

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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 III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BUHRLE1DST1

TIME ON: 00:46
TIME OFF: 08:22

Company RJM Company Lease & Well No. Buhrle #1
Contractor Southwind Drlg. Rig #3 Charge to RJM Company
Elevation 2222' KB Formation Cherokee Sand Effective Pay _____ Ft. Ticket No. F435
Date 8-7-16 Sec. 9 Twp. 20s S Range 19w W County Pawnee State KANSAS
Test Approved By Jim Musgrove Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 4140 ft. to 4192 ft. Total Depth 4192 ft.
Packer Depth 4135 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4140 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4118 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4143 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 63 (1# LCM) Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3,984 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&SJ Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 52 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: Blow increased to BOB in 5 minutes. Blowback @ 1"

2nd Open: Blow increased to BOB in 7 minutes. No blowback.

Recovered 15 ft. of Clean Oil 100% o
Recovered 441 ft. of M&OCW 10% o, 10% m, 80% w
Recovered 252 ft. of SOC MCW 4% o, 20% m, 76% w
Recovered 252 ft. of Oil Specked SMCW <1% o, 10% m, >89% w

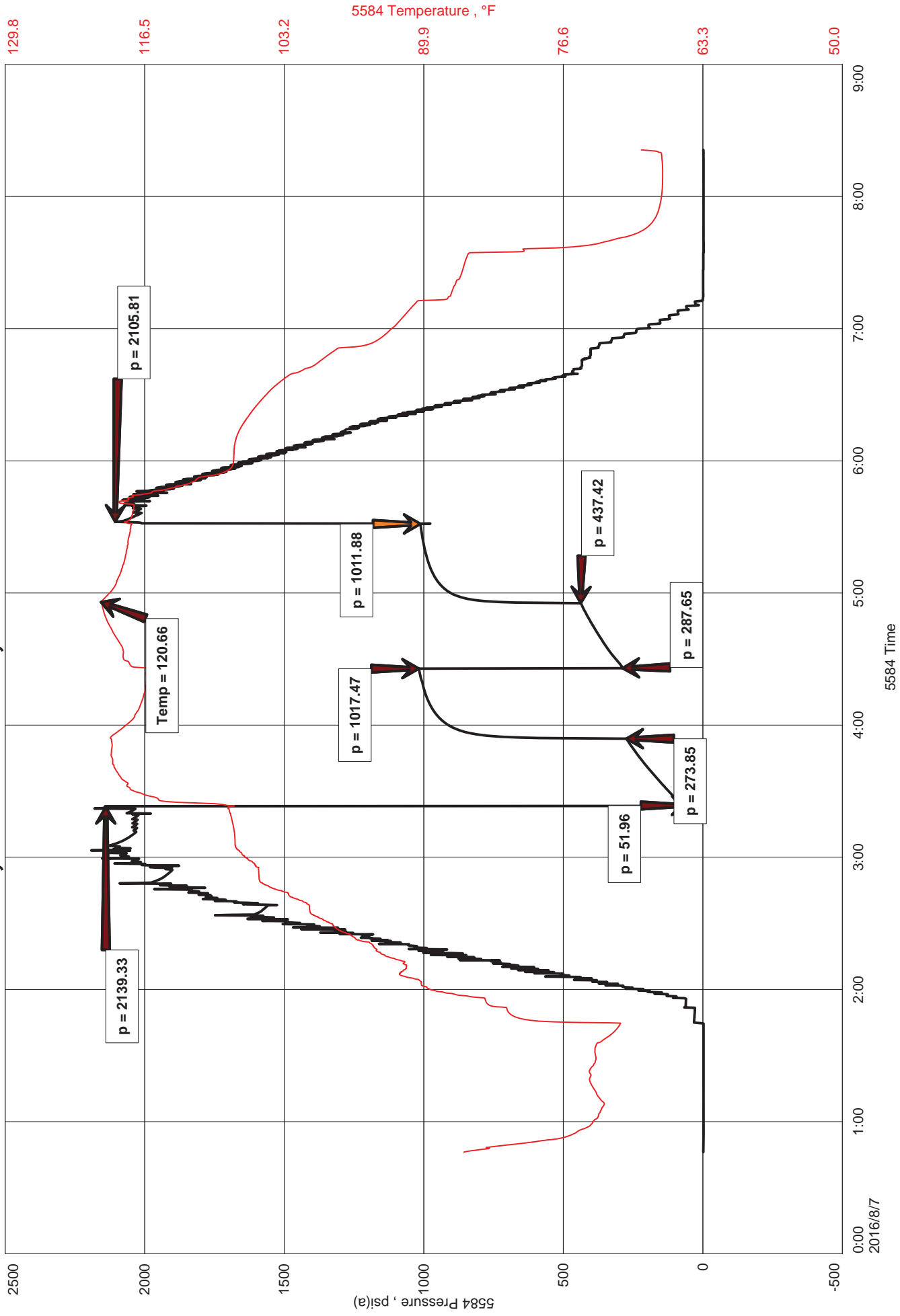
Recovered _____ ft. of <u>TOTAL RECOVERED FLUID: 945'</u>	Price Job
Recovered _____ ft. of <u>180' Gas In Pipe</u>	Other Charges
Remarks: <u>37.5 gravity @ 60 F</u>	Insurance
<u>30,000 ppm Chl</u>	
<u>RW: .23 ohm @ 70 F</u> <u>PH: 7.5</u>	Total

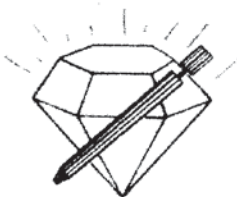
Time Set Packer(s) 03:30 A.M. P.M. Time Started Off Bottom 05:30 A.M. P.M. Maximum Temperature 121 F

Initial Hydrostatic Pressure..... (A) 2139 P.S.I.
Initial Flow Period..... Minutes 30 (B) 52 P.S.I. to (C) 274 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1017 P.S.I.
Final Flow Period..... Minutes 30 (E) 288 P.S.I. to (F) 437 P.S.I.
Final Closed In Period..... Minutes 30 (G) 1012 P.S.I.
Final Hydrostatic Pressure..... (H) 2106 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.

DST #1, BUHRLE #1, CHEROKEE SAND





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BUHRLE DST 1

ON LOCATION: 23:45
 START RECORDERS: 00:46
 STOP RECORDERS: 08:22

Company RJM COMPANY Lease & Well No. BUHRLE #1
 Contractor SOUTHWIND DRW RIG #3 Charge to RJM COMPANY
 Elevation 2222 KB Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. F435
 Date 8-7-16 Sec. 9 Twp. 20S Range 19W County PAWNEE State KANSAS
 Test Approved By JIM MUSGROVE Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 4140 ft. to 4192 ft. Total Depth 4192 ft.
 Packer Depth 4135 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4140 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4118 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4143 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 63 (1# LCM) Drill Collar Length 123 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 4000 P.P.M. Drill Pipe Length 3984 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J & S JNT Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 52 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 18' PERFORATIONS in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INC. TO BOB IN 5 MIN. BLOW BACK @ 1"
 2nd Open: BLOW INC. TO BOB IN 7 MIN. NO BLOWBACK.

Recovered 15 ft. of CLEAN OIL 100" OIL
 Recovered 441 ft. of M & O CW 10" OIL, 10" m, 80" w
 Recovered 252 ft. of SOC MCW 4" OIL, 20" m, 76" w
 Recovered 252 ft. of OIL SPECKED SMCW <1" OIL, 10" m, 789" w

Recovered _____ ft. of TOTAL RECOVERED FLUID = 945' Price Job _____
 Recovered _____ ft. of 180' GAS IN PIPE Other Charges J & S JNT

Remarks: 30,000 PPM CHLORIDES 176 MRT (PRATT)

37 1/2 GRAVITY @ 60°F

PH: 7 1/2 RW: .23 Ω @ 70°F Total _____

Time Set Packer(s) 03:30 A.M. P.M. Time Started Off Bottom 05:30 A.M. P.M. Maximum Temperature 121°F

Initial Hydrostatic Pressure..... (A) 2139 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 52 P.S.I. to (C) 274 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1017 P.S.I.
 Final Flow Period..... Minutes 30 (E) 288 P.S.I. to (F) 437 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 1012 P.S.I.
 Final Hydrostatic Pressure..... (H) 2106 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.

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

Well Name	Buhrle #1
Company Name	RJM Company
Formation	DST #1, Cherokee Sand, 4140'-4192'
Test Type	Bottom-Hole w/J&J
Surface Location	Sec 9-20s-19w-Pawnee-KS
KB Elevation (SL)	677.266
Gauge Name	5584
Start Test Date	2016/08/07
Start Test Time	00:46:00
Final Test Date	2016/08/07
Final Test Time	08:22:00
Job Number	F435
Contact	
Site Contact	Jim Musgrove

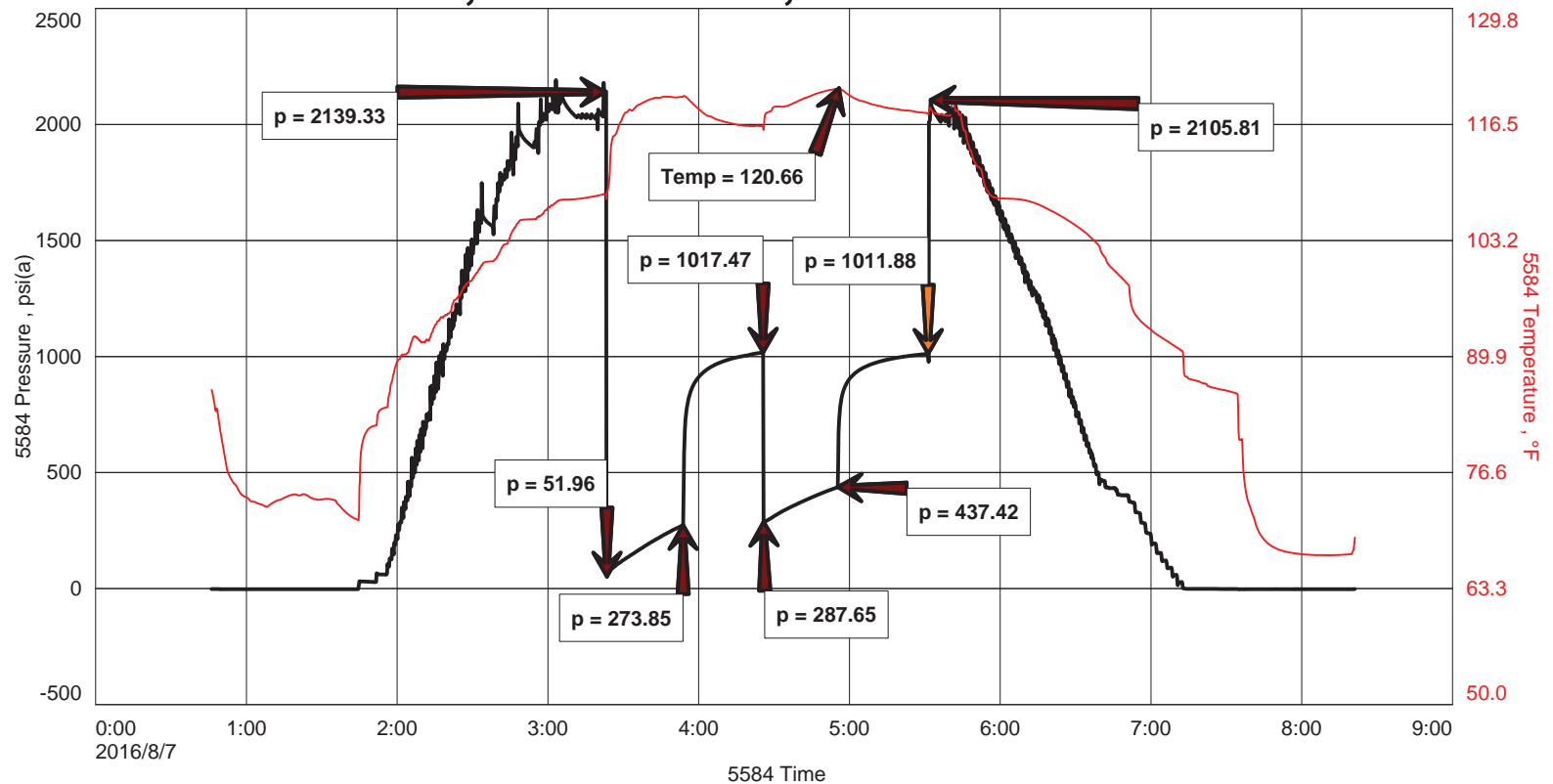
TEST RESULTS

Initial Flow, blow increased to BOB in 5 minutes. Blowback @ 1".
 Final Flow, blow increased to BOB in 7 minutes. No blowback.

TOTAL RECOVERED FLUID: 945'

15'	Clean Oil	100% o
441'	M&OCW	10% o, 10% m, 80% w
252'	SOC MCW	4% o, 20% m, 76% w
252'	Oil Specked SMCW	<1% o, 10% m, >89% w
----	180' Gas In Pipe	
----	37.5 gravity oil @ 60 F	
----	30,000 PPM CHL	
----	RW: .23 ohm @ 70 F	
----	PH: 7.5	

DST #1, BUHRLE #1, CHEROKEE SAND



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1741

Date	8-2-16	Sec.	9	Twp.	20	Range	19	County	Pawnee	State	Ks	On Location		Finish	12:15 AM
Lease	Buhle		Well No.		1		Owner		Pawnee County 6 1/2 W, N/5						
Contractor	Southwind		3		To Quality Oilwell Cementing, Inc. 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	Surface														
Hole Size	12 1/4"		T.D.		457'		Charge To		RJ M Company						
Csg.	8 7/8"		Depth		457'		Street								
Tbg. Size			Depth				City				State				
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	20'		Shoe Joint		20'		Cement Amount Ordered		200 60/40 3% CC						
Meas Line			Displace		27 3/4 BES		2% Gel								
EQUIPMENT							Common								
Pumptrk	18	No.	Cementer	Rick											
			Helper												
Bulktrk	14	No.	Driver	Doug		Poz. Mix									
			Driver	Gel.											
Bulktrk		No.	Driver	Calcium											
			Driver												
JOB SERVICES & REMARKS							Hulls								
Remarks:	Cement did Circulate		Salt												
Rat Hole	Flowseal														
Mouse Hole	Kol-Seal														
Centralizers	Mud CLR 48														
Baskets	CFL-117 or CD110 CAF 38														
D/V or Port Collar	Sand														
							Handling								
							Mileage								
							FLOAT EQUIPMENT								
							Guide Shoe								
							Centralizer								
							Baskets								
							AFU Inserts								
							Float Shoe								
							Latch Down								
							Pumptrk Charge								
							Mileage								
							Tax								
							Discount								
							Total Charge								
X Signature	Jay Krew														

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1745

Date	8-7-16	Sec.	9	Twp.	20	Range	19	County	Pawnee	State	Ks	On Location		Finish	3:40PM
Lease								Well No.		Owner					
Buhle								1		County, 6 1/2 W, N1/4					
Contractor								To Quality Oilwell Cementing, Inc.							
Southwind #3								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								Charge To							
Plug								RTM Company							
Hole Size								T.D.		Street					
7 7/8"								4193'							
Csg.								Depth		City					
Tbg. Size								Depth		State					
4 1/2" D.P.								1390'							
Tool								The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered					
Meas Line								Displace		150 5x 60/40 4% Gel					
H20															
EQUIPMENT								Common							
Pumptrk								No.		Cementer					
18										Craig					
Bulktrk								No.		Driver					
										Brett					
Bulktrk								No.		Driver					
D.M.										Rick					
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
1390' - 50 5x								Flowseal							
Rat Hole								Kol-Seal							
500' - 50 5x								Mud CLR 48							
Mouse Hole								CFL-117 or CD110 CAF 38							
60' - 20 5x								Sand							
Centralizers								Handling							
Rathole - w/ 30 5x								Cement d.d. Circulate							
Baskets								Mileage							
D/V or Port Collar								FLOAT EQUIPMENT							
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
								Total Charge							
X Signature															
Jay Buhle															

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– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1741

Date	8-2-16	Sec.	9	Twp.	20	Range	19	County	Pawnee	State	Ks	On Location		Finish	12:15 AM
Lease	Buhle		Well No.		1		Owner		Pawnee County 6 1/2 W, N/5						
Contractor	Southwind		3		To Quality Oilwell Cementing, Inc. 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	Surface														
Hole Size	12 1/4"		T.D.		457'		Charge To		RJ M Company						
Csg.	8 7/8"		Depth		457'		Street								
Tbg. Size			Depth				City				State				
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	20'		Shoe Joint		20'		Cement Amount Ordered		200 60/40 3% CC						
Meas Line			Displace		27 3/4 BES		2% Gel								
EQUIPMENT							Common								
Pumptrk	18	No.	Cementer	Rick		Poz. Mix									
			Helper												
Bulktrk	14	No.	Driver	Doug		Gel.									
			Driver												
Bulktrk		No.	Driver			Calcium									
			Driver												
JOB SERVICES & REMARKS							Hulls								
Remarks:	Cement did Circulate		Salt												
Rat Hole			Flowseal												
Mouse Hole			Kol-Seal												
Centralizers			Mud CLR 48												
Baskets			CFL-117 or CD110 CAF 38												
D/V or Port Collar			Sand												
			Handling												
			Mileage												
FLOAT EQUIPMENT															
			Guide Shoe												
			Centralizer												
			Baskets												
			AFU Inserts												
			Float Shoe												
			Latch Down												
			Pumptrk Charge												
			Mileage												
			Tax												
			Discount												
			Total Charge												
X Signature	Jay Krew														

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

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(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

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WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

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Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1745

Date	8-7-16	Sec.	9	Twp.	20	Range	19	County	Pawnee	State	Ks	On Location		Finish	3:40PM
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Location *Bush Center, Ks - 10 S to X Rd in Pawnee*

Lease	<i>Buhle</i>	Well No.	<i>1</i>	Owner	<i>County, 6 1/2 W, N1S</i>
Contractor	<i>Southwind #3</i>	To Quality Oilwell Cementing, Inc. 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	<i>Plug</i>				
Hole Size	<i>7 7/8"</i>	T.D.	<i>4193'</i>	Charge To	<i>RTM Company</i>
Csg.		Depth		Street	
Tbg. Size	<i>4 1/2" D.P.</i>	Depth	<i>1390'</i>	City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered	<i>150 sy 60/40 4% Gel</i>
Meas Line		Displace	<i>1/20</i>		

EQUIPMENT

Pumptrk	<i>18</i>	No.	Cementer		Common
			Helper	<i>Craig</i>	Poz. Mix
Bulktrk		No.	Driver	<i>Brett</i>	Gel.
Bulktrk	<i>pin</i>	No.	Driver	<i>Rick</i>	Calcium

JOB SERVICES & REMARKS

Remarks:	<i>1390' - 50 SX</i>	Hulls	
Rat Hole	<i>500' - 50 SX</i>	Salt	
Mouse Hole	<i>60' - 20 SX</i>	Flowseal	
Centralizers	<i>Rathole - w/ 30 SX</i>	Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	
		Mileage	

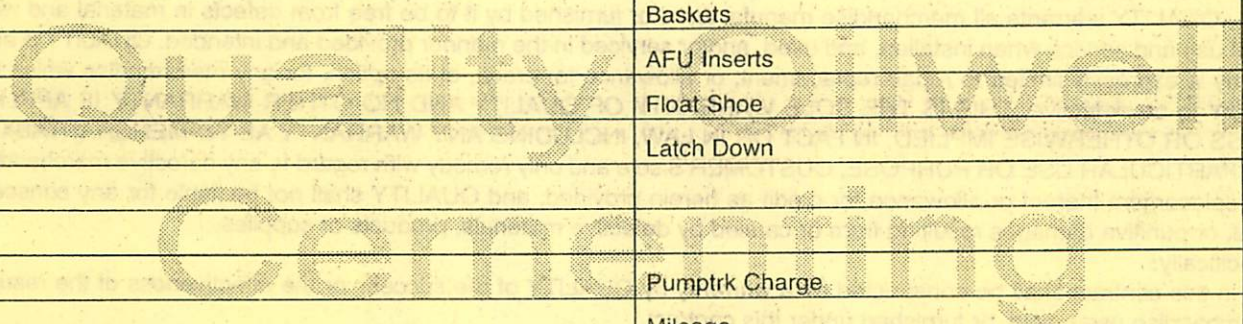
FLOAT EQUIPMENT

		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	

		Pumptrk Charge	
		Mileage	

		Tax	
		Discount	
		Total Charge	

X Signature *Jim [unclear]*



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