KOLAR Document ID: 1464963

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
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: sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladica offsite.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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 Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II Approved by: Date:				

KOLAR Document ID: 1464963

Page Two

Operator Name: _				Lease Name:			Well #:		
Sec Twp.	S. R.	E	ast West	County:					
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,	
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample	
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:			☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No						
		B	CASING eport all strings set-c		New Used	ion, etc.			
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD				
Purpose: Depth Top Bottom			ype of Cement	# Sacks Used		Type and F	Percent Additives		
Perforate Protect Casi Plug Back T									
Plug Off Zone									
1. Did you perform a hydraulic fracturing treatment on this well? 2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? 3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No (If No, skip questions 2 and 3) No (If No, skip question 3) Yes No (If No, fill out Page Three of the ACO-1)									
Date of first Production/Injection or Resumed Production/ Injection: Producing Method: Flowing Pumping Gas Lift Other (Explain)									
Estimated Production Oil Bbls. Gas Per 24 Hours			Mcf Water Bbls. Gas-Oil Ratio		Gravity				
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:				DN INTERVAL: Bottom					
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT	
,	,			B.11 B1					
Shots Per Foot	Shots Per Perforation Perforation Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record Foot Top Bottom Type Set At (Amount and Kind of Material Used)		Record						
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:					
TODING RECORD:	. 3126.	Set	n.	i donei Al.					

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	SHARRON 5B
Doc ID	1464963

Tops

Name	Тор	Datum
Heebner	3650	-2091
Lansing	3859	-2300
Stark	4235	-2676
B/KS	4322	-2763
Mississippi	4406	-2847
Kinderhook	4597	-3038
Viola	4703	-3144
Simpson Sand	4802	-3243

Form	ACO1 - Well Completion	
Operator	Griffin, Charles N.	
Well Name	SHARRON 5B	
Doc ID	1464963	

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	269	Common	225	3% CC, 2% Gel
Production	7.875	5.5	15.5	4875	AA2	200	2% Gel, 10% Salt, 5# Koseal, 3/4% CFR2



Prepared For: Charles N Griffin

PO Box 347 Pratt, KS 67124

ATTN: Bruce Reed

Sharron #5B

33-32S-12W Barber,KS

Start Date: 2019.03.16 @ 03:40:00

End Date: 2019.03.16 @ 12:32:02

Job Ticket #: 64956 DS

DST#: 1

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Charles N Griffin

PO Box 347 Pratt, KS 67124

ATTN: Bruce Reed

33-32S-12W Barber, KS

Sharron #5B

Job Ticket: 64956

DST#:1

Test Start: 2019.03.16 @ 03:40:00

Leal Cason

GENERAL INFORMATION:

Formation:

Simpson

Deviated:

No Whipstock: ft (KB)

Time Tool Opened: 06:54:47 Time Test Ended: 12:32:02

Interval:

4790.00 ft (KB) To 4814.00 ft (KB) (TVD)

Total Depth:

4814.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester:

Unit No:

Reference Elevations:

1559.00 ft (KB)

1548.00 ft (CF)

psig

KB to GR/CF:

11.00 ft

Serial #: 8672 Press@RunDepth: Inside

105.05 psig @

4791.00 ft (KB)

2019.03.16

Capacity:

Start Date: Start Time:

2019.03.16

End Date:

Last Calib.:

2019.03.16

03:40:01

End Time:

12:32:02

Time On Btm:

2019.03.16 @ 06:54:17

Time Off Btm:

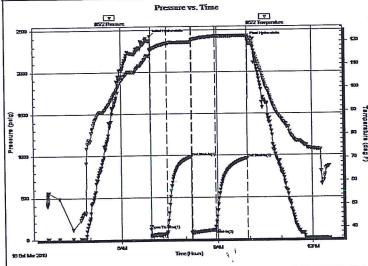
2019.03.16 @ 09:57:32

TEST COMMENT: IF: Strong Blow, BOB in 5 minutes, Built to 64"

ISI: No Blow Back

FF: Strong Blow, BOB in 1 minute, Built to 118"

FSI: Blow Back Built to 1 1/2"



PRESSURE	SUMMARY

-	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2425.55	116.29	Initial Hydro-static
	1	114.85	116.33	Open To Flow (1)
	31	61.41	119.14	Shut-ln(1)
	77	983.60	119.54	End Shut-In(1)
1	78	62.33	120.44	Open To Flow (2)
	122	105.05	122.13	Shut-In(2)
ration (dan	183	966.91	122.28	End Shut-In(2)
3	184	2387.72	121.67	Final Hydro-static
				∴ :::
			¥	

Recovery

0.00 2113 GIP 0.00 115.00 GOMCW 6%G 20%O 10%M 74%W 0.57 126.00 GOCM 10%G 40%O 50%M 1.77	GOMCW 6%G 20%O 10%M 74%W 0.5)
126.00 GOCM 10%G 40%O 50%M 1.77	GOIVIOV 6766 26766 1676111 17611	
	GOCM 10% G 40% O 50% M 1.7	7
0.50	00000 10700 10701	7
40.00 GSOCM 20%G 10%O 70%M 0.56	GSOCM 20%G 10%O 70%M 0.5	3

Gas Rates

Gas Rate (MMcf/d) Choke (inches) Pressure (psig)

Trilobite Testing, Inc

Ref. No: 64956



Charles N Griffin

33-32S-12W Barber, KS

PO Box 347 Pratt, KS 67124 Sharron #5B

Job Ticket: 64956

DST#: 1

ATTN: Bruce Reed

Test Start: 2019.03.16 @ 03:40:00

GENERAL INFORMATION:

Formation:

Simpson

Deviated:

No Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Leal Cason

Unit No:

74

Reference Elevations:

1559.00 ft (KB) 1548.00 ft (CF)

KB to GR/CF:

11.00 ft

Interval:

4790.00 ft (KB) To 4814.00 ft (KB) (TVD)

Time Tool Opened: 06:54:47 Time Test Ended: 12:32:02

¹4814.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

7.88 inches Hole Condition: Good

Serial #: 6751

Outside Press@RunDepth:

psig @ 2019.03.16

End Date:

4791.00 ft (KB)

2019.03.16

Last Calib .:

psig

Start Date: Start Time:

03:40:01

End Time:

12:32:02

Time

Time On Btm: Time Off Btm:

Capacity:

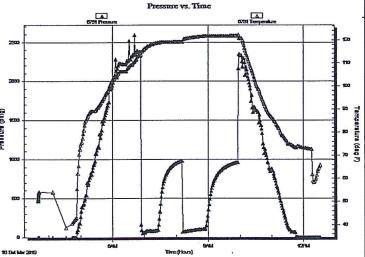
2019.03.16

TEST COMMENT: IF: Strong Blow, BOB in 5 minutes, Built to 64"

ISI: No Blow Back

FF: Strong Blow, BOB in 1 minute, Built to 118"

FSI: Blow Back Built to 1 1/2"



PF	RESSUR	RE SUMMARY
Pressure	Temp	Annotation

(Min.)	(psig)	(deg F)	Alliotation
	-		•

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2113 GIP	0.00
115.00	GOMCW 6%G 20%O 10%M 74%W	0.57
126.00	GOCM 10%G 40%O 50%M	1.77
40.00	GSOCM 20%G 10%O 70%M	0.56

Gas Rates

Gas Rate (MMcf/d) Choke (inches) | Pressure (psig)

Trilobite Testing, Inc

Ref. No: 64956



TOOL DIAGRAM

Charles N Griffin

33-32S-12W Barber, KS

PO Box 347 Pratt, KS 67124

Sharron #5B Job Ticket: 64956

DST#: 1

ATTN: Bruce Reed

Test Start: 2019.03.16 @ 03:40:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length: 4670.00 ft Diameter:

Length:

115.00 ft Diameter:

0.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

65.51 bbl 0.00 bbl 0.57 bbl

66.08 bbl

Tool Weight:

2100.00 lb Weight set on Packer: 25000.00 lb

Weight to Pull Loose: 80000.00 lb

Tool Chased

String Weight: Initial 65000.00 lb

Drill Pipe Above KB:

Depth to Top Packer: Depth to Bottom Packer:

4790.00 ft

21.00 ft

ft

Total Volume:

66000.00 lb Final

Interval between Packers: Tool Length: Number of Packers:

24.00 ft 50.00 ft

2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4769.00		
Hydraulic tool	5.00			4774.00		
Jars	5.00			4779.00		
Safety Joint	2.00			4781.00		
Packer	5.00			4786.00	26.00·	Bottom Of Top Packer
Packer	4.00			4790.00		
Stubb	1.00			4791.00		
Recorder	0.00	8672	Inside	4791.00		
Recorder	0.00	6751	Outside	4791.00		
Perforations	20.00			4811.00		
Bullnose	3.00	×		4814.00	24.00	Bottom Packers & Anchor

Total Tool Length:

50.00

Trilobite Testing, Inc

Ref. No: 64956



FLUID SUMMARY

Charles N Griffin

33-32S-12W Barber, KS

PO Box 347 Pratt, KS 67124

Sharron #5B

Job Ticket: 64956

DST#:1

ATTN: Bruce Reed

Test Start: 2019.03.16 @ 03:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

9.00 lb/gal 49.00 sec/qt

Viscosity: Water Loss:

Resistivity: Salinity:

Filter Cake:

ohm.m 5000.00 ppm

7.99 in³

0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbl

ft

psig

Oil API: Water Salinity: deg API

74000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2113 GIP	0.000
115.00	GOMCW 6%G 20%O 10%M 74%W	0.566
126.00	GOCM 10%G 40%O 50%M	1.767
40.00	GSOCM 20%G 10%O 70%M	0.561

Total Length:

281.00 ft

Total Volume:

2.894 bbl

0

Num Fluid Samples: 0

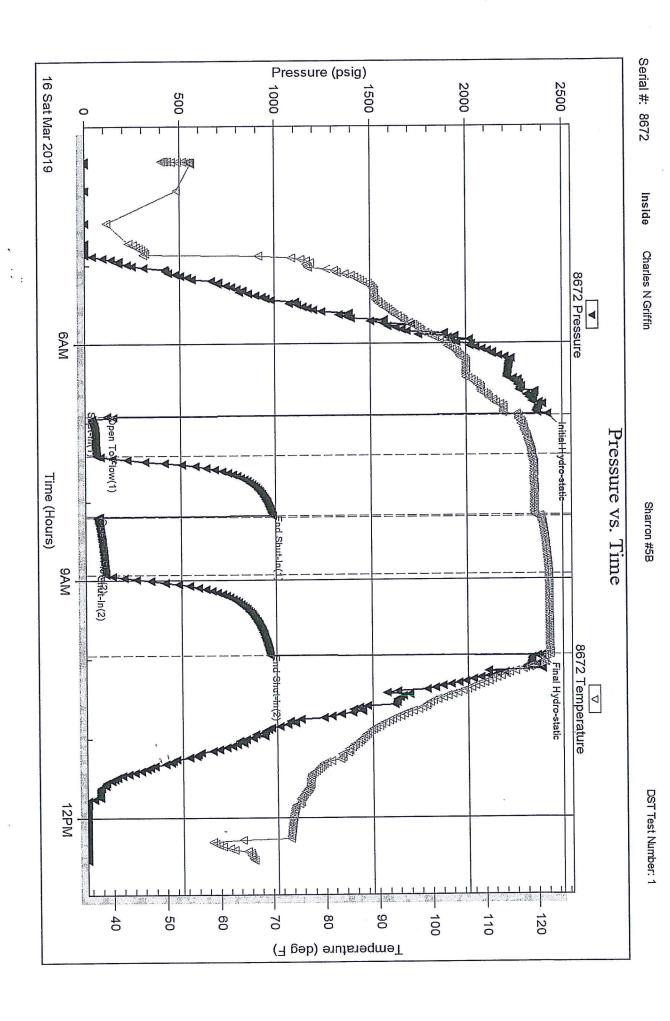
Num Gas Bombs:

Serial #:

Laboratory Name:

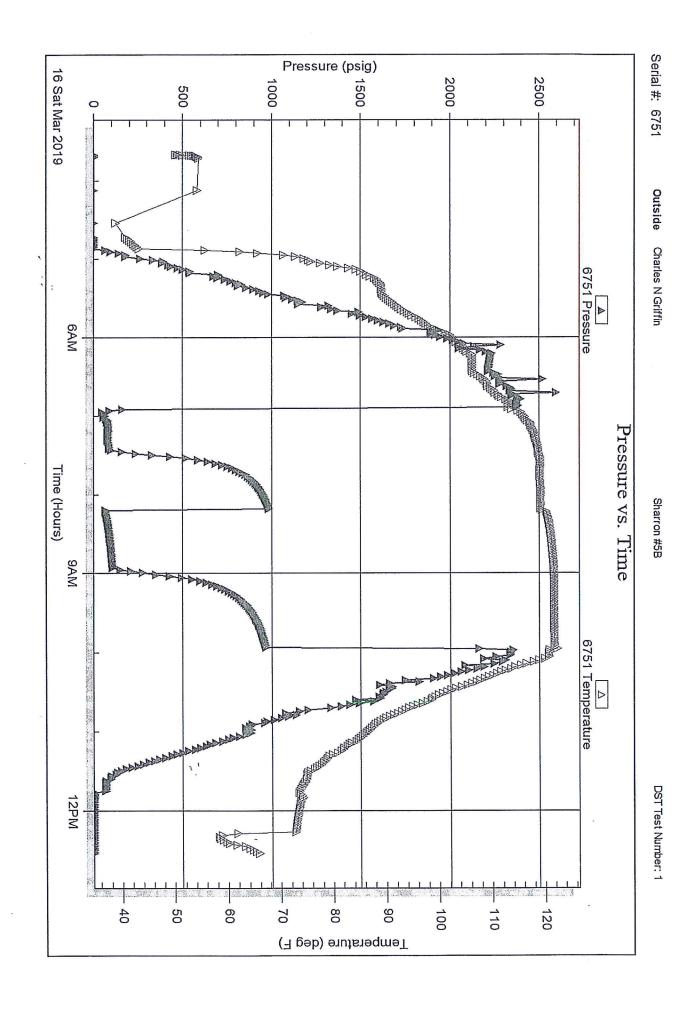
Laboratory Location:

Recovery Comments: RW was .16 @ 54 degrees



Trilobite Testing, Inc

Ref. No: 64956



Trilobite Testing, Inc

Ref. No:

64956

QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-727-3410 Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

Sec.	Twp. Range		County	State	On Location	Finish			
Date 3-12-19 33	325 12W	6	ALBER	KJ					
Lease SHAROW W	/ell No. 53	Locati	ion MED LOGGE, Y, S DT HWY ZOI						
Contractor WW DZ/C		FALOUT HILL	Pd Maw	S: Wito					
Type Job SueFACE	To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish								
Hole Size 121/4	T.D. / 269		cementer an	d helper to assist owr	ner or contractor to d	o work as listed.			
Csg. 678 Z31	Depth 269		Charge CHAZKS FRITTIN						
Tbg. Size	Depth 👉		Street						
Tool	Depth		City		State				
Cement Left in Csg. 25	Shoe Joint 25		The above wa	s done to satisfaction an	,	agent or contractor.			
Meas Line	Displace		Cement Amo	ount Ordered 22	55 (lonn)	DV			
EQUIPM	MENT		21.E	631.11/4"	PI				
Pumptrk & No.			Common Z	25					
Bulktrk 10 No. Jalco			Poz. Mix						
Bulktrk No.			Gel.						
Pickup No.			Calcium &	3					
JOB SERVICES	& REMARKS		Hulls						
Rat Hole			Salt						
Mouse Hole			Flowseal 50.25						
Centralizers			Kol-Seal Kol-Seal						
Baskets			Mud CLR 48						
D/V or Port Collar		1 = 1	CFL-117 or CD110 CAF 38						
Kun 6 45 878 231	CSS SEL 2	68'	Sand						
Csg on Bottom Ha	ook up to co	ig .	Handling 237						
Becak Ciec WIR	ia		Mileage 35						
STAZE RIMOING 12	Bals HZO		FLOAT EQUIPMENT						
STACE Mix & Bomp	225 50		Guide Shoe						
Common Chick	3/.CL'A' PS		Centralizer						
D.50 15.6 Bhi	H20		Baskets						
De Close VOIVE O	AFU Inserts								
Goso Circther To:	>		Float Shoe						
CIEL CHAT TO P.+			Latch Down						
			SERVICE Sps. IFA						
Imilyou	Lmv 30								
Please (Pumptrk Charge Sor FACE								
7700	1.		Mileage 60						
1000 T	IJAKC				Tax				
V 4					Discount				
X Signature	10-		11= ',		Total Charge				

7079

QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124
Mailing Address P.O. Box 468

Office 620-727-3410 Fax 620-672-3663 Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

	Sec.	Twp.	Range	,	County	State		On Location	Finish		
Date 3-17-19	33	32S	12W		ebez	Ks	3	Off Location	FILIISII		
Lease SHARON	W	Vell No.				Odae K	5 S 0	1 281 HWY 1	D Plenenth!		
Contractor WW Dela Pig # 14					Owner 1.5			WARD 2.5 W			
Type Job 41/2 LS.))			To Quality W	ell Service, I	nc.	cementing equipme			
Hole Size 77/8 T.D. 4676					cementer an	d helper to a	assist ow	ner or contractor to	do work as listed.		
Csg. 412 10.5 Depth 4875					Charge G	eiffin	CHAI	ZIES			
Tbg. Size Depth					Street			Resident Follows			
Tool		Depth	į		City			State			
Cement Left in Csg. 21.	22	Shoe Jo	oint 21.22		The above wa	s done to sati	sfaction ar	nd supervision of owne	r agent or contractor.		
Meas Line		Displac	e 77.20		Cement Amo	ount Ordered	002 F	sc PROC			
	EQUIPN	/IENT			2%. EL 10	0/. SA 1+	54/5	Kostal			
Pumptrk & No.	FI				Common	2005×					
	TAKE				Poz. Mix						
Bulktrk No.					Gel. 4 SX		e				
Pickup No.					Calcium				mar year and		
	RVICES	& REMA	RKS		Hulls						
Rat Hole 30 Sk					Salt 22 Sx						
Mouse Hole 20 Sc					Flowseal						
Centralizers 1-2.3-4-5	5-6				Kol-Seal 1006						
Baskets					Mud CLR 48	50090	<i>s</i> L				
D/V or Port Collar					CFL-117 or	CD110 CAF	38 C(-	1 6 gal	LAT YEAR		
Run 119-45-41/2 10	200	,			Sand 23						
AFU Float SHOE ! LI					Handling 246						
CSG on Bottom	* TF	19 Bo	ttom		Mileage 20						
RECALL CIZA WIEN	S DIS	0 Ball	1 ciac 451	nu	41/2 FLOAT EQUIPMENT						
STAG Paming Per		5 54	6, 113		Guide Shoe						
12Bb/s MF 5 Bb/1.		7-			Centralizer 6 EA						
START Plug R.M	140/69	5 505			Baskets						
STACT MIX PUMP 150 x Bown (sg					AFU Inserts						
SHUT DOWN WOLL	lig	Float Shoe EA									
START DISP ZIKEL					Latch Down EA						
Plug down 77.2 ost 1100"					SENICE Sp.						
Plug down 77.2		LMV .30									
Ps. up 1505"					Pumptrk Charge Long steing						
KELENSE: HELD	1/2 3	1 Ba			Mileage (6)						
Good Circ thep	, 103	T	honkyw	- M. I.				Tax			
Y Pleuse	(011	HEAM	V Ton TS	JAIC				Discount			
X Signature							Total Charge	Taylor Printing, Inc.			
•									rayior Filling, Inc.		

