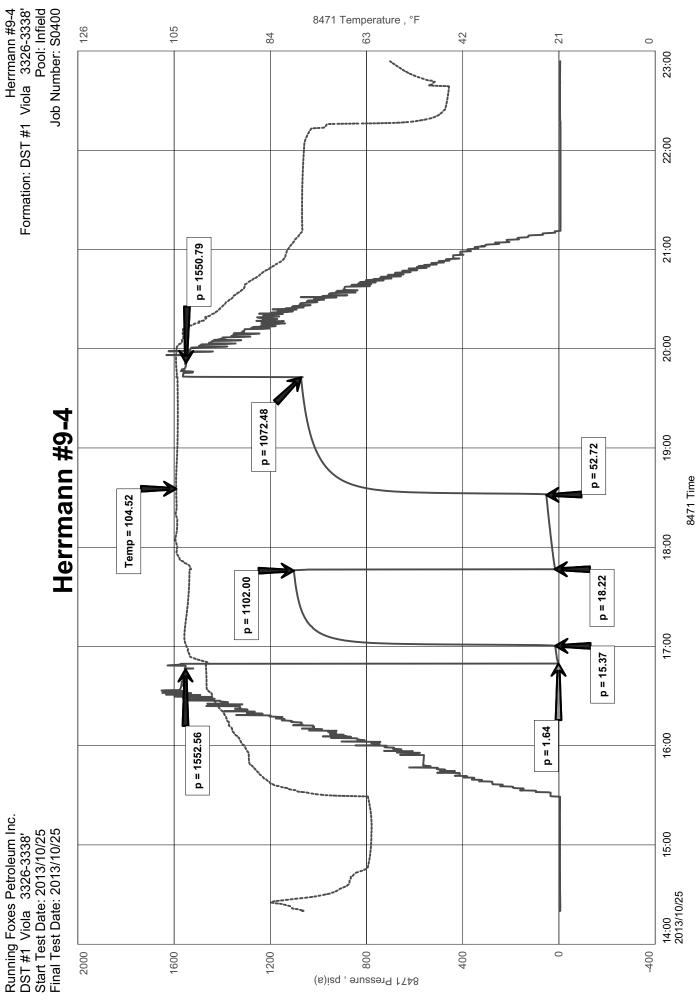
TIME ON: 14:20

TIME OFF: 22:54

Company Running Foxes Petroleum Inc.	Lease & Well No. Herrmann #9-	4					
Contractor C & G Rig #2 Charge to Running Foxes Petroleum Inc.							
Elevation1140 KBFormationVio							
Date 10-25-13 Sec. 4 Twp. 1 S R							
Test Approved By Chad Counts	Diamond Representative	Jacob McCallie					
Formation Test No. 1 Interval Tested from 33	26 ft. to3338 ft. T	otal Depth3338 ft.					
Packer Depth in.	Packer depth	ft. Size6 3/4in.					
Packer Depth 3326_ft. Size 6_3/4 in.	Packer depth	ft. Size6 3/4in.					
Depth of Selective Zone Set							
Top Recorder Depth (Inside) 3314_ft.	Recorder Number84	71 Cap. 10,000 P.S.I.					
Bottom Recorder Depth (Outside)ft.	Recorder Number55	15 Cap. 5,000 P.S.I.					
Below Straddle Recorder Depthft.		CapP.S.I.					
Mud Type CHEMICAL Viscosity 54	Drill Collar Length 28	30 ft. I.D. 2 1/4 in.					
Weight 9.0 Water Loss 9.2 cc.	Weight Pipe Length	ft. I.D2 7/8 in					
Chlorides 600 P.P.M.	Drill Pipe Length302	20 ft. I.D. 3 1/2 in					
Jars: Make STERLING Serial Number N/A	Test Tool Length	26 ft. Tool Size 3 1/2-IF in					
Did Well Flow? NO Reversed Out NO	Anchor Length	12 ft. Size 4 1/2-FH in					
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Size 1	in Bottom Choke Size 5/8 in					
Blow: 1st Open:WSB- Built to 1 3/4" in 10 min							
Blow: 1st Open:WSB- Built to 1 3/4" in 10 min		NOBB					
Blow: 1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min		NOBB					
Blow: 1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI		NOBB					
Blow: 1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M	ΓΥ: 31 @ 60 degrees F	NOBB					
Blow: 1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M Recovered 132 ft. of TOTAL FLUID	ΓΥ: 31 @ 60 degrees F	NOBB					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M Recovered 132 ft. of TOTAL FLUID Recovered ft. of	ΓΥ: 31 @ 60 degrees F	NOBB NOBB					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M TOTAL FLUID Recovered ft. of Recovered ft	ΓΥ: 31 @ 60 degrees F	NOBB NOBB					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M Recovered 132 ft. of TOTAL FLUID Recovered ft. of Recovered	ΓΥ: 31 @ 60 degrees F	NOBB NOBB Price Job Other Charges Insurance					
1st Open: WSB- Built to 1 3/4" in 10 min 2nd Open: WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M TOTAL FLUID Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks: Tool Sample: 39% O 61% M	ΓY: 31 @ 60 degrees F	NOBB NOBB Price Job Other Charges					
1st Open: WSB- Built to 1 3/4" in 10 min 2nd Open: WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M Recovered 132 ft. of TOTAL FLUID Recovered ft. of Recovered	ΓY: 31 @ 60 degrees F	NOBB NOBB Price Job Other Charges Insurance					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M TOTAL FLUID Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks: Tool Sample: 39% O 61% M Time Set Packer(s) 4:50 PM A.M. P.M. Time Started Off Boundaries A.M. P.M. Time Started Off Boundaries Pressure P.M. Time Started Off Boundaries P.M. Time Started Off Boundaries Pressure P.M. Time Started Off Boundaries Pressure P.M. Time Started Off Boundaries P.M. P.M. Time Started Off Boundaries Pressure P.M. P.M. Time Started Off Boundaries P.M. P.M.	TY: 31 @ 60 degrees F	NOBB NOBB Price Job Other Charges Insurance Total Jaximum Temperature 105					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M Recovered 132 ft. of TOTAL FLUID Recovered ft. of Recovered ft. of Recovered ft. of Remarks: Tool Sample: 39% O 61% M Time Set Packer(s) 4:50 PM A.M. P.M. Time Started Off Boundard Hydrostatic Pressure Initial Flow Period Minutes 10	TY: 31 @ 60 degrees F ottom 7:40 PM A.M. M.	NOBB NOBB Price Job Other Charges Insurance Total Jaximum Temperature 105					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M TOTAL FLUID Recovered ft. of Recovered ft. of Recovered ft. of Remarks: Tool Sample: 39% O 61% M Time Set Packer(s) 4:50 PM A.M. P.M. Time Started Off Boundard Flow Period Minutes 10 Initial Flow Period Minutes 45 Minutes Minutes 45 Minutes Minutes Minutes 45 Minutes	TY: 31 @ 60 degrees F ottom 7:40 PM A.M. M.	Price Job Other Charges Insurance Total aximum Temperature 105 to (C) 15 P.S.I.					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M TOTAL FLUID Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks: Tool Sample: 39% O 61% M Time Set Packer(s) 4:50 PM A.M. P.M. Time Started Off Boundard Flow Period Minutes 10 Initial Flow Period Minutes 45 Final Flow Period Minutes 45 Minu	TY: 31 @ 60 degrees F ottom 7:40 PM A.M. M (A) 1553 P.S.I. (B) 2 P.S.I. (D) 1102 P.S.I. (E) 18 P.S.I.	Price Job Other Charges Insurance Total Jaximum Temperature 105 to (C) 15 P.S.I.					
1st Open:WSB- Built to 1 3/4" in 10 min 2nd Open:WSB- Built to 5" in 45 min Recovered 102 ft. of CO 100% O GRAVI Recovered 30 ft. of HMCO 55% O 45% M Recovered 132 ft. of TOTAL FLUID Recovered ft. of Recovered ft. of Recovered ft. of Remarks: Tool Sample: 39% O 61% M Time Set Packer(s) 4:50 PM A.M. P.M. Time Started Off Boundard Flow Period Minutes 10 Initial Flow Period Minutes 45 45 Minutes 45 Minutes 45 Minutes 45 Minutes 15 Minute	TY: 31 @ 60 degrees F ottom 7:40 PM A.M. M. P.M. M.	Price Job Other Charges Insurance Total Jaximum Temperature 105 to (C) 15 P.S.I. to (F) 53 P.S.I.					

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

C:\Documents and Settings\Roger\My Documents\Jacob's Test\2013 TEST\hermann9-4 (north of sabetha)\hermann9-4dstf. ikt 25-Oct-13 Ver



Diamond **Testing**

General information Report

General Information

Company Name Running Foxes Petroleum Inc.

Chad Counts Contact **Well Name**

DST #1 Viola 3326-3338' Representative Unique Well ID Surface Location

Well License Number

Field Livingood Prepared By

Well Type Vertical

Herrmann #9-4 Job Number

Jacob McCallie SEC 4-1S-15E Brown County Well Operator Running Foxes Petroleum Inc.

Report Date 2013/10/25

Jacob McCallie

Drill Stem Test Test Type Formation DST #1 Viola 3326-3338'

Well Fluid Type 01 Oil Start Test Time 14:20:00

Final Test Time 22:54:00

2013/10/25 **Start Test Date Final Test Date** 2013/10/25

Gauge Name 8471

Gauge Serial Number

Test Results

RECOVERED:

GRAVITY: 31 @ 60 degrees F 102' 100% O

HMCO 30' 55% O 45% M

132' **TOTAL FLUID**

TOOL SAMPLE:

39% O 61% M

ALLIED OIL & GAS SERVICES, LLC 054815

Federal Tax I.	D.# 20-5975804			
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SER	VICE POINT:	PC.
	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
			COUNTY	STATE
LEASE Herman WELL # 16-4D LOCATION Sabetha	7N3ENO	Winto	Brown	23
OLD OR NEW Circle one)				
CONTRACTOR COG Dr. 11: 19	OWNER			
TYPE OF JOB SACE TO T.D. 179	OF THE TOTAL			
HOLE SIZE 12/4 T.D. 179 CASING SIZE 8% 23-4 DEPTH 180-5	CEMENT	senes ila.	29	25 1
TUBING SIZE DEPTH	AMOUNT OK	DERED 110c	om 3 lacc	270ge/
DRILL PIPE DEPTH				
TOOL DEPTH				
PRES. MAX MINIMUM	COMMON	110	@ 17.90	1969.00
MEAS. LINE SHOE JOINT 15	POZMIX			1101.00
CEMENT LEFT IN CSG. 15	GEL	2		46.80
PERFS.	CHLORIDE	U	@ 64,00	256.00
DISPLACEMENT 101/2 bb	ASC			<u> </u>
EQUIPMENT				
_ • • • • • • • • • • • • • • • • • • •			_@	
PUMPTRUCK CEMENTER Robert Y			@	
# 409 HELPER Nathan D	·		@	• • • • • • • • • • • • • • • • • • • •
BULK TRUCK	·			
# 410 DRIVER JUSTE C			@	
BULK TRUCK			_ @	
# DRIVER		10. At C 2	_@	
	HANDLING [@ 2.48	295,14
	MILEAGE <i>BI</i>	4.06 t/m		3416.56
REMARKS:			TOTAL	5983,49
run 4; to of 85/8 23# pump 6/2 bb/of water	_			
run 4jts of 85/3 23# pump 6/2 bblof water to get circa lation mix 110skcom 32cc 290gel displace 10/2 bbl water shut in		SERVI	CE	<i>*</i>
	DEPTH OF JOI	В	1	79
	PUMP TRUCK			12,25
	EXTRA FOOTA	AGE	@	
Coment did circulate to surface	MILEAGE 2	INVH SP	@ 7.70	1863.46
	, MANIFOLD		_@	·
Thank you!	/ MANIFOLD	12 LVMI	_@ <i>4.40</i>	1064.80
.A			_@	
CHARGE TO: Rossing Fox			TOTAL	4440.45
STREET			IOIAL	IIIO,N
CITYSTATEZJP	r	LUG & FLOAT	r eathdmen	ı r
	1	DOG & PLOA!	CEQUITATE	••
			_@	
To: Allied Oil & Gas Services, LLC.			_@	
You are hereby requested to rent cementing equipment				
and furnish cementer and helper(s) to assist owner or			_@	
contractor to do work as is listed. The above work was				
done to satisfaction and supervision of owner agent or			TOTAL	
contractor. I have read and understand the "GENERAL		•		
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (H	f Any)		
			9 IJ	
	ТОТАІ СНАРА	GES <i>I/O 47</i> ? . °	7 7	
DD1417770 MAAAT	TOTAL CHAR			
PRINTED NAME	DISCOUNT_Z	GES 10.423.5 2084.79 339.15		D IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 054899 Federal Tax 1.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 6766.	5		SERV	ICE POINT:	ell K
DATE / 0 . 26./3 TWP.	RANGE /5	CALLED OUT	ON LOCATION	JOB START	10B FINISH
	LOCATION S	abetha, Ko		COUNTY Brown	STATE
OLD OR NEW (Circle one)	n on 7/1	wy 75 to id:	330 4/2e		
CONTRACTOR C&G F	>Fillin)	OWNER	h into		
TYPE OF JOB _ LS- Produ	chion	OHITEK			
HOLE SIZE 78 T.D.	0.101	CEMENT	1.7		8
CASING SIZE DEP		AMOUNT O	RDERED //	008/6 - Bland	*
DRILL PIPE DEP			#3C -	- Blond	
TOOL DEP					
	IMUM	COMMON_	[ledsk	_@ <u>/7.9</u>	\$ 2,864.0
MEAS. LINE SHO CEMENT LEFT IN CSG. 42.24)	E JOINT 卆 2	<u>29 </u>	344	@ @23.4	\$ 70.2
PERFS.		GEL CHLORIDE	2210	_@ <u>2</u>	7 70.2
DISPLACEMENT 78·39年	20	ASC / 	054	@	
EQUIPMENT	ı	<u> </u>		_@	& hillion
	P James	- Gypsial	- 195K - 185K	_@_ <u>37.60</u>	\$ 714.4
PUMPTRUCK CEMENTER DAY	1 2	Tho-Sea		@ <u>24.55</u> @ 2.57	
# 409 HELPER NAHLON BULKTRUCK	v			_@	-
# 410 DRIVER DANN	3 S.	1 20 6 11	Al al I	· @ 	d=3.77
BULK TRUCK	0	- 12 mm	ell Phish	<u>ලර්පි.'7</u> ා	\$704.40
# DRIVER		— HANDLING	192.02 FL	2 1.48	\$ 476.20
		MILEAGE _	2,083-02 70	n 260	\$5,415.83
REMARKS:				TOTAL	\$10317.38
A Kan Flost Equipment & Circulated I had make a Ran 160 sk Asc 2 21	r to ->w/s	Tug of Flood Equ	SERVI	CE	10,193,58
coment to sindacu.	_	DEPTH OF J	ОВ		3421.50
# Displaced certain 3 78			K CHARGE		<u>#2,558,</u> 74
Cerust Circulated to	gsi Ennloss.	EXTRA FOO	TAGE Legy 242 m	_@	5 7 863.4
- Correct Christian 1.	and a		Light 2422		
/M	an Ms	— MAIM OLD	477	@	
	-	-		_@	
CHARGE TO: Munning	40xes_				10,10,9
STREET				TOTAI	5,486.9
CITYSTATE	ZIP	<u>.</u>	PLUG & FLOAT	EQUIPME	NT
·		1 x 5 /2	Flogt Stop	_@	4 339.30 4398.75
		12 × 5 %	Centralizer	@ 28.4	3 4 3 18 2v
To: Allied Oil & Gas Services, LLC.		2 25/20	Basket	@ 159.4	08.818.60
You are hereby requested to rent ceme and furnish cementer and helper(s) to		110		_@	
contractor to do work as is listed. The					-L 1191 25
done to satisfaction and supervision o	•			TOTA	×1426.05
contractor. I have read and understan			(If Any)		
TERMS AND CONDITIONS" listed	on the reverse s	side.	(II Ally)———————————————————————————————————	711 50	
01.0	14	TOTAL CHA	rges\$ 17,	<u>, , , , , , , , , , , , , , , , , , , </u>	<u> </u>
PRINTED NAME Butch Car M	TI		5 <u>3,256.11</u>		ID IN 30 DAYS
SIGNATURE Bulds Currel			et 14,450	.48	
1500					
	,				