

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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Form	ACO1 - Well Completion
Operator	Briscoe Petroleum, LLC
Well Name	TAMMY 2
Doc ID	1538998

All Electric Logs Run

CND
DIL
MICRO
Bond



STEVEN P. MURPHY, P.G.

Petroleum Geologist (KS #228)

Cell 620.639.3030

Fax 785.387.2400

RR#1, Box 69

Otis, Kansas 67565

geomurphy@gbta.net

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Tammy #2
API: 15-007-24371-00-00
Location: Barber County
License Number: 35714
Spud Date: 11/21/2020
Surface Coordinates: 330' FSL & 2310' FEL (Approx. C SW SW SE)
35-T33S-R12W
Bottom Hole Coordinates: As above w/min deviation
Ground Elevation (ft): 1572' K.B. Elevation (ft): 1585'
Logged Interval (ft): 3500 To: 5198' Total Depth (ft): 5198' RTD
Formation: LKC thru Simpson SH?
Type of Drilling Fluid: Chemical (Mudco)

Region: Kansas
Drilling Completed: 11/29/2020

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Briscoe Petroleum, LLC
Address: P.O. Box 6690
Sheridan, WY 82801

GEOLOGIST

Name: Steven P. Murphy, PG (KS Lic. #228)
Company: Consulting Petroleum Geologist
Address: 2501 Zarah Drive
Great Bend, KS 67530

REMARKS

Moved Duke Rig #7 & rig up on 11/23/2020, spud on 11/23/2020, 8-5/8" surface casing set @ 251' w/150 sx. Drilled 7-7/8 hole w/PDC bit from under surface to TD @ 5151'.
Set up Bluestem gas detector on 11/24/2020.

Operator elected to run 5 1/2" production casing after drilling additional footage to a new RTD of 5198'. Sample exam of circ samples indicates penetration of very top of Simpson SST @ TD.

ROCK TYPES

LITHOLOGY

	Anhy
	Bent
	Brec
	Cht
	Clyst
	Coal
	Congl
	Dol
	Gyp
	Igne
	Lmst
	Meta
	Mrlst
	Salt
	Shale
	Shcol
	Shgy
	Sltst
	Ss
	Till
	Sltstn
	Shale
	Sandylms
	Lms
	Gry sh
	Dtd
	Dol
	Carb sh
	pipesymbol
	unknown lith
	Red shale

FOSSIL

	Oomoldic
	Fuss
	Algae

MINERAL

	Sltly
	Sand
	Dol
	Chlorite
	Anhy
	Arggrn
	Arg
	Bent
	Bit
	Brecfrag
	Calc
	Carb
	Chtdk
	Chtlt
	Dol

Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite
Ostra
Pelec
Pellet
Pisolite
Plant
Strom

STRINGER

	Red shale
	Sh
	Sandylms
	Lms
	Gryslt
	Grysh
	Dol
	Clystn
	Carbsh
	Anhy
	Arg
	Bent
	Coal
	Dol
	Gyp
	Ls
	Mrst

Feldspar
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff

Sltstrg
Ssstrg

TEXTURE

	Boundst
	Chalky
	Cryxln
	Earthy
	Finexln
	Grainst
	Lithogr
	Microxln
	Mudst
	Packst
	Wackest

OIL SHOW

	Gas show
	Good
	Fair
	Poor
	Dead

INTERVAL

	Dst
	Core
	Dst
	Straddle test tail pip

EVENT

	Rft
	Sidewall
	Dst
	Open hole
	Perforations

DSTs

Trilobile Testing DST #1 tested the Misiner SST from 5069-5152.

(Tool slid 8')

10:30:60:120

IHP: 2584

IFP: 27-30

ISIP: 1702

FFP: 36-45

FSIP: 1872

FHP: 2595

Recovery: 60' GOSM (5%G, 95%M), 260' GIP

COMMENTS

Logging was performed by Midwest Wireline, LLC. The following are log tops w/associated datums:

Pawnee - 4634 (-3050)

Ft Scott - 4660 (-3075)

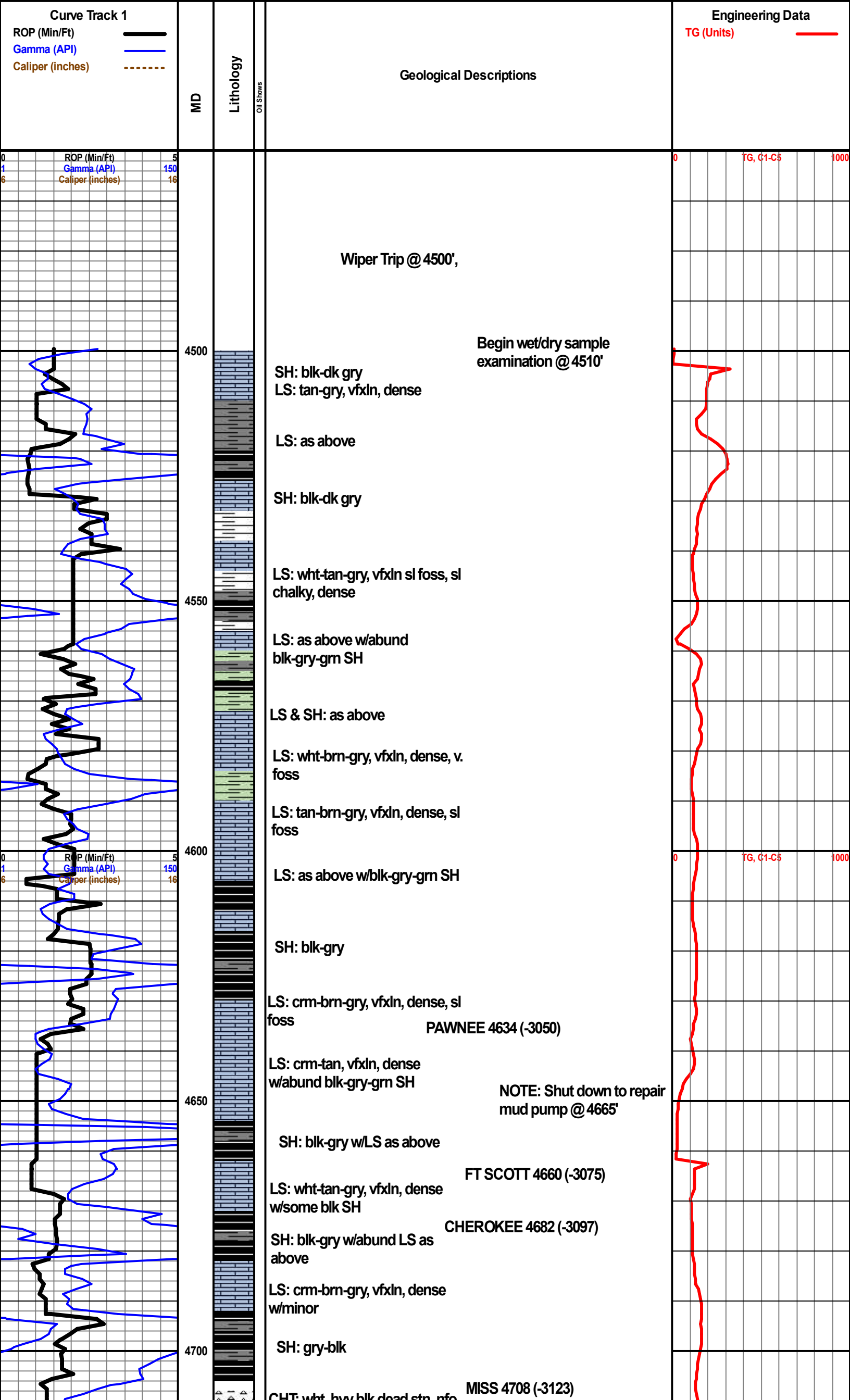
Cherokee - 4682 (-3097)

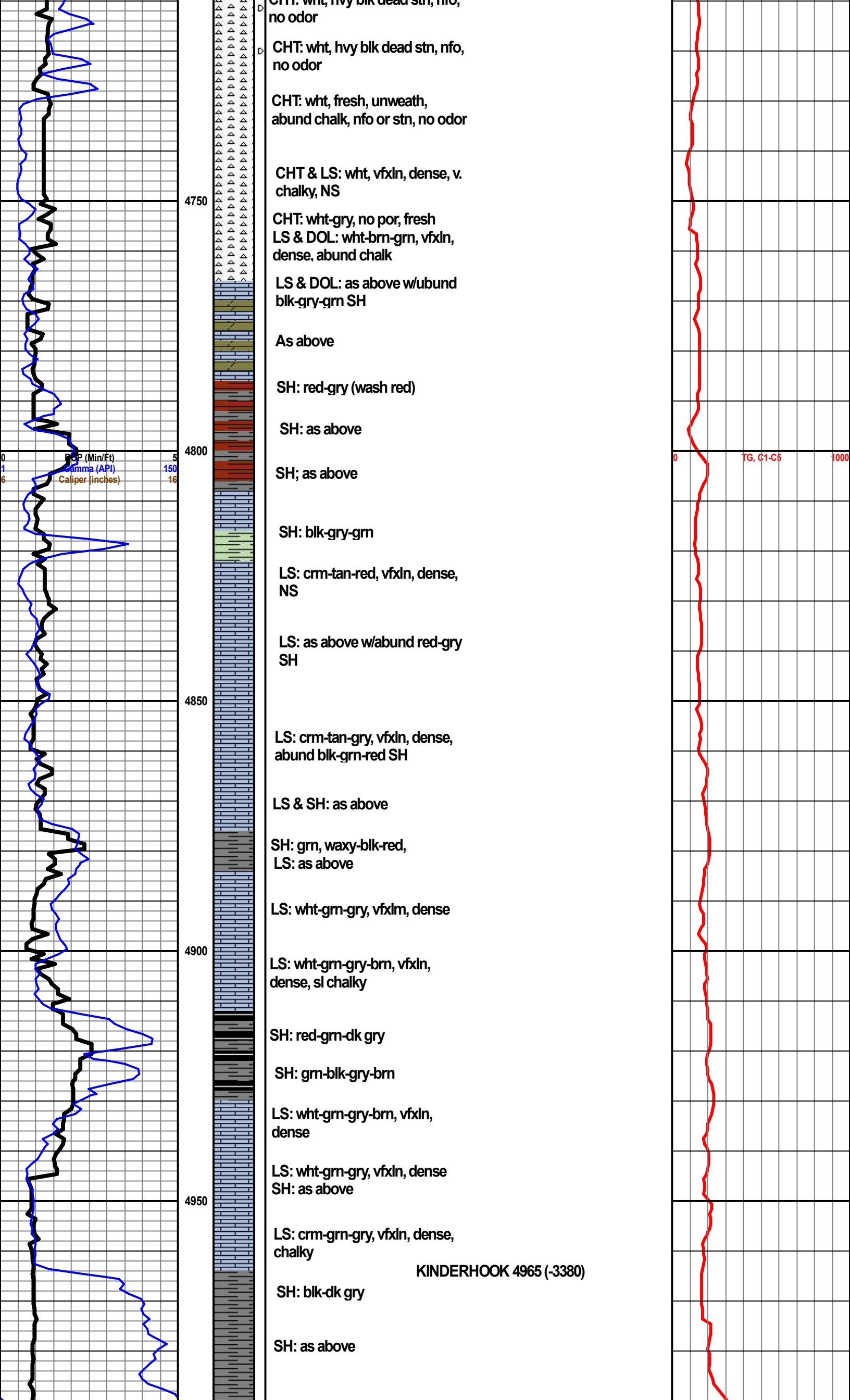
Mississippian - 4708 (-3123)

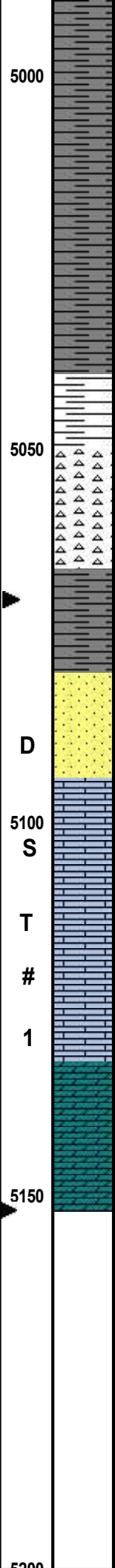
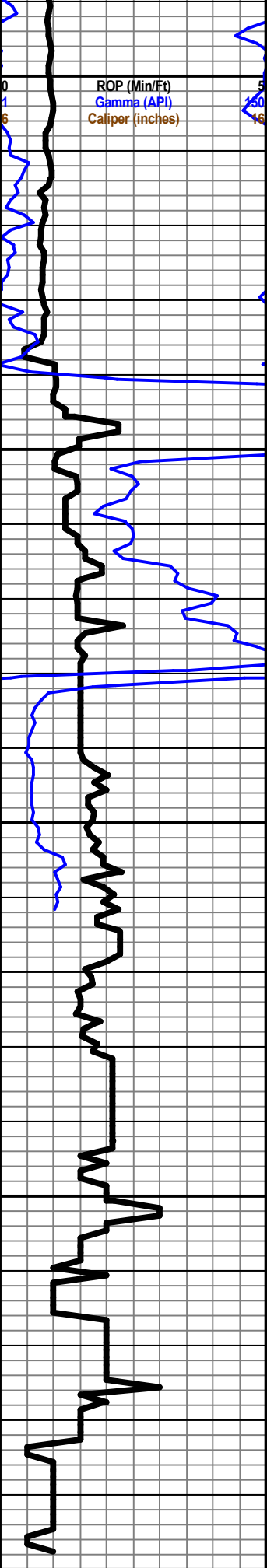
Kinderhook - 4965 (-3389)

Woodford - 5051 (-3466)

Misiner - 5060 (-3475)







SH: as above

SH: as above

SH: as above

SH: gry-grn-brn

LS: crm-tan, vfxln, dense
SH: as above

LS & SH: as above w/minor
fresh CHT
WOODFORD 5051 (-3466)

LS & SH: as above w/minor
fresh CHT

MISENER 5060 (-3475)

D SST: crm, fryl tite, sl stn, tr fo in
one pc, no odor
SST: lite gr, f-mgr, subrd, friable,
fsfo, lite stn, str odor

S LS: crm-tan, vfxln, dense,
chalky

T

LS: as above

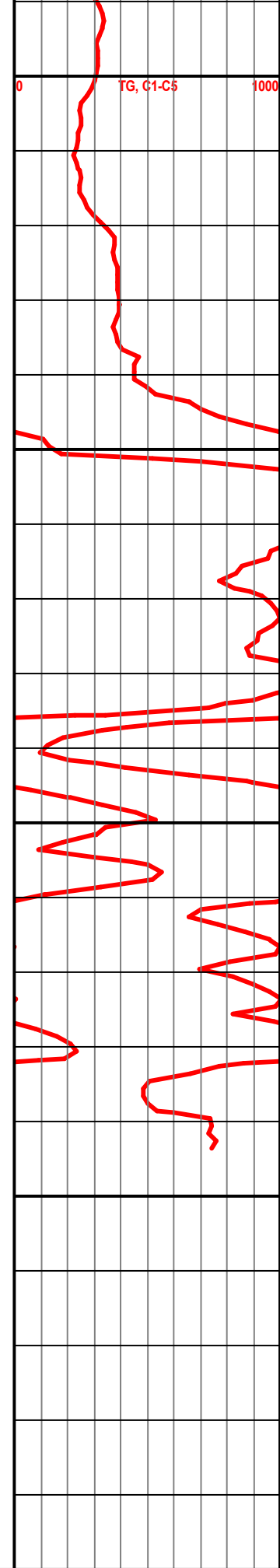
1 LS: as above

DOL: crm-tan-brn, vfxln, dense,
chalky, minor CHT

RTD @ 5151'

NOTE: Operator drilled an
additional footage to run 5 1/2"
production casing. New RTD -
5198'. Able to view circulation
samples @ 30 & 45 min. from
waste bucket

30" - SH: grn, waxy
45" - SH as above w/scatt. SST:
clr-grn, f-med gr, sub-rd, fri-firm,
NS





DRILL STEM TEST REPORT

Prepared For: **Briscoe Petroleum LLC**

PO Box 6690
Sheridan, WY 82801

ATTN: Rick D Briscoe

Tammy #2

35-33s-12w Barber,KS

Start Date: 2020.11.27 @ 13:18:00

End Date: 2020.11.27 @ 21:39:02

Job Ticket #: 64502 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.11.30 @ 11:07:40



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Briscoe Petroleum LLC

35-33s-12w Barber,KS

PO Box 6690
Sheridan, WY 82801

Tammy #2

Job Ticket: 64502

DST#: 1

ATTN: Rick D Briscoe

Test Start: 2020.11.27 @ 13:18:00

GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:44:27

Time Test Ended: 21:39:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 84

Interval: 5069.00 ft (KB) To 5152.00 ft (KB) (TVD)

Reference Elevations: 1590.00 ft (KB)

Total Depth: 5152.00 ft (KB) (TVD)

1577.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 13.00 ft

Serial #: 6838

Inside

Press@RunDepth: 45.35 psig @ 5072.00 ft (KB)

Capacity: psig

Start Date: 2020.11.27 End Date: 2020.11.27

Last Calib.: 2020.11.27

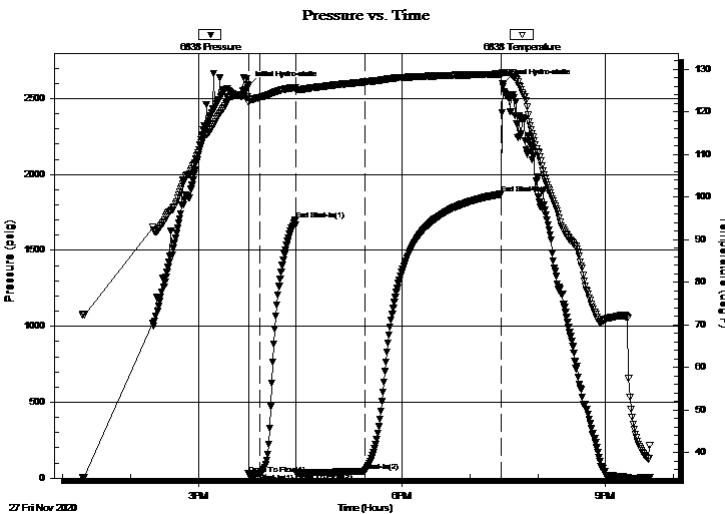
Start Time: 13:18:01 End Time: 21:39:02

Time On Btm: 2020.11.27 @ 15:44:22

Time Off Btm: 2020.11.27 @ 19:29:02

TEST COMMENT: 10-IF-Tool Slid 8' Weak Surface
30-ISI-No Return
60-FF-Surface to 2 3/4"
120-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2584.18	123.54	Initial Hydro-static
1	27.23	122.10	Open To Flow (1)
11	30.38	123.42	Shut-In(1)
42	1702.06	125.72	End Shut-In(1)
43	36.11	125.23	Open To Flow (2)
103	45.35	127.00	Shut-In(2)
224	1871.90	128.88	End Shut-In(2)
225	2595.48	129.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOSM 5%G 95%M	0.85
0.00	260 GIP 100%G	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Briscoe Petroleum LLC
PO Box 6690
Sheridan, WY 82801
ATTN: Rick D Briscoe

35-33s-12w Barber, KS

Tammy #2

Job Ticket: 64502

DST#: 1

Test Start: 2020.11.27 @ 13:18:00

GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:44:27

Time Test Ended: 21:39:02

Interval: 5069.00 ft (KB) To 5152.00 ft (KB) (TVD)

Total Depth: 5152.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 84

Reference Elevations: 1590.00 ft (KB)

1577.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8875 Inside

Press@RunDepth: psig @ 5072.00 ft (KB)

Capacity: psig

Start Date: 2020.11.27 End Date: 2020.11.27

Last Calib.: 2020.11.27

Start Time: 13:18:01 End Time: 21:39:02

Time On Btm:

Time Off Btm:

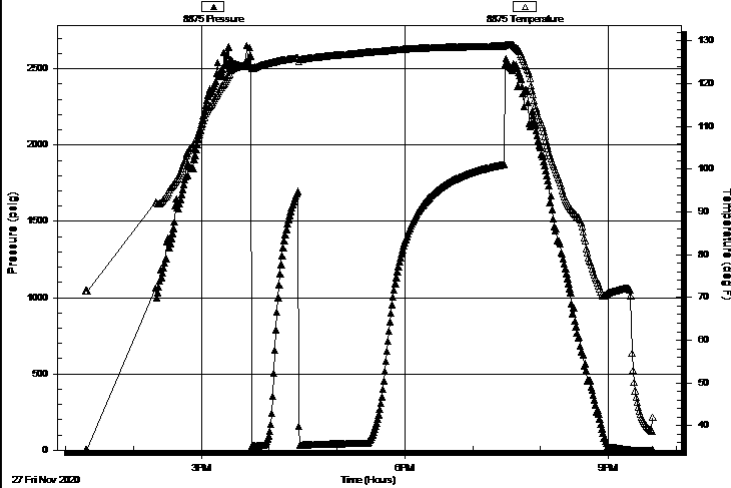
TEST COMMENT: 10-IF-Tool Slid 8' Weak Surface

30-ISI-No Return

60-FF-Surface to 2 3/4"

120-FSI-No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOSM 5%G 95%M	0.85
0.00	260 GIP 100%G	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Briscoe Petroleum LLC

35-33s-12w Barber,KS

PO Box 6690
Sheridan, WY 82801

Tammy #2

Job Ticket: 64502

DST#: 1

ATTN: Rick D Briscoe

Test Start: 2020.11.27 @ 13:18:00

Tool Information

Drill Pipe:	Length: 5063.00 ft	Diameter: 3.82 inches	Volume: 71.77 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	5069.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5036.00	
Change Over Sub	1.00			5037.00	
Shut In Tool	5.00			5042.00	
Hydraulic tool	5.00		Fluid	5047.00	
Gap Sub	5.00			5052.00	
Jars	5.00			5057.00	
Safety Joint	3.00			5060.00	
Packer	5.00			5065.00	34.00 Bottom Of Top Packer
Packer	4.00			5069.00	
Stubb	1.00			5070.00	
Perforations	1.00			5071.00	
Change Over Sub	1.00			5072.00	
Recorder	0.00	6838	Inside	5072.00	
Recorder	0.00	8875	Inside	5072.00	
Drill Pipe	64.00			5136.00	
Change Over Sub	1.00			5137.00	
Perforations	12.00			5149.00	
Bullnose	3.00			5152.00	83.00 Bottom Packers & Anchor

Total Tool Length: 117.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Briscoe Petroleum LLC

35-33s-12w Barber,KS

PO Box 6690
Sheridan, WY 82801

Tammy #2

Job Ticket: 64502

DST#: 1

ATTN: Rick D Briscoe

Test Start: 2020.11.27 @ 13:18:00

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: 75.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	GOSM 5%G 95%M	0.851
0.00	260 GIP 100%G	0.000

Total Length: 60.00 ft

Total Volume: 0.851 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 5#LCM

Serial #: 6838

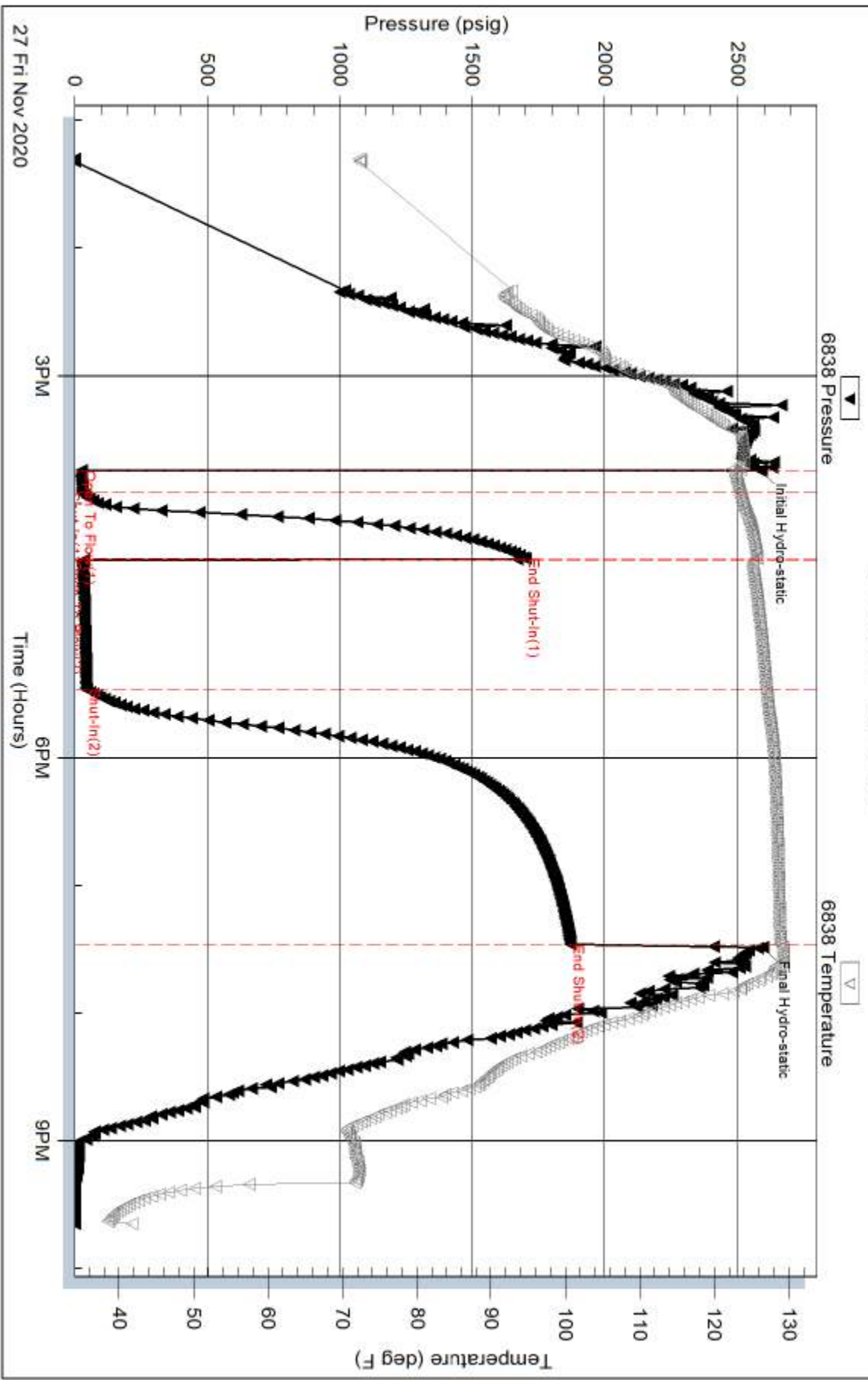
Inside

Briscoe Petroleum LLC

Tammy #2

DST Test Number: 1

Pressure vs. Time



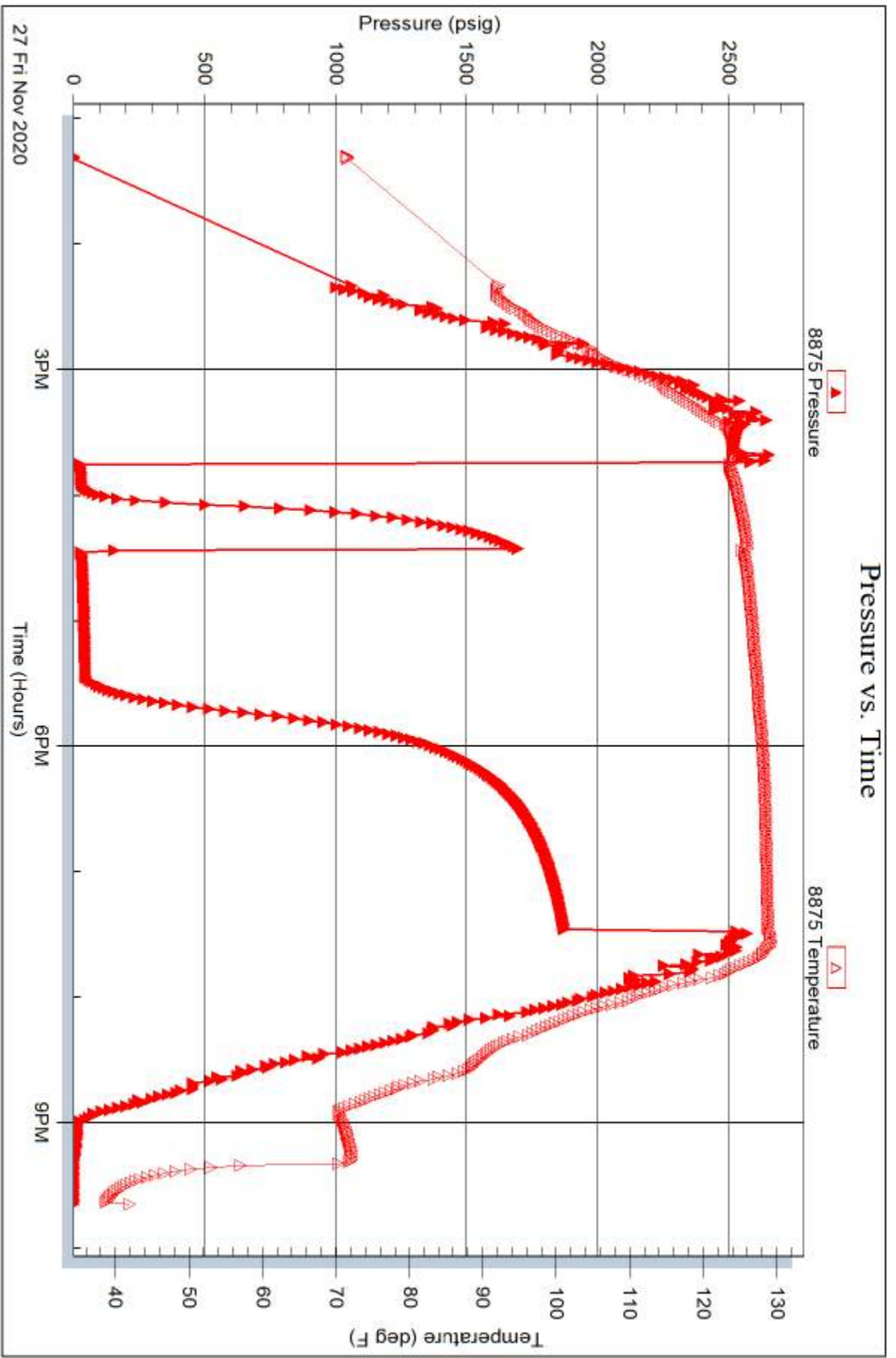
Serial #: 8875

Inside

Briscoe Petroleum LLC

Tammy #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 64502

Printed: 2020.11.30 @ 11:07:43



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64502

4/10

Well Name & No. Tammy #2 Test No. 1 Date 11/27/2020
 Company Briscoe Petroleum LLC Elevation 1590 KB 1577 GL
 Address PO BOX 6690 Sheridan WY 82801
 Co. Rep / Geo. Rich D. Briscoe Rig Duke #7
 Location: Sec. 35 Twp 33A Rge. 12W Co. Barber State KS

Interval Tested 5069-5152' Zone Tested Misener
 Anchor Length 83' Drill Pipe Run 5063' Mud Wt. 9.2
 Top Packer Depth 5064' Drill Collars Run — Vis 75
 Bottom Packer Depth 5069' Wt. Pipe Run — WL 7.2
 Total Depth 5152' Chlorides 3000 ppm System LCM 5H

Blow Description 27 - slid 8 ft; Weak surface
ISS - No Return
77 - Surface to 2 3/4"
7SD - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60'</u>	<u>GOSM</u>	<u>5</u>		<u>95%</u>	
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 60' BHT 128° Gravity — API RW — @ —° F Chlorides — ppm

(A) Initial Hydrostatic 2584 Test 1400 T-On Location 11:49
 (B) First Initial Flow 27 Jars 250 T-Started 13:18
 (C) First Final Flow 30 Safety Joint 75 T-Open 15:44
 (D) Initial Shut-In 1702 Circ Sub — T-Pulled 19:24
 (E) Second Initial Flow 36 Hourly Standby — T-Out 21:38
 (F) Second Final Flow 45 Mileage 32227 94rt Comments EM Tool;
 (G) Final Shut-In 1871 Sampler — loaded after test
 (H) Final Hydrostatic 2595 Straddle — 350
 Ruined Shale Packer —
 Ruined Packer —

Initial Open 10 Extra Packer — Extra Copies —
 Initial Shut-In 30 Extra Recorder — Sub Total 0
 Final Flow 60 Day Standby — Total 1819
 Final Shut-In 120 Accessibility — MP/DST Disc't —
 Sub Total 1819

Approved By _____ Our Representative Spencer J. Stahl

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.

785-259-0056



CEMENT TREATMENT REPORT

Customer: BRISCOE PETROLEUM LLC
City, State: MEDICINE LODGE KS
Field Rep:

Well: TAMMY 2
County: BARBER KS
S-T-R: 35-33S-12W

Ticket: ICT4448
Date: 11/22/2020
Service: 8 5/8 SURFACE

Downhole Information	
Hole Size:	in
Hole Depth:	ft
Casing Size:	8 5/8 in
Casing Depth:	251 ft
Tubing / Liner:	in
Depth:	360 ft
Tool / Packer:	
Tool Depth:	360 ft
Displacement:	14.5 bbls

Calculated Slurry - Lead	
Blend:	CLASS A
Weight:	15.6 ppg
Water / Sx:	5.2 gal / sx
Yield:	1.20 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	32.0 bbls
Total Sacks:	150 sx

Calculated Slurry - Tail	
Blend:	
Weight:	PPG
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	#DIV/0! sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
2:15 AM			-	-	ON LOCATION, SAFTEY MEETING
3:15 AM				-	RUN 8 5/8 28# CASING, STOP RING CENTERED ON 1ST JOIT WITH CENTRALIZER
				-	CENTRALIZERS IN 1,2,3,4
4:00 AM				-	CASING ON BOTTOM
4:11 AM				-	HOOK TO CASING, CIRCULATE WITH RIG
4:20 AM	5.0	400.0	33.0	33.0	MIX 150 SKS CLASS A WITH 2% CACIUM CHLORIDE AND .25 PPS CELLOFLAKE
4:30 AM	4.0	150.0	14.5	47.5	START DISPLACEMENT
4:34 AM		100.0		47.5	PLUG DOWN, SHUT IN WELL
					CEMENT TO SURFACE
					JOB COMPLETE, THANK YOU!
					MIKE MATTAL
					MIKE& E.J.

CREW		UNIT	SUMMARY		
Cementer:	MATTAL	912	Average Rate	Average Pressure	Total Fluid
Pump Operator:	MCGRAW	526/521	4.5 bpm	217 psi	48 bbls
Bulk #1:	MCGRAW	181/532			
Bulk #2:					



CEMENT TREATMENT REPORT

Customer:	BRISCOE PETROLEUM LLC	Well:	TAMMY 2	Ticket:	ICT4467
City, State:	MEDICINE LODGE KS	County:	BARBER KS	Date:	11/29/2020
Field Rep:	RICK BRISCOE	S-T-R:	35-33S-12W	Service:	5 1/2 LONGSTRIN

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	5198 ft
Casing Size:	5 1/2 in
Casing Depth:	5198.07 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	119.8 bbls

Calculated Slurry - Lead	
Blend:	H-PLUG
Weight:	13.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	24.0 bbls
Total Sacks:	100 sx

Calculated Slurry - Tail	
Blend:	HAA2
Weight:	15 ppg
Water / Sx:	5.9 gal / sx
Yield:	1.49 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	27.0 bbls
Total Sacks:	100 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
7:45 PM			-	-	ONTION, SAFTEY MEETING
9:30 PM				-	RUN 5.5" 17# CASING, 35.92' SHOE JOINT WITH AUTOFILL FLOAT SHOE, LATCHDOWN IN FIRST COLLAR
				-	STOP RING AND TURBOLIZER MIDDLE OF JOINT 1, TURBOS ON 2,4,6,8,10,12,14,16,18
12:23 PM				-	CASING ON BTOOM
12:37 PM				-	HOOK TO CASING, BREAK CIRCULATION WITH RIG
2:00 AM	2.0	50.0	7.0	7.0	MIX 30 SKS H-PLUG FOR RAT HOLE
2:06 AM	2.0	50.0	5.0	12.0	MIX 20 SKS H-PLUG FOR MOUSE HOLE
2:12 AM	4.0	200.0	5.0	17.0	HOOK TO CASING, PUMP 5 BBL WATER
2:14 AM	4.0	200.0	13.0	30.0	MIX 50 SKS H-PLUG
2:16 AM	4.0	200.0	27.0	57.0	MIX 100 SKS HAA2
2:22 AM	3.0	50.0	4.0	61.0	WASH PUMP AND LINES, DROP PLUG
2:34 AM	5.6	200.0		61.0	START 2% KCL DISPLACEMENT
2:56 AM	5.6	300.0	86.0	147.0	LIFT PRESSURE
2:55 AM	3.0	600.0	110.0	257.0	SLOW RATE
2:58 AM		1,500.0	119.7	376.7	PLUG DOWN, RELEASED AND HELD
					SLIGHT DRIP AT WELL HEAD, SHUT IN MANIFOLD
					CIRCULATION THROUGH JOB
					JOB COMPLETE, THANK YOU!
					MIKE MATTAL
					MIKE & E.J.

CREW		UNIT	SUMMARY		
Cementer:	MATTAL	912	Average Rate	Average Pressure	Total Fluid
Pump Operator:	MCGRW	526/521	3.7 bpm	335 psi	377 bbls
Bulk #1:	MCGRW	181/532			
Bulk #2:					