

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

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)*

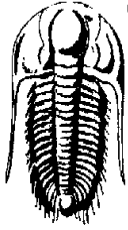
Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water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

# DRILL STEM TEST REPORT

MTM Petroleum  
PO Box 391  
Kingman, KS 67068  
ATTN: Jerry Smith

**23-30-7W Kingman**  
**Hufford 2-23**  
Job Ticket: 63639      **DST#: 1**  
Test Start: 2017.12.08 @ 11:42:21

## GENERAL INFORMATION:

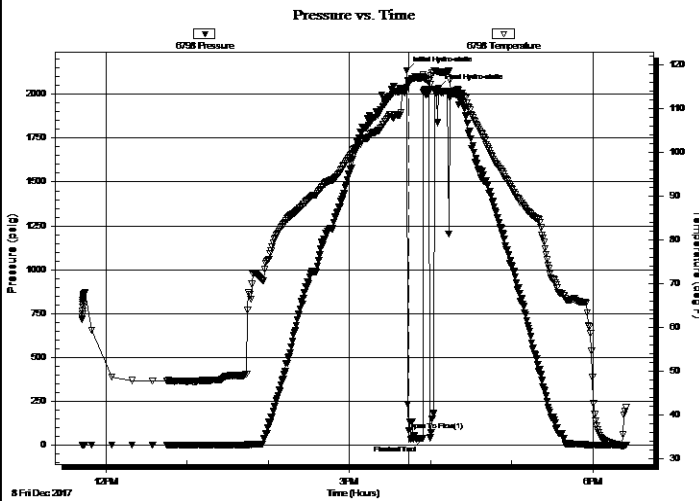
Formation: **Mississippi**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 15:43:36  
Time Test Ended: 18:24:51  
Interval: **4202.00 ft (KB) To 4221.00 ft (KB) (TVD)**  
Total Depth: 4221.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Leal Cason  
Unit No: 74  
Reference Elevations: 1511.00 ft (KB)  
1501.00 ft (CF)  
KB to GR/CF: 10.00 ft

## Serial #: 6798

Inside

Press@RunDepth:      psig @ 4203.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2017.12.08      End Date: 2017.12.08      Last Calib.: 2017.12.08  
Start Time: 11:42:22      End Time: 18:24:51      Time On Btm: 2017.12.08 @ 15:42:21  
Time Off Btm: 2017.12.08 @ 16:05:36

TEST COMMENT: IF: Tool Slid 15 feet, Weak Blow , Flushed Tool , Weak Blow , Pulled Tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.47	114.83	Initial Hydro-static
2	84.07	116.29	Open To Flow (1)
12	39.97	117.25	Flushed Tool
24	2032.12	118.42	Final Hydro-static

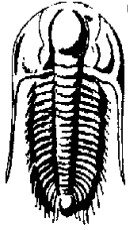
## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

MTM Petroleum

**23-30-7W Kingman**

PO Box 391  
Kingman, KS 67068

**Hufford 2-23**

Job Ticket: 63639

**DST#: 1**

ATTN: Jerry Smith

Test Start: 2017.12.08 @ 11:42:21

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

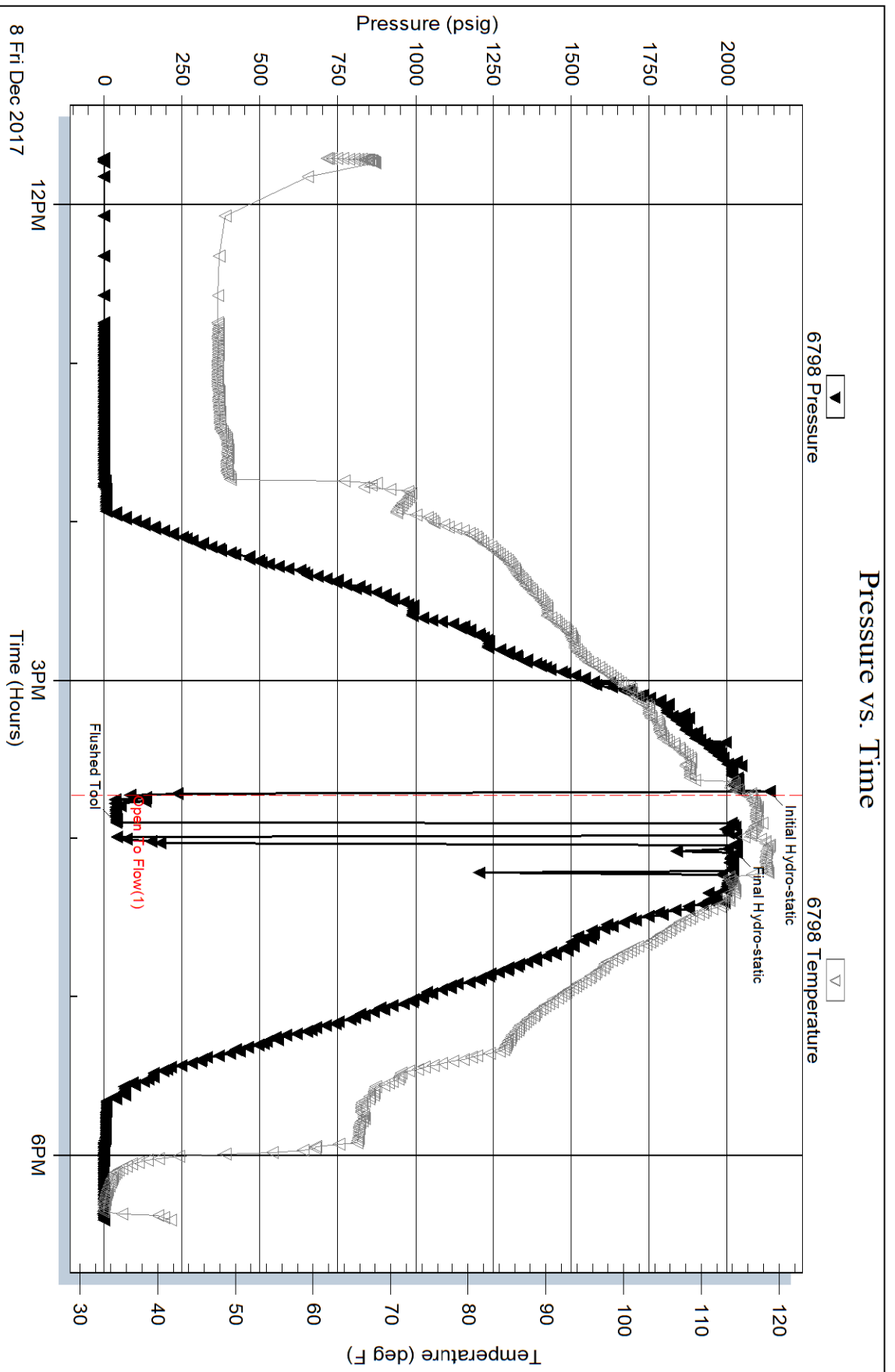
Serial #: 6798

Inside

MTM Petroleum

Hufford 2-23

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63639

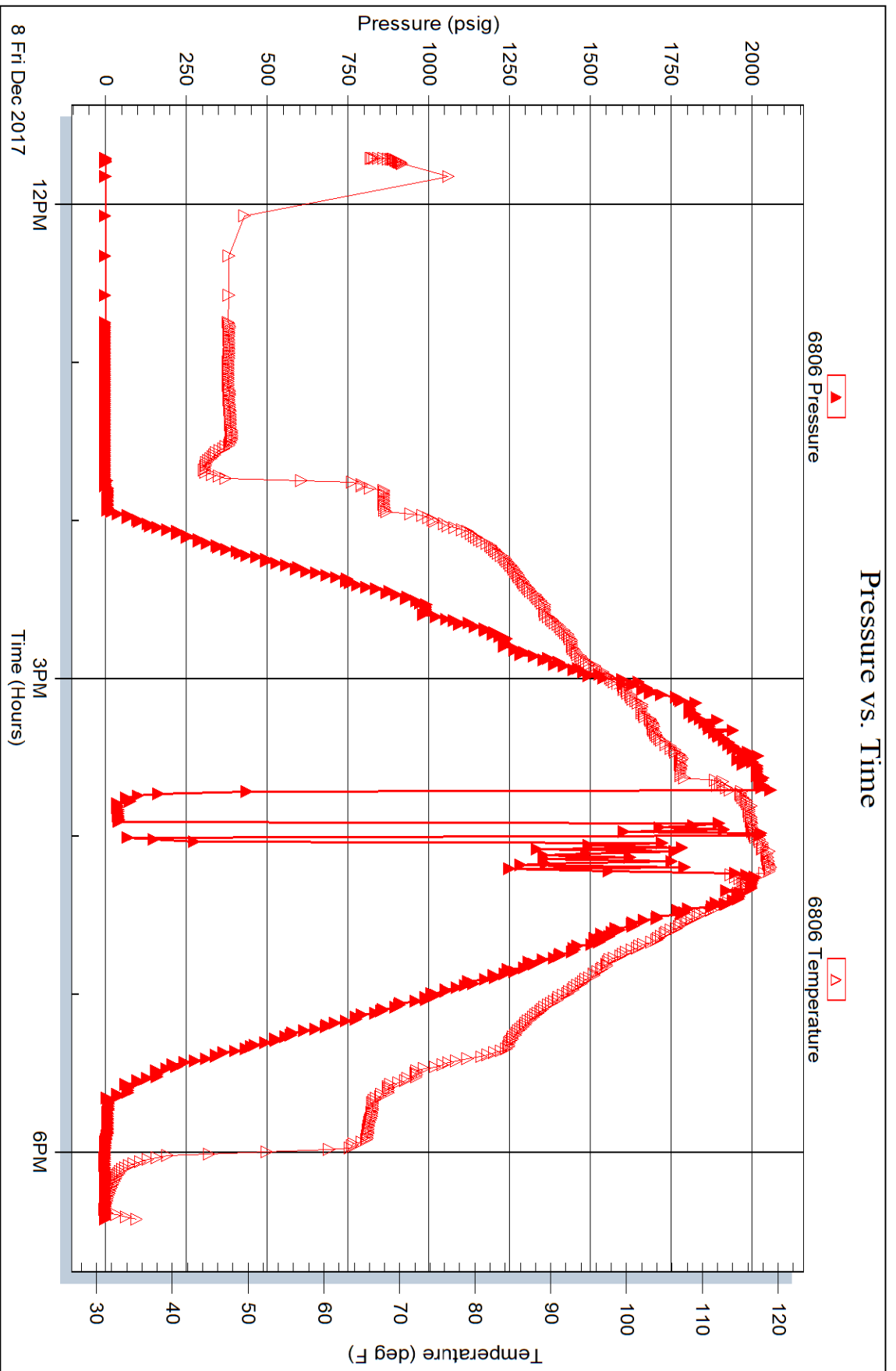
Printed: 2017.12.08 @ 20:46:52

Serial #: 6806

Outside MTM Petroleum

Hufford 2-23

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63639

Printed: 2017.12.08 @ 20:46:53





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

MTM Petroleum  
PO Box 391  
Kingman, KS 67068  
ATTN: Jerry Smith

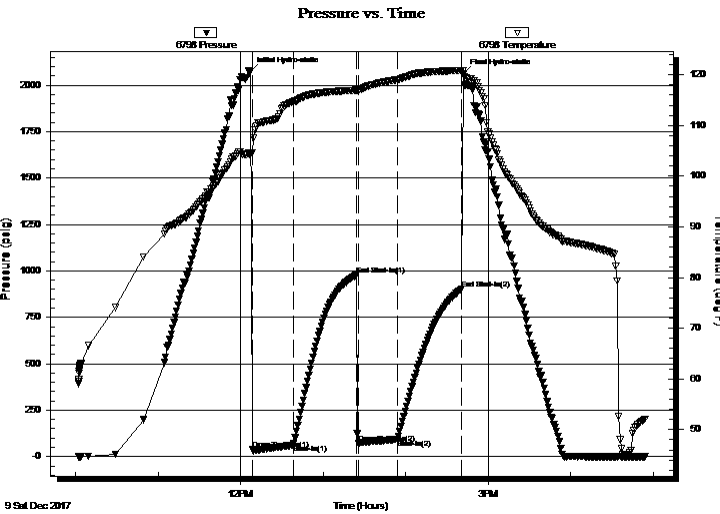
**23-30-7W Kingman**  
**Hufford 2-23**  
Job Ticket: 63640      **DST#: 2**  
Test Start: 2017.12.09 @ 10:02:21

## GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: No    Whipstock:                      ft (KB)  
Time Tool Opened: 12:08:36  
Time Test Ended: 16:53:51  
Interval: **4202.00 ft (KB) To 4231.00 ft (KB) (TVD)**  
Total Depth: 4221.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches    Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Leal Cason  
Unit No: 74  
Reference Elevations: 1511.00 ft (KB)  
1501.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 6798      Inside**  
Press@RunDepth: 93.56 psig @ 4203.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2017.12.09      End Date: 2017.12.09      Last Calib.: 2017.12.09  
Start Time: 10:02:22      End Time: 16:53:51      Time On Btm: 2017.12.09 @ 12:07:21  
Time Off Btm: 2017.12.09 @ 14:41:36

**TEST COMMENT:** IF: Strong Blow , BOB in 1 minute  
IS: No Blow Back  
FF: Strong Blow , BOB Immediate, GTS in 22 minutes, TSTM  
FS: Weak Surface Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.35	104.34	Initial Hydro-static
2	38.27	104.63	Open To Flow (1)
32	68.27	114.76	Shut-In(1)
77	976.49	116.97	End Shut-In(1)
79	70.83	116.71	Open To Flow (2)
107	93.56	119.06	Shut-In(2)
154	901.39	120.87	End Shut-In(2)
155	2059.95	120.80	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	3932 GIP	0.00
63.00	GOCM 10%G 20%O 70%M	0.88
126.00	GOMCW 26%G 14%O 20%M 40%W	1.77
63.00	GOMCW 30%G 6%O 12%M 52%W	0.88

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

MTM Petroleum

**23-30-7W Kingman**

PO Box 391  
Kingman, KS 67068

**Hufford 2-23**

Job Ticket: 63640

**DST#: 2**

ATTN: Jerry Smith

Test Start: 2017.12.09 @ 10:02:21

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

63000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	3932 GIP	0.000
63.00	GOCM 10%G 20%O 70%M	0.884
126.00	GOMCW 26%G 14%O 20%M 40%W	1.767
63.00	GOMCW 30%G 6%O 12%M 52%W	0.884

Total Length: 252.00 ft      Total Volume: 3.535 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .17 @ 50 degrees

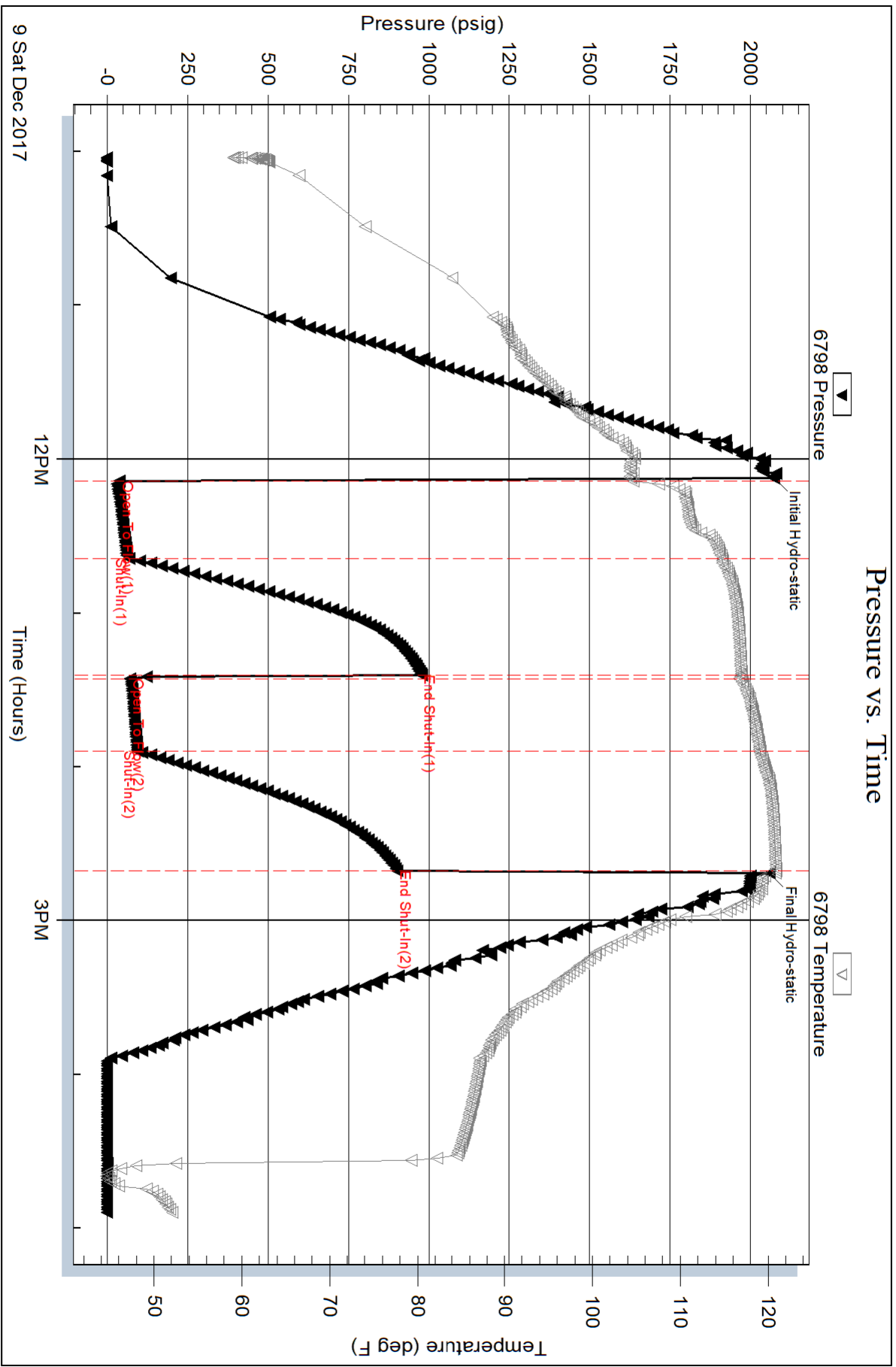
Serial #: 6798

Inside

MTM Petroleum

Hurford 2-23

DST Test Number: 2

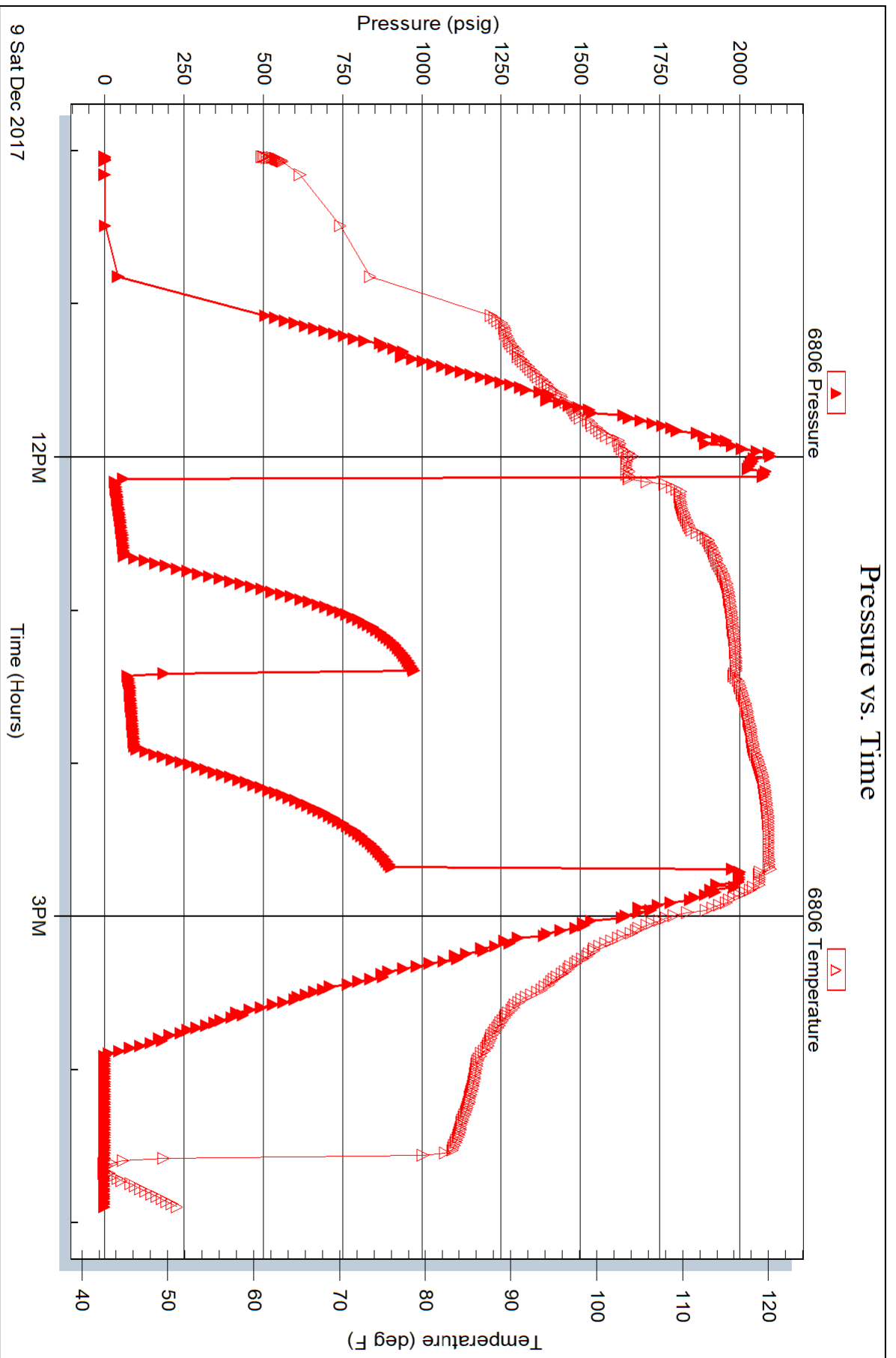


Serial #: 6806

Outside MTM Petroleum

Hurford 2-23

DST Test Number: 2





PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1002843	1718	12/18/2017
<b>INVOICE NUMBER</b>			
<b>92594337</b>			

Pratt (620) 672-1201  
 B MTM PETROLEUM INC  
 I P O BOX 391  
 L KINGMAN  
 L KS US 67068  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Hufford 2-23  
 O LOCATION  
 B COUNTY Kingman  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41076108	19843		Net - 30 days	01/17/2018

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 12/10/2017 to 12/10/2017</i>				
0041076108				
171816058A Cement-New Well Casing/Pi 12/10/2017 Cement 4 1/2" Longstring				
AA2 Cement	125.00	EA	6.60	825.35 T
60/40 POZ	50.00	EA	4.66	233.04 T
C-41P	24.00	EA	1.55	37.29 T
Salt	650.00	EA	0.19	126.23 T
C-44	118.00	EA	2.00	236.03 T
FLA-322	59.00	EA	2.91	171.87 T
Gilsonite	627.00	EA	0.26	163.16 T
Super Fiush II	1,000.00	EA	0.59	594.25 T
Claymax KCL Substitute	4.00	EA	13.60	54.38 T
"Latch Down Plug & Baffle, 4 1/2" (Blu	1.00	EA	143.71	143.71
"Auto Fill Float Shoe 4 1/2" (Blue)"	1.00	EA	128.17	128.17
"Turbolizer, 4 1/2" (Blue)"	5.00	EA	33.01	165.07
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	1.75	78.65
Heavy Equipment Mileage	90.00	MI	2.91	262.17
Proppant & Bulk Del. Chgs., per ton mil	360.00	EA	0.97	349.56
Blending & Mixing Service Charge	175.00	BAG	0.54	95.16
Plug Container Util. Chg.	1.00	EA	97.10	97.10
Depth Charge; 4001'-5000'	1.00	EA	978.77	978.77
"Service Supervisor, first 8 hrs on loc.	1.00	EA	68.33	68.33

**PAID**  
 JAN 08 2018

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,808.29
BASIC ENERGY SERVICES,LP	BASIC ENERGY SERVICES,LP	TAX	195.33
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,003.62
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

23-305-7w

FIELD SERVICE TICKET

1718 16058 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 12/10/2017 DISTRICT: PIR+IKS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER: MTM Petroleum Inc		LEASE: Huffcoiz WELL NO. 2-25							
ADDRESS:		COUNTY: Kingman STATE: KS							
CITY: STATE:		SERVICE CREW: Degan, Kevin M. Cramer							
AUTHORIZED BY:		JOB TYPE: 242/4 1/2 Longlines							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19843	3/4						12/10	AM	2:00
73764	1/2						12/10	AM	8:20
							12/10	AM	1:30
							12/10	AM	2:15
							12/10	AM	3:00
						MILES FROM STATION TO WELL	54		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	A#2 Cement	SK	125		2,125 00
CP103	60/40 P02	SK	50		600 00
CC105	C-41P	Lb	24		96 00
CC111	S91+	Lb	650		325 00
CC115	C-44	Lb	118		607 76
CC129	FLA-322	Lb	59		442 50
CC201	Gilsonize	Lb	627		420 09
CF606	69+ch Down Plug & Ballie 4 1/2" (Blue)	Eg	1		376 00
CF1250	Auto Fin Flost Shoe 4 1/2" (Blue)	Eg	1		330 00
CF1650	Turbalizer 4 1/2" (Blue)	Eg	5		425 00
CF704	Clymax KCL Substitute	Gal	4		140 00
CC155	Super Flush	Gal	1,000		1,530 00
E100	Unit mileage charge - pickups, smelters, etc.	Mi	45		202 50
E101	Heavy Equipment mileage	Mi	90		675 00
E113	Propose & Bulb Delivery Charges, per unit	Tolm	360		700 00
CF205	Degran Charge; 4,001 - 5,000'	4hs	1		2,520 00
CF240	Blending & mixing Service Charge	SK	175		245 00
CF504	Plug container utilization Charge	Job	1		250 00
S003	Service Supervisor, first 8 hrs on loc	ES	1		175 00
SUB TOTAL					12,378 79

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
DISCOUNT TOTAL		<del>1,000 00</del>
TOTAL		11,378 79

SERVICE REPRESENTATIVE: [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

23-305-76

FIELD SERVICE TICKET  
1718 16058 A

DATE OF JOB: 12/10/10 DISTRICT: P... DATE: 12/10/10 TICKET NO.: 1718 16058 A

NEW WELL  OLD WELL  PROD  INJ  WDW  CUSTOMER ORDER NO.:

CUSTOMER: M... LEASE: 11011012 WELL NO.:

ADDRESS: COUNTY: K... STATE: KS

CITY: STATE: SERVICE CREW: D...  
JOB TYPE: 240/4 1/2 log...

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
17845	2m						12/10	AM	6:30
23164	1/2						12/10	PM	8:20
							12/10	AM	1:30
							12/10	AM	2:15
							12/10	AM	3:00
									54

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	A02 Cement	SK	125		2,125.00
CP103	60/110 Poz	SK	50		600.00
CC105	C 41 P	LB	24		96.00
CC111	5914	LB	650		325.00
CC119	C 44	LB	118		607.76
CC129	FLA-322	LB	59		442.30
CC201	G... ..	LB	627		416.09
CF606	60 Co Down Plug & Reel 4 1/2" (Blue)	FG	1		376.00
CF1250	Down Plug & Reel 5 1/2" (Blue)	FG	1		330.00
CF1650	Down Plug & Reel 4 1/2" (Blue)	FG	5		423.00
CF704	Chlorine	691.4			140.00
CG153	Super Flush	TON	1000		1,530.00
F100	1/2" m... ..	M	45		202.50
F101	1/2" m... ..	M	90		675.00
F118	1/2" m... ..	TON	360		900.00
CF205	4.000 - 5.000	WAS	1		2,520.00
CF210	...	SW	175		245.00
CF30	...	TON	1		250.00
3003	...	FG	1		175.00

SUB TOTAL 12,378.79

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



Customer MTM Petroleum Inc	Lease No.	Date 12/10/2017
Lease HOLLOIX	Well # 2-23	
Field Order # 16058	Station P55221KS	Casing 4 1/2
Type Job 242/4 1/2 Longstring	Depth 4327	County Kingsman
	Formation TD-4330	State KS
		Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
4 1/2							
Depth 4327	Depth	From	To	Pre Pad	Max		5 Min.
Volume 68.7	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 4284	Packer Depth	From	To	Flush KCL w/ster	Gas Volume		Total Load

Customer Representative Nick	Station Manager Justin Westerman	Treater Darin Franklin
Service Units 92911 84981 19843 19903 73768		
Driver Names Darin Keven Keven Clyner Clyner		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:20pm					on location / 59 bbls max
					1255K AA2 Cement, 2% Deflocmer, 10% S91+, 1% G95 Blok, .5% FLA-322, 5#/sk Gilsonite
					15.0ppg, 1.43 v.o.i.l., 6.00 w/ster
					305K 60/40 poz, 4% Col, 14.40ppg, 1.43 v.o.i.l., w/ster
1:30pm	300		3	4	Pump 3 bbls w/ster
	300		24	4	Pump 24 bbls Flush
	300		3	4	Pump 3 bbls w/ster
	200		32	3	mix 125 SK AA2 Cement
			0	0	Shut down
				3	Wash pump & lines
			0	0	Release Plug
	100		0	5 1/2	Start displacement
	400		48	5 1/2	Lift Pressure
	400		55	3	Slow Rate
2:15pm	1500		60	3	Bump Plug
					Flush - Hold
	100		7	3	Plug RG+ Hole
2:30pm					Job Complete / Darin & crew THANK YOU!!!



PAGE 1 of 1	CUST NO 1002843	YARD # 1718	INVOICE DATE 12/07/2017
INVOICE NUMBER <b>92585788</b>			

Pratt (620) 672-1201  
 B MTM PETROLEUM INC  
 I P O BOX 391  
 L KINGMAN  
 L KS US 67068  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Hussard #2-23  
 O LOCATION  
 B COUNTY Kingman  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41074072	19570		Net - 30 days	01/06/2018

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 12/02/2017 to 12/02/2017</i>				
0041074072				
171814565L Cement-New Well Casing/Pi 12/02/2017 Cement-Surface Casing				
60/40 POZ	175.00	EA	6.60	1,155.00 T
Celloflake	44.00	EA	2.04	89.76 T
Calcium Chloride	453.00	EA	0.58	262.74 T
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	2.48	111.60
Heavy Equipment Mileage	90.00	MI	4.13	371.70
Proppant & Bulk Del. Chgs., per ton mil	340.00	EA	1.38	469.20
Depth Charge; 0-500'	1.00	EA	550.00	550.00
Blending & Mixing Service Charge	175.00	BAG	0.77	134.75
"Service Supervisor, first 8 hrs on loc.	1.00	EA	96.25	96.25

**PAID**  
MAR 09 2018

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,241.00
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	120.60
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	3,361.60
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		





Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

### Job Log

Customer:	MTM Petroleum	Cement Pump No.:	38119-19570 6.5 HRS	Operator TRK No.:	39878	
Address:		Ticket #:	1718-14565 L	Bulk TRK No.:	30464-37724	
City, State, Zip:		Job Type:	Z42 - Cement Surface Casing			
Service District:		Well Type:	OIL			
Well Name and No.:	HUFFORD2-23	Well Location:	County:	Kingman	State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
60/40 POZ	175	3%CaCl, 2%GEL, 1/4# POLYFLAKE	30464-37724	Front	Back
				Front	Back
				Front	Back

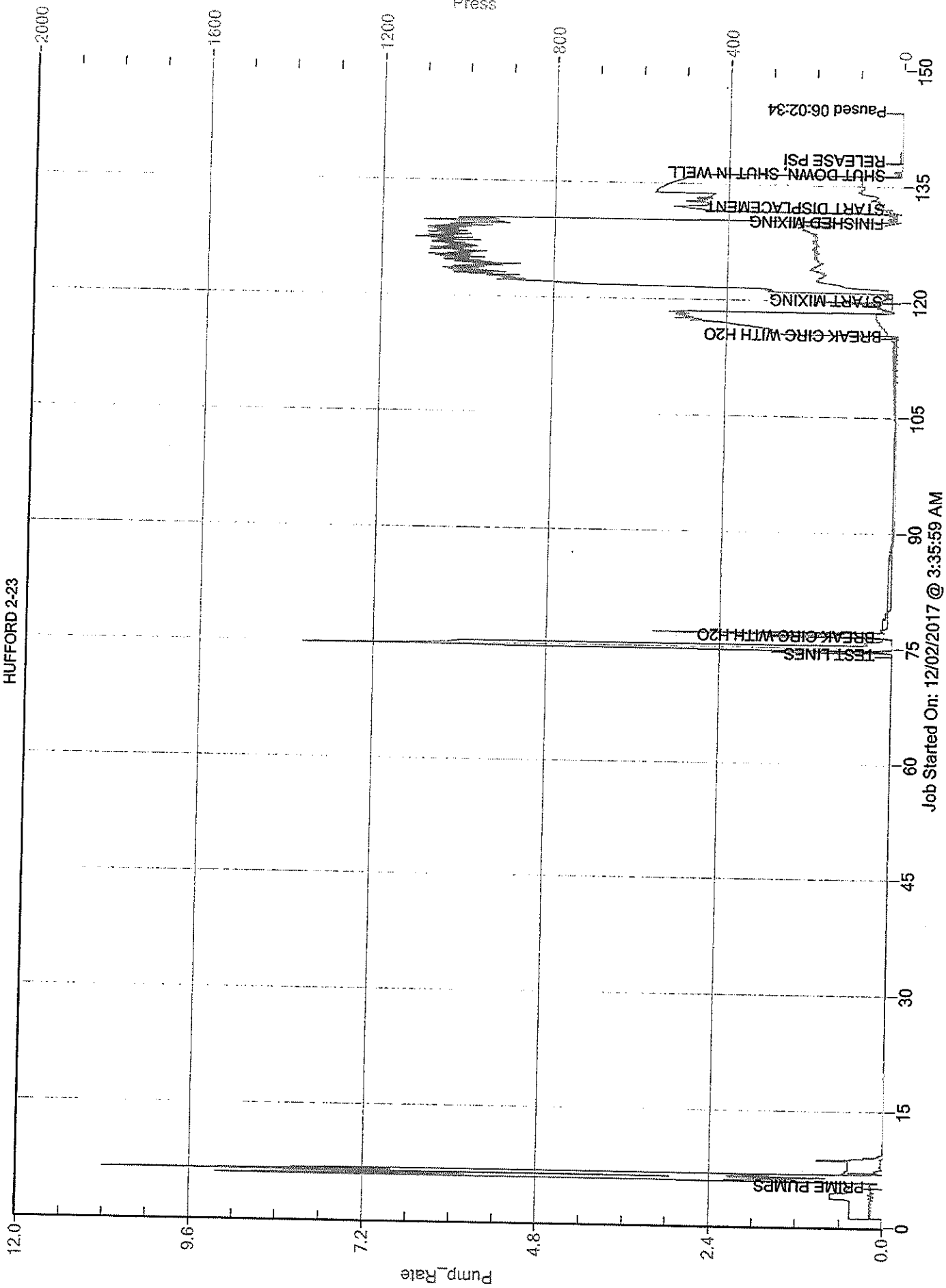
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>	14.8	1.21	5.18	211.75	Man Hours:	34
<b>Tail:</b>					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
22:30							12/1/17 ON LOC, SAFTEY MTG, R.U.
4:45						1200	TEST LINES
4:47 AM	1.5	2				350-450	BREAK CIRC
4:48 AM							SHUT DOWN, HOOK TO RIG TO CIRC DOWN CSG
5:28 AM	2	7				30	BREAK CIRC
5:32	4.8	38				180	START MIXING @ 14.8#
5:43	3.8					70	START DISPLACEMENT
5:48 AM		12.5				60	SHUT DOWN, SHUT IN WELL
5:50						60-0	RELEASE PSI
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

Size Hole	12 1/4	Depth	223'		TYPE	
Size & Wt Csg.	8 5/8	Depth	225'	New / Used	Packer	Depth
fbg.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature:	Basic Representative:	CHAD HINZ
	Basic Signature:	
	Date of Service:	12/2/2017

MTM PETROLEUM  
HUFFORD 2-23



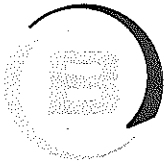
Customer MIM Petroleum Inc	Lease No.	Date 12/10/2017			
Lease Hulloria	Well # 2-23				
Field Order # 16058	Station P5521KS	Casing 4 1/2	Depth 4327	County Kingsman	State KS
Type Job 242/4 1/2 Longshots	Formation 70-4330	Legal Description			

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
4 1/2		From	To	Pre Pad	Max		5 Min.
Depth 4327	Depth	From	To	Pad	Min		10 Min.
Volume 68.7	Volume	From	To	Frac	Avg		15 Min.
Max Press	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush KCL w/9100	Gas Volume		Total Load
Plug Depth 4324	Packer Depth	From	To				

Customer Representative Nick	Station Manager Justin Westerman	Treater Darin Francisco
---------------------------------	-------------------------------------	----------------------------

Service Units	92911	84981	19843	19903	73768					
Driver Names	Darin	Keven	Keven	Clymer	Clymer					

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
8:20am					on location / safety, mixing
					1255K AA2 Cement, 2% Deflocmer, 10% S917, 1% GSS Blok, 5% FLA-322, 5# BSK Gilsonite
					15.0ppg, 1.43 v. 12, 6.00 w/9100
					305K 60/40 po2, 4% Cel, 14.400g, 1.43 v. 11, 6.92 w/9100
1:30pm	300		3	4	Pump 3 bbbs water
	300		24	4	Pump 24 bbbs Flush
	300		3	4	Pump 3 bbbs water
	200		32	3	mix 1255K AA2 Cement
			0	0	Shut down
				3	Wash pump & lines
			0	0	Release Plug
	100		0	5 1/2	Stick displacement
	400		48	5 1/2	6 ft Pressure
	400		55	3	Slow Rate
2:15pm	1500		70	3	Bump Plug
					Flow - Hold
	100		7	3	Plug RS - Hole
2:30pm					Job Complete / Darin Francisco THANK YOU!!!



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 16058 A

23-305-7w

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 12/10/2017		DISTRICT: PIRAKS		NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER: MTM Petroleum Inc				LEASE: HUFFOLD				WELL NO. 7-2		
ADDRESS:				COUNTY: Kingman		STATE: KS				
CITY:		STATE:		SERVICE CREW: DSCN, Kevin M. C. [unclear]						
AUTHORIZED BY:				JOB TYPE: 242/4 1/2 Long Service						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED				
19893	3/4					DATE: 12/10	AM/PM: PM	TIME: 6:00		
73764	1/2					ARRIVED AT JOB: 12/10 AM/PM: PM 8:20				
						START OPERATION: 12/10 AM/PM: PM 1:30				
						FINISH OPERATION: 12/10 AM/PM: PM 2:15				
						RELEASED: 12/10 AM/PM: PM 3:00				
						MILES FROM STATION TO WELL: 54				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	A#2 Cement	SK	125		
CP103	60/40 POZ	SK	50		
CC165	C-41P	Lb	24		
CC111	S91+	Lb	650		
CC115	C-44	Lb	118		
CC129	FLA-322	Lb	59		
CC201	G-1500+	Lb	627		
CF606	Leach Down Plus 8 S10e 4 1/2" (Blue)	Eg	1		
CF1250	Auto Fin. Flare Shoe 4 1/2" (Blue)	Eg	1		
CF1650	Turbolizer 4 1/2" (Blue)	Eg	5		
C704	CIS, max KCL Subservices	GSI	4		
CC155	Super Flush	GSI	1,000		
E100	Un + m. lease charge - Pictups, smth, unassess.	m	45		
E101	Heavy Equip. charge - m. lease	m	90		
E113	Proppant for Bulk Del. m. charges, proppant	Tons	360		
CE205	Depos. Charge, 4,000' - 5,000'	4000'	1		
CE240	Blow-off + m. lease Service Charge	SK	175		
CF504	Plug Cons. for Util. 29' m. Charge	Job	1		
S003	Service Supervisory, 1 hr - 8 hrs on loc	Eg	1		

CHEMICAL / ACID DATA:			

SUB TOTAL		
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
Discount	TOTAL	6,808.33

SERVICE REPRESENTATIVE: [Signature]  
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

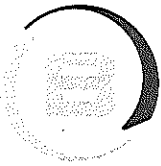
Customer <i>NITA PETROLEUM</i>	Lease No.	Date <i>3-8-18</i>
Lease <i>HUFFALO</i>	Well # <i>2-23</i>	
Field Order # <i>16343</i>	Station <i>PRATT</i>	Casing <i>4 1/2</i>
		Depth
Type Job <i>2-4 1/2 S/E JOB</i>	Formation	County <i>KINGMAN</i>
		State <i>KS</i>
		Legal Description <i>23-305-7W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size <i>2 3/8</i>	Shots/Ft		Acid <i>35</i>	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Nick Miller</i>	Station Manager <i>W. Kingman</i>	Treater <i>N. Miller</i>
Service Units <i>75805</i>	<i>7395</i>	<i>80779</i>
Driver Names <i>M. Miller</i>	<i>M. Miller</i>	<i>M. Miller</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					ON LOCATION / SPARKY MEETING
8:40			10	1.5	LOAD BACKLOG
			900		Pressure 5000 in 500, low
9:03		1500		2.2	INJECTION RATE 2.2 @ 1500 PSI
9:12			6	2	MIX 45 SA. COMMON W FLUID LOSS
9:15			11	2	MIX 50 SA. COMMON W FLUID LOSS
9:20					WASH PUMP + LINES
9:23		400		2	START DIVERTING
9:25		800	7.5	2	
9:50		2500	14.5		RELEASED + HOLD
9:54			70		6 VISC OUT
			30		WASH THRU 1 SPARKY, WELL CLEAN
					JOB COMPLETE
					THANK YOU!
					NICK MILLER
					MICHAEL MILLER





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 16343 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <u>3-8-18</u> DISTRICT <u>Pratt</u>		NEW WELL <input type="checkbox"/> OLD WELL <input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>MGM</u>		LEASE <u>HUBBARD</u> WELL NO.:								
ADDRESS		COUNTY <u>Kingman</u> STATE <u>Ks</u>								
CITY STATE		SERVICE CREW <u>Michael A. Green</u>								
AUTHORIZED BY		JOB TYPE: <u>2 4/4 5/4</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>5677</u>	<u>2</u>						<u>7:15</u>			
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				<u>11:30</u>
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X / L / M / S  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CC 104</u>	<u>Common</u>	<u>50</u>	<u>25</u>		
<u>CC 106</u>	<u>Common</u>	<u>50</u>	<u>50</u>		
<u>CC 105</u>	<u>C-410</u>	<u>10</u>	<u>12</u>		
<u>CC 141</u>	<u>C-17</u>	<u>10</u>	<u>17</u>		
<u>E 100</u>	<u>J.V. m...</u>	<u>2</u>	<u>40</u>		
<u>E 101</u>	<u>Heavy eq. m...</u>	<u>1</u>	<u>90</u>		
<u>E 113</u>	<u>Prod + W/L d...</u>	<u>1</u>	<u>100</u>		
<u>C-212</u>	<u>Joint Choker Hood - used</u>	<u>40</u>	<u>1</u>		
<u>C-214</u>	<u>blast w...</u>	<u>50</u>	<u>75</u>		
<u>C-215</u>	<u>C-113 Squares</u>	<u>50</u>	<u>1</u>		
<u>S-212</u>	<u>300 m...</u>	<u>50</u>			

CHEMICAL / ACID DATA:			

SUB TOTAL			
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL		<u>3082</u>	<u>99</u>

SERVICE REPRESENTATIVE Michael A. Green THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X / L / M / S

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

# JERRY A. SMITH

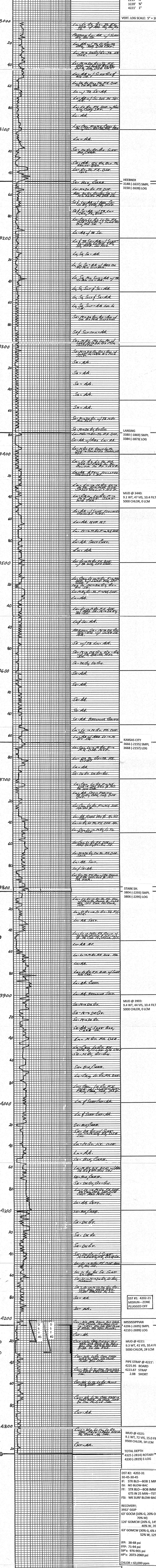
## CERTIFIED PETROLEUM GEOLOGIST

GEOLOGISTS REPORT  
DRILLING TIME AND SAMPLE LOG

<p>COMPANY: MTM PETROLEUM, INC.          LEASE: HUFFORD #2-23          FIELD: SPIVET/GASS/BASIL          LOCATION: 1400' FEL &amp; 770' FEL          SEC. 23          TWP. 30          COUNTY: KINGMAN          STATE: KANSAS          CONTRACTOR: DUKE DRILLING RIG #8          RIG ID: 4233          WDU UP: 2899          API No. 15-08523217          TYPE MUD: CHEMICAL          ELECTRICAL SUPERVISORS: E.L. EDICMILL, ELI DILLMEL          SAMPLES SAVED FROM: 3000          DRILLING TIME KEPT FROM: 3000          SAMPLES EXAMINED FROM: 3000          GEOLOGICAL SUPERVISION FROM: 2890          GEOLOGIST ON WELL: JERRY A. SMITH</p>	<p>ELEVATIONS          KB 1511          D.F. 1509          G.L. 1503          Measurements Are All From: KB          CASING @ 221'          SURFACE: 838 @ 221'          PRODUCTION: 4 1/2 @ 13'          TO: RTD          TO: RTD          TO: RTD          TO: RTD</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

FORMATION TOPS	LOG	SAMPLES
HEEBNER	3150 (-1637)	3148 (-1637)
LANSING	3380 (-1869)	3380 (-1869)
KANSAS CITY	3668 (-2157)	3668 (-2157)
STARK SH.	3806 (-2295)	3806 (-2295)
MISSISSIPPIAN	4210 (-2699)	4206 (-2695)

LITHOLOGY	DEPTH	DRILLING TIME IN MINUTES PER FOOT	RATE OF PENETRATION INCREASES	SAMPLE DESCRIPTIONS	REMARKS
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COMPANY: MTM PETROLEUM, INC.	ELEVATION: 1511 KB
LEASE: HUFFORD #2-23	
LOCATION: 1400' FEL & 770' FEL	SEC 23
COUNTY: KINGMAN	TWP 30
	RGE 7W
	STATE: KS

LITHOLOGY	DEPTH	DRILLING TIME IN MINUTES/FOOT	RATE OF PENETRATION INCREASES	SAMPLE DESCRIPTIONS	REMARKS
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