

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
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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

GeoSouthern Operating II, LLC

6 8s 37w Sherman, Ks

1425 Lakefront Circle
The woodlands, Tx 77380

Sieck 1-6

Job Ticket: 64818

DST#: 1

ATTN: Ben Landes

Test Start: 2019.10.05 @ 12:35:00

GENERAL INFORMATION:

Formation: **LKC- K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:35:30

Time Test Ended: 19:34:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4475.00 ft (KB) To 4570.00 ft (KB) (TVD)

Reference Elevations: 3505.00 ft (KB)

Total Depth: 4570.00 ft (KB) (TVD)

3500.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8522 Inside

Press@RunDepth: 73.37 psig @ 4476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.10.05 End Date: 2019.10.05

Last Calib.: 2019.10.05

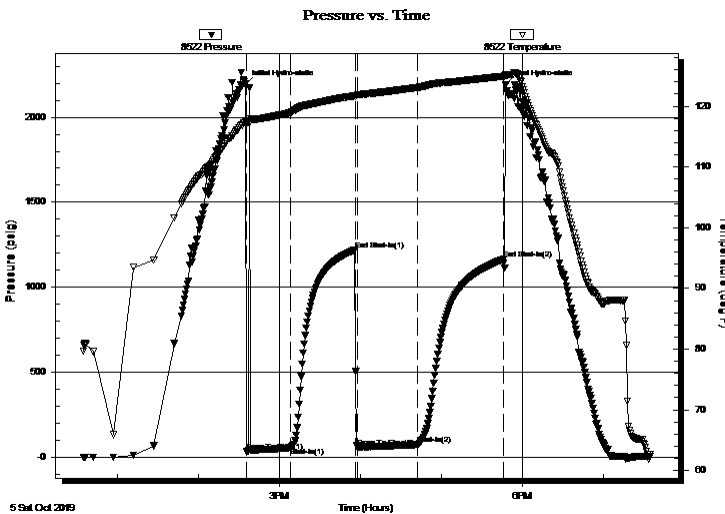
Start Time: 12:35:05 End Time: 19:34:14

Time On Btm: 2019.10.05 @ 14:35:00

Time Off Btm: 2019.10.05 @ 17:47:30

TEST COMMENT: 30- IF: 1 1/5" blow .
45- IS: No return
45- FF: 1 3/4" blow .
60- FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2192.02	117.36	Initial Hydro-static
1	34.77	116.94	Open To Flow (1)
33	55.79	118.91	Shut-In(1)
81	1219.06	121.71	End Shut-In(1)
83	58.73	121.87	Open To Flow (2)
128	73.37	123.08	Shut-In(2)
191	1163.89	124.93	End Shut-In(2)
193	2191.49	125.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	ocm 15o 85m	0.70
30.00	go 10g 90o	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

GeoSouthern Operating II, LLC

6 8s 37w Sherman, Ks

1425 Lakefront Circle
The woodlands, Tx 77380

Sieck 1-6

Job Ticket: 64818

DST#: 1

ATTN: Ben Landes

Test Start: 2019.10.05 @ 12:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	ocm 15o 85m	0.703
30.00	go 10g 90o	0.421

Total Length: 160.00 ft Total Volume: 1.124 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

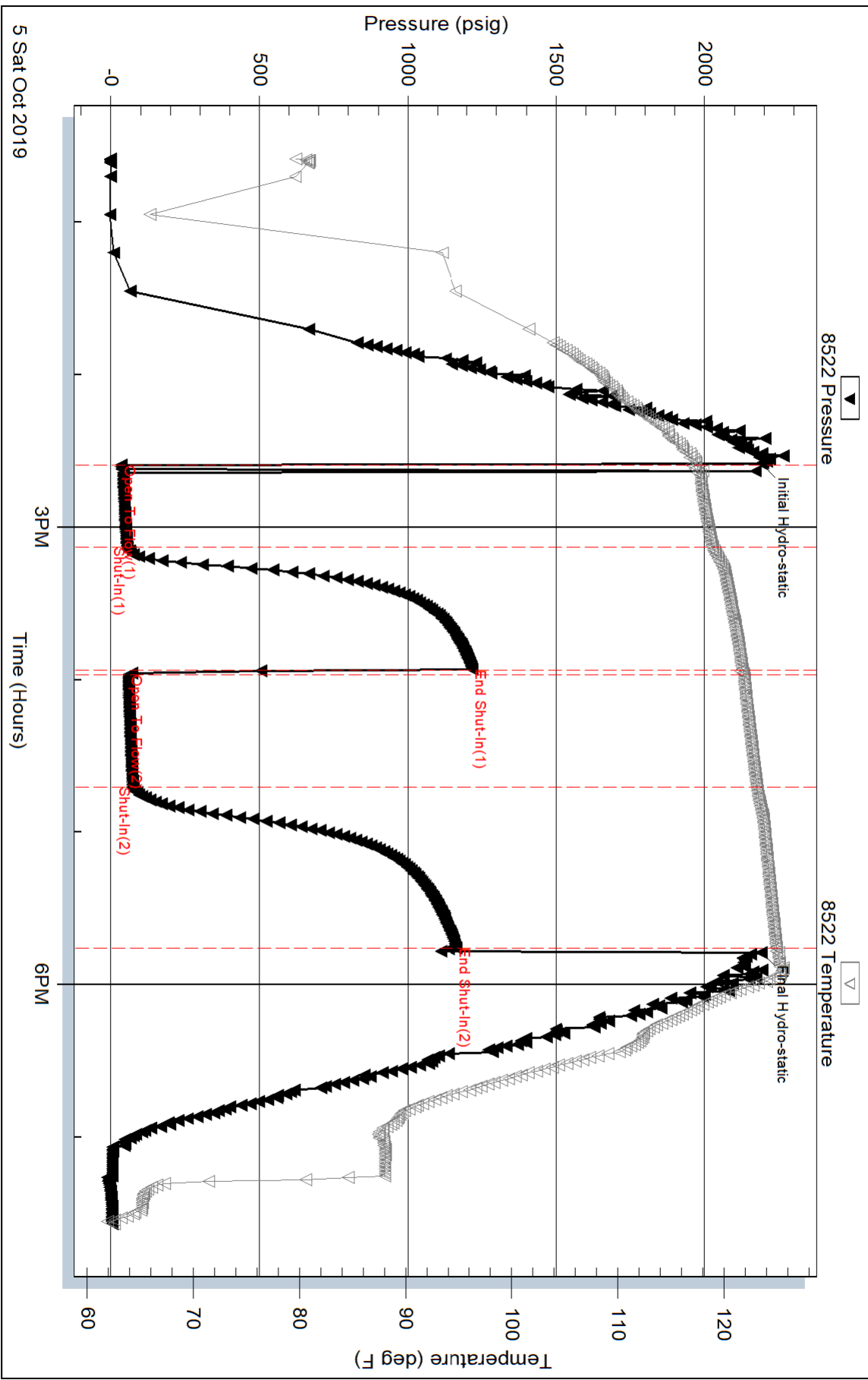
Serial #:

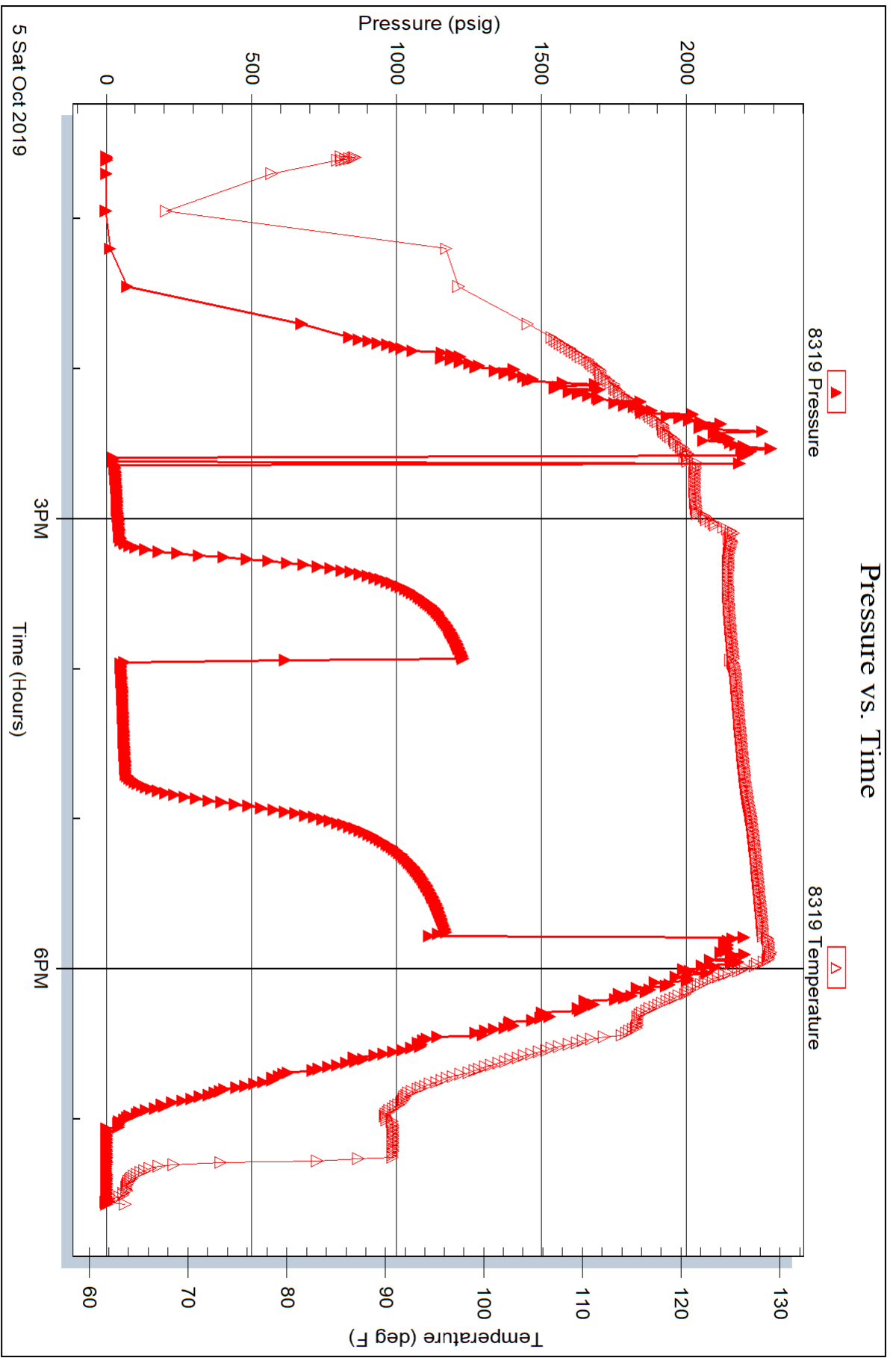
Laboratory Name:

Laboratory Location:

Recovery Comments: sampler 700ml oil 1300ml mud @ 60psi

Pressure vs. Time







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

GeoSouthern Operating II, LLC

6 8s 37w Sherman, Ks

1425 Lakefront Circle
The woodlands, Tx 77380

Sieck 1-6

Job Ticket: 64819

DST#: 2

ATTN: Ben Landes

Test Start: 2019.10.06 @ 12:15:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:19:45

Time Test Ended: 19:17:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: **4624.00 ft (KB) To 4720.00 ft (KB) (TVD)**

Reference Elevations: 3505.00 ft (KB)

Total Depth: 4720.00 ft (KB) (TVD)

3500.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: **8522**

Inside

Press@RunDepth: 44.34 psig @ 4625.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.10.06

End Date:

2019.10.06

Last Calib.: 2019.10.06

Start Time: 12:15:05

End Time:

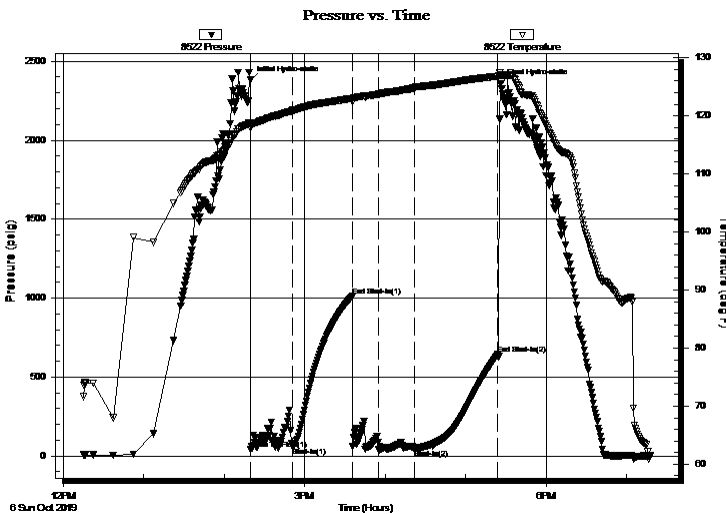
19:17:14

Time On Btm: 2019.10.06 @ 14:19:15

Time Off Btm: 2019.10.06 @ 17:26:00

TEST COMMENT: 30- IF: 1" blow.
45- IS: No return.
45- FF: Surface blow.
60- FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2379.97	118.74	Initial Hydro-static
1	42.12	117.99	Open To Flow (1)
32	57.37	120.92	Shut-In(1)
77	1010.97	123.00	End Shut-In(1)
96	39.34	123.63	Open To Flow (2)
123	44.34	124.80	Shut-In(2)
185	642.37	126.81	End Shut-In(2)
187	2357.23	127.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	socm 2o 98m	0.12

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

GeoSouthern Operating II, LLC

6 8s 37w Sherman, Ks

1425 Lakefront Circle
The woodlands, Tx 77380

Sieck 1-6

Job Ticket: 64819

DST#: 2

ATTN: Ben Landes

Test Start: 2019.10.06 @ 12:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	socm 2o 98m	0.123

Total Length: 25.00 ft Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

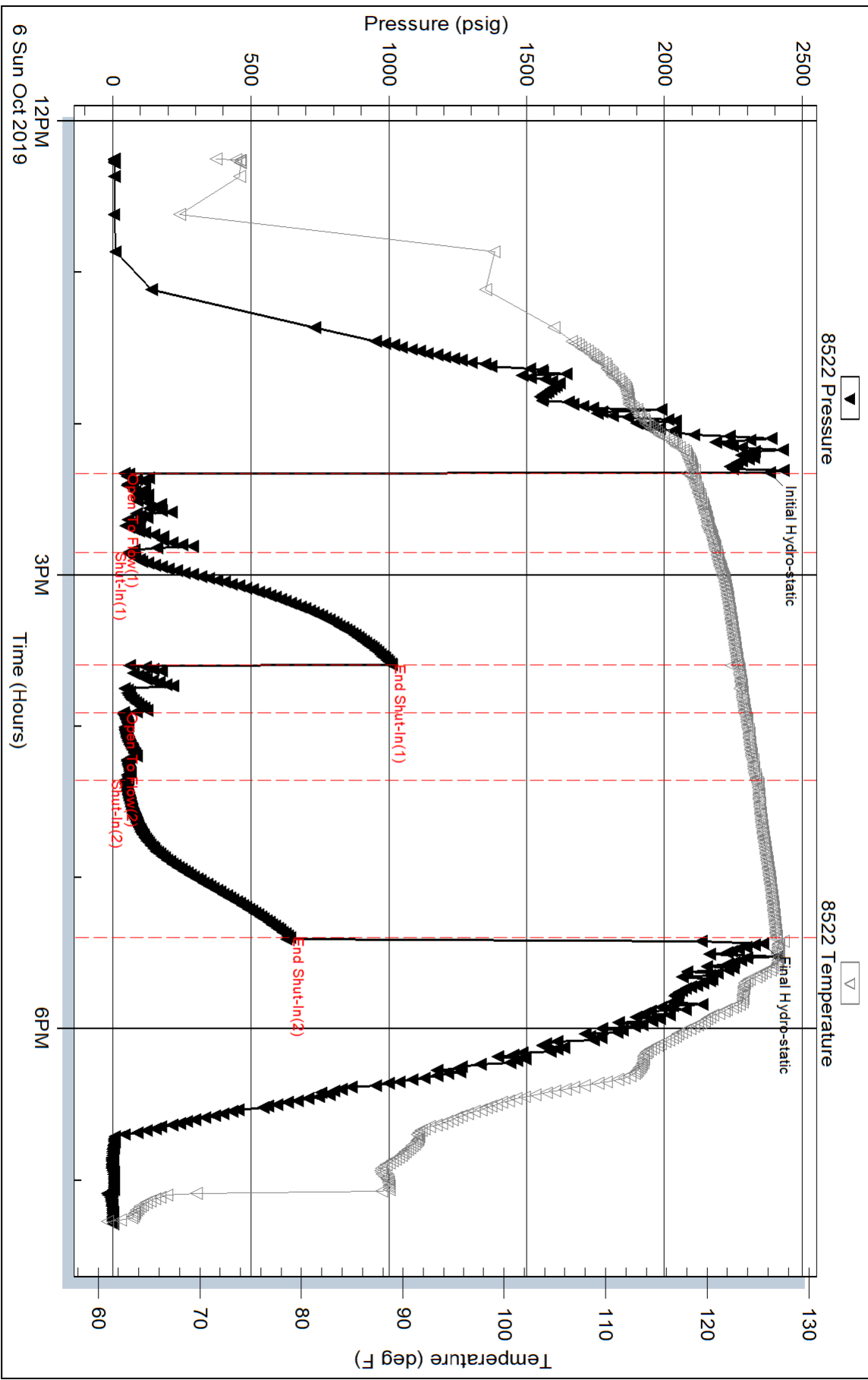
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: sampler 120ml oil 1880ml mud @ 30psi

Pressure vs. Time

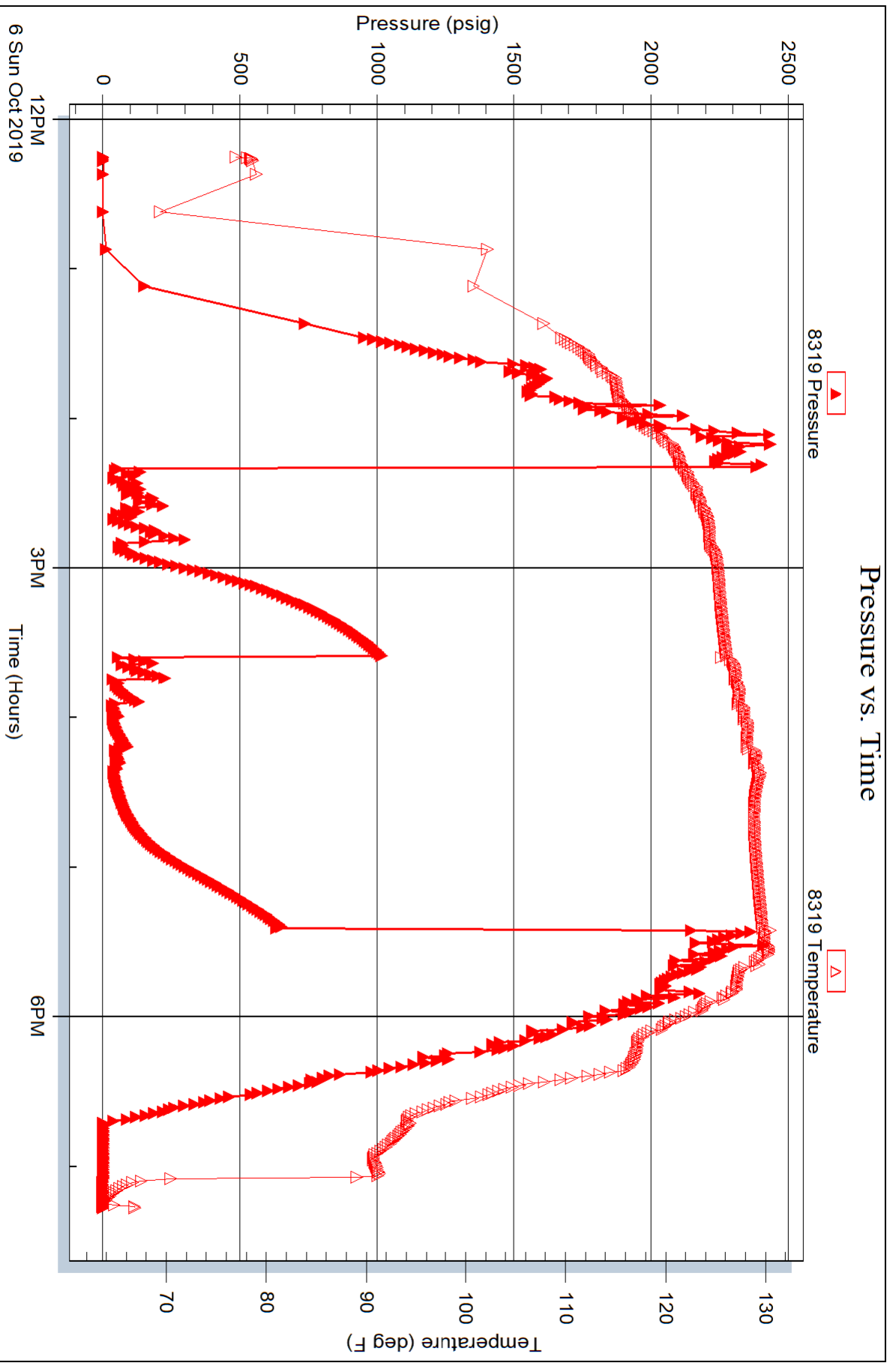


Serial #: 8319

Outside Geosouthern Operating II, LLC

Seek 1-6

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

GeoSouthern Operating II, LLC

6 8s 37w Sherman, Ks

1425 Lakefront Circle
The Woodlands, TX 77380

Sieck 1-6

Job Ticket: 64820

DST#: 3

ATTN: Ben Landes

Test Start: 2019.10.07 @ 00:40:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:33:15

Time Test Ended: 08:09:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4675.00 ft (KB) To 4720.00 ft (KB) (TVD)

Reference Elevations: 3505.00 ft (KB)

Total Depth: 4720.00 ft (KB) (TVD)

3500.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8522 Inside

Press@RunDepth: 38.90 psig @ 4676.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.10.07 End Date: 2019.10.07

Last Calib.: 2019.10.07

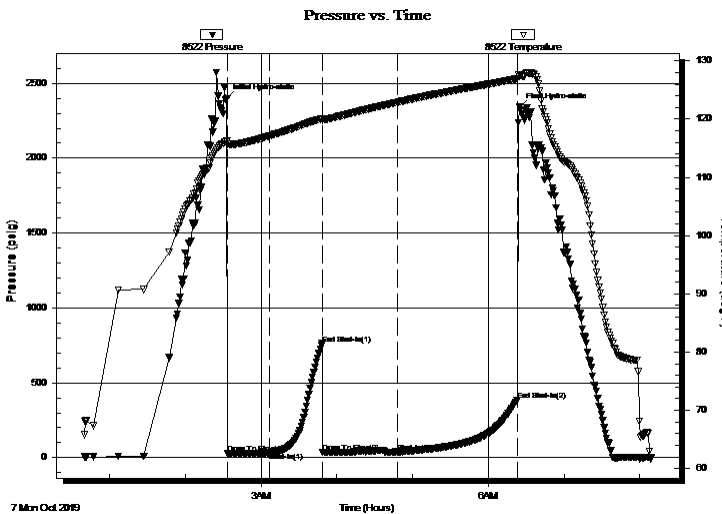
Start Time: 00:40:05 End Time: 08:09:14

Time On Btm: 2019.10.07 @ 02:32:45

Time Off Btm: 2019.10.07 @ 06:24:45

TEST COMMENT: 30- IF: 1 3/4" blow .
45- IS: Surface return.
60- FF: 1" blow .
90- FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2397.17	116.21	Initial Hydro-static
1	30.13	115.69	Open To Flow (1)
34	32.93	117.10	Shut-In(1)
76	761.64	120.06	End Shut-In(1)
76	36.48	119.78	Open To Flow (2)
135	38.90	122.87	Shut-In(2)
230	381.50	126.91	End Shut-In(2)
232	2340.13	127.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	socm 1o 99m Oil puddle on top	0.12

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

GeoSouthern Operating II, LLC

6 8s 37w Sherman, Ks

1425 Lakefront Circle
The woodlands, Tx 77380

Sieck 1-6

Job Ticket: 64820

DST#: 3

ATTN: Ben Landes

Test Start: 2019.10.07 @ 00:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	socm 1o 99m Oil puddle on top	0.123

Total Length: 25.00 ft Total Volume: 0.123 bbl

Num Fluid Samples: 0

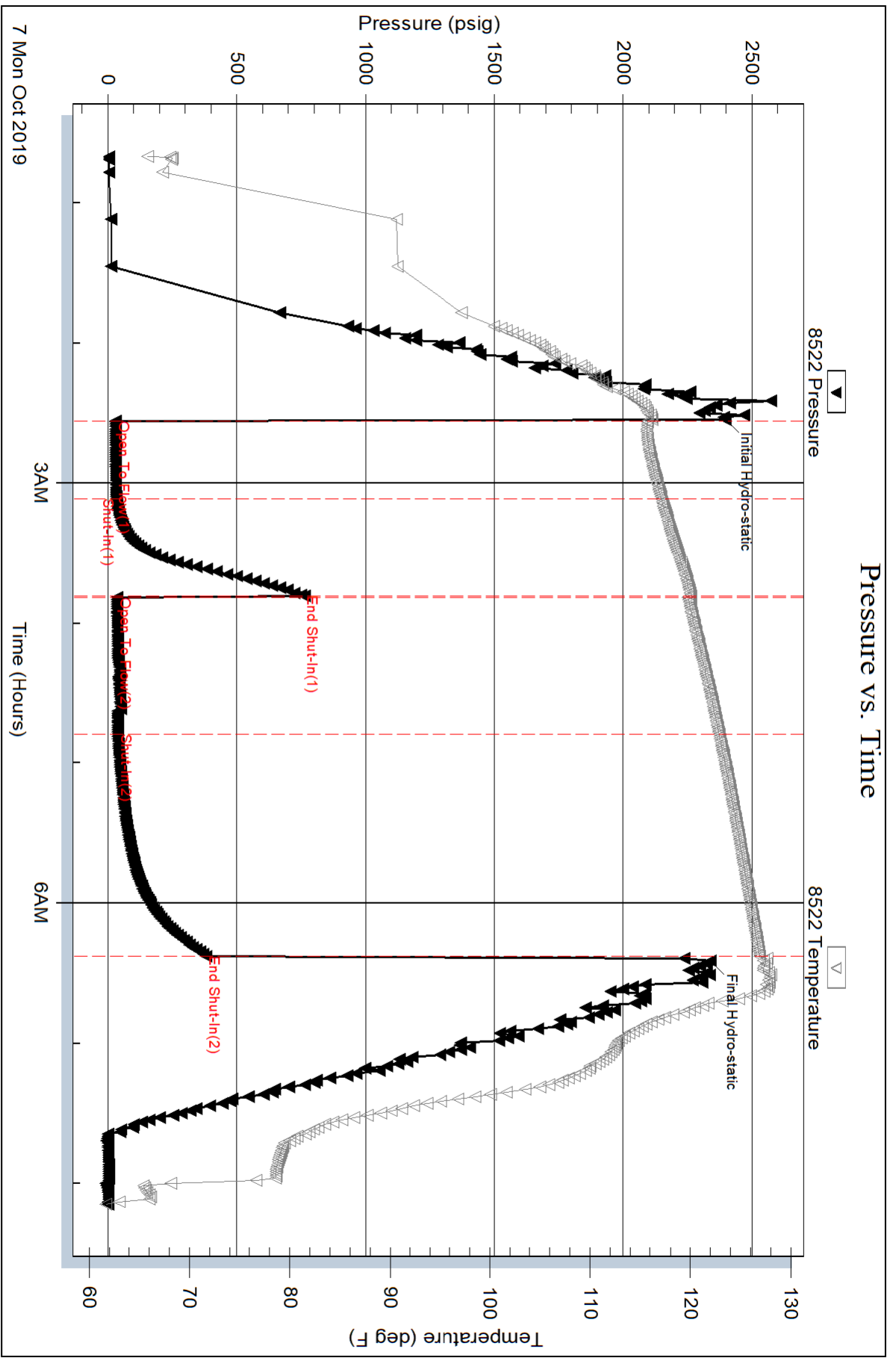
Num Gas Bombs: 0

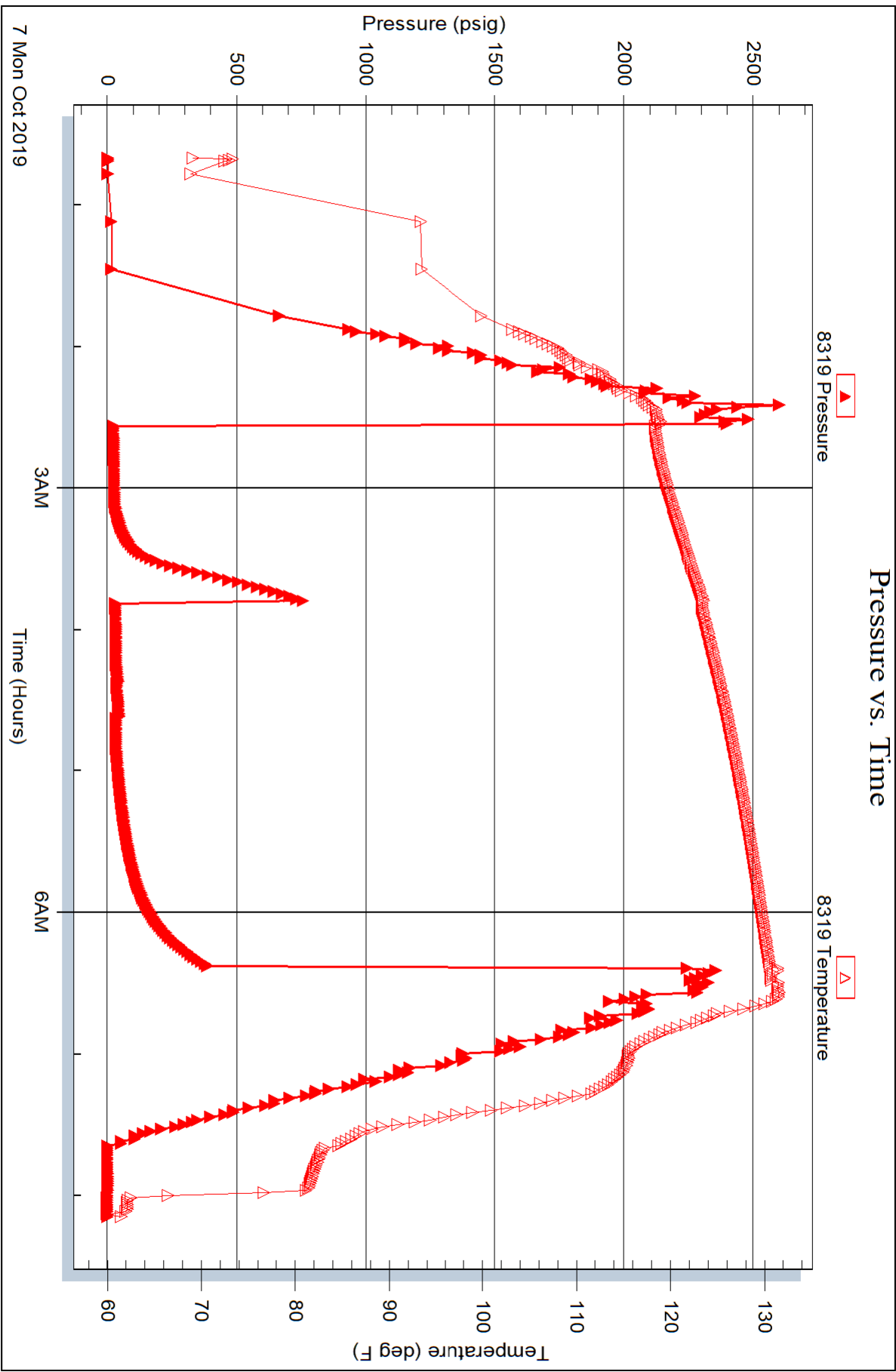
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler- 80ml oil 1920ml mud @ 30 psi





GEOLOGICAL REPORT

WellSight Systems

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

Well Name: SIECK 1-6

Well Id:

Location: SECTION 6-T8S-7W

License Number:

Spud Date: 9-30-2019

Surface Coordinates:

Region: SHERMAN CO, KS

Drilling Completed: 10-8-2019

Bottom Hole

Coordinates:

Ground Elevation (ft): 3500

K.B. Elevation (ft): 3505

Logged Interval (ft): 4150

To: RTD

Total Depth (ft): 5130

Formation:

Type of Drilling Fluid: MUD/CHEM DISPLACED @

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

OPERATOR

Company: GeoSouthern II,LLC

Address:

GEOLOGIST

Name: BEN C. LANDES

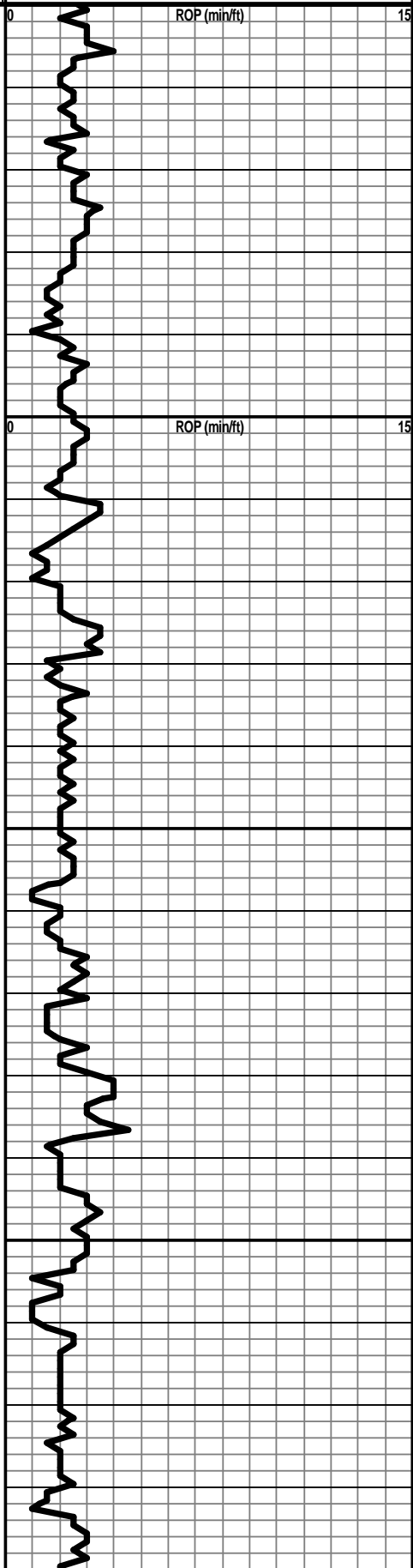
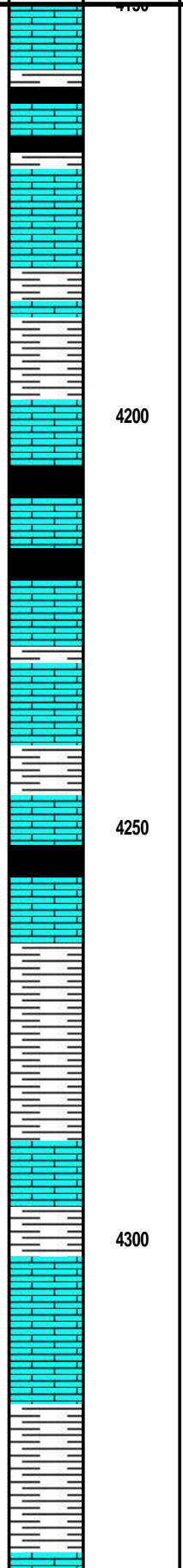
Company: GEOSOUTHERN

Address:

E-Log Tops

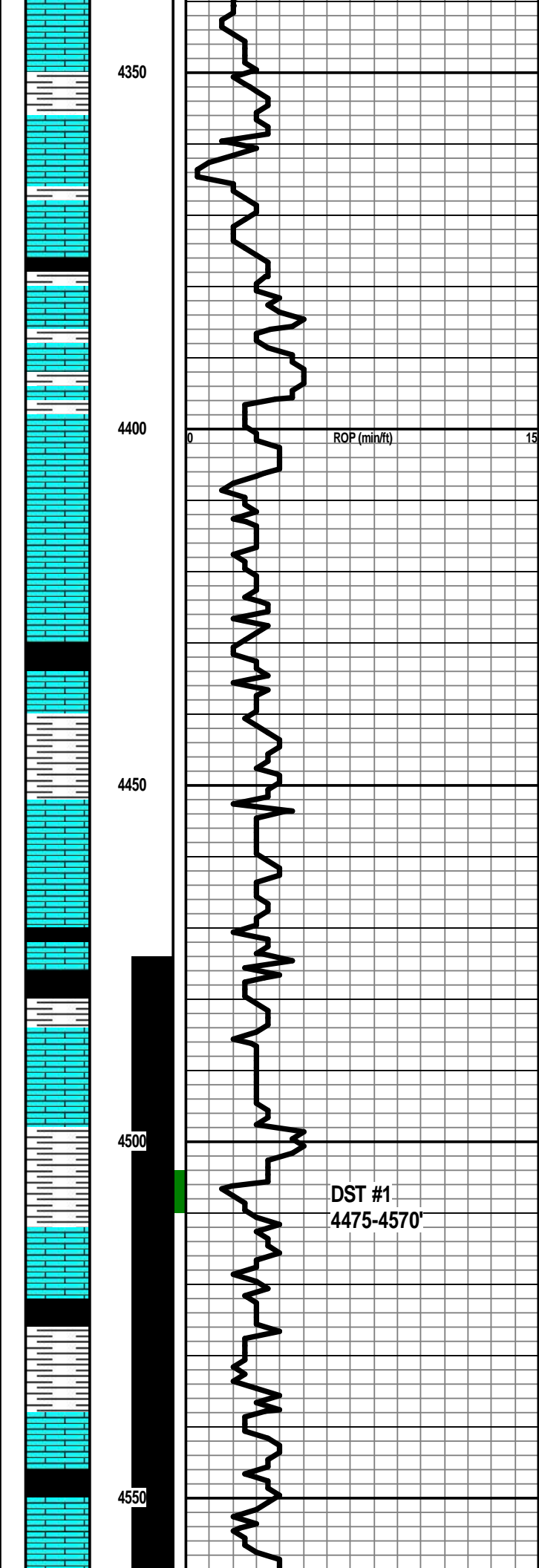
Comments

New Track	Lithology	MD	Curve Track 1 ROP (min/ft)	Geological Descriptions	Oil Shows	MISC
		4150	0 15 ROP (min/ft)			
		4200	0 15 ROP (min/ft)			
		4250		HEEBNER 4253 (-748)		
		4300		LANSING 4304 (-799)		



HEEBNER 4253 (-748)

LANSING 4304 (-799)



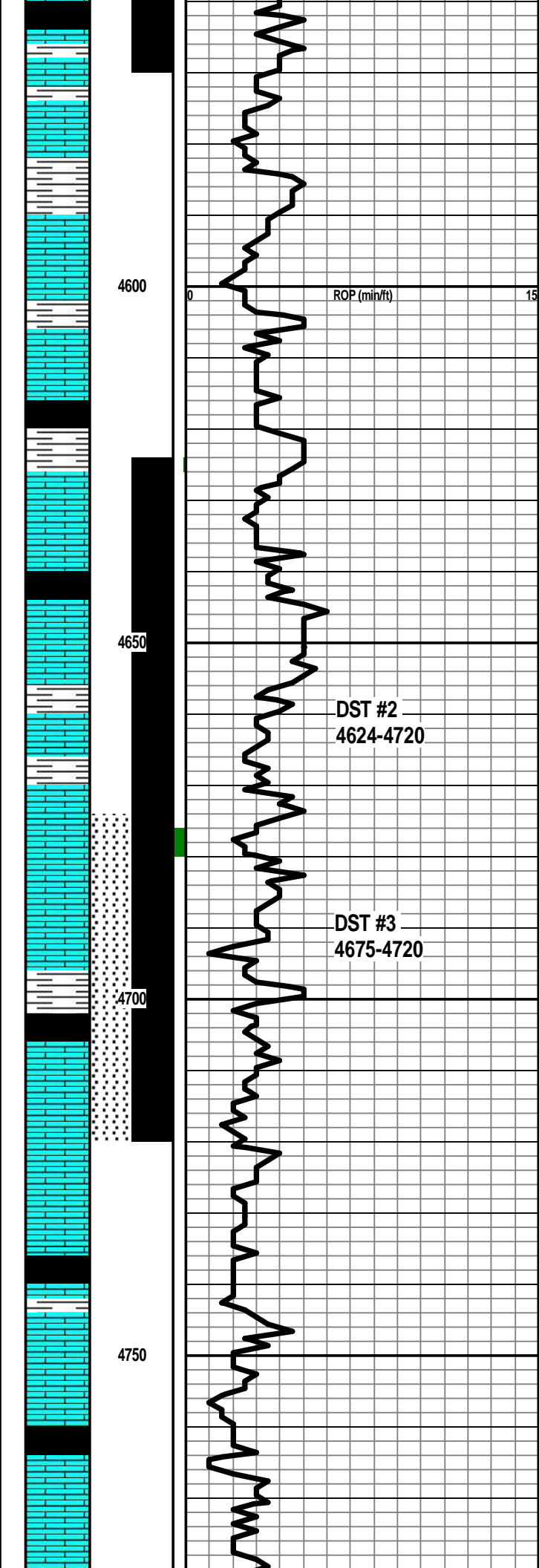
Ls-white-fxyl-fxyl & pp por-few withlive stain-no odor-dull flour

DST #1
4475-4570'

Ls-crm-fxyl-few pcs with live oil sho & free oil on break-lite odor -f flour

STARK 4522 (-1017)

- DST 1 4475-4570 Lansing K & L Zones
- IHP 2192#
- IFP 34-56# 30"
- ISIP 1219# 45"
- FFP 59-73# 45"
- FSIP 1164# 60"
- FHP 2191#
- IF 1.5"
- ISI No blow
- FF 1.75"
- FSI No blow
- Rec: 30' Gassy Oil
- 130' OCM
- Temp. 126 deg.



4600

ROP (min/ft)

15

4650

MARMATON 4644 (-1141)

DST #2
4624-4720

Ls-crm-med xyl-oolitic-good xyl & vuggy por-good sho-live oil stain & live free oil-bleeding gassy oil on break-fair odor & fluor.

DST #3
4675-4720

4700

PAWNEE 4710 (-1205)

4750

MYRIC Station 4740 (-1235)

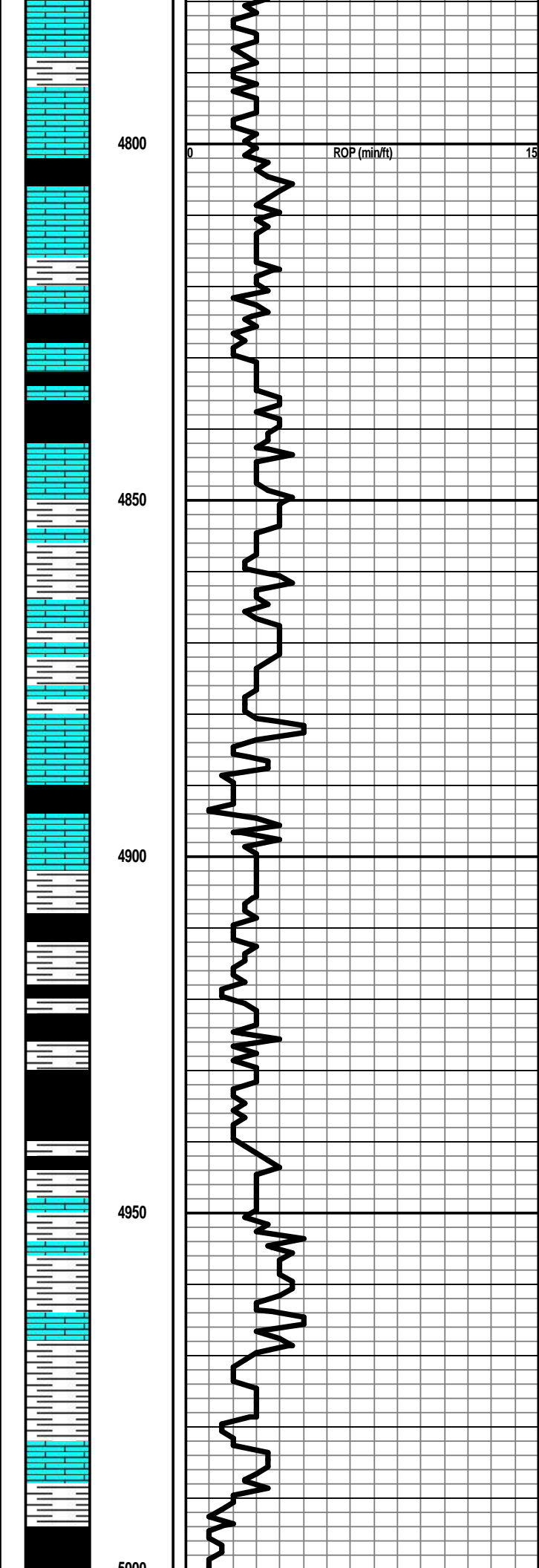
FT SCOTT 4770 (1263)

DST 2 4624-4720 Marmaton

- IHP 2380#
- IFP 42-57# 30"
- ISIP 1011# 45"
- FFP 39-44# 45"
- FSIP 642# 60"
- FHP 2357#
- IF 1"
- ISI No blow
- FF Surface blow
- FSI No blow
- Rec: 25' SOCM
- Temp. 127 deg.

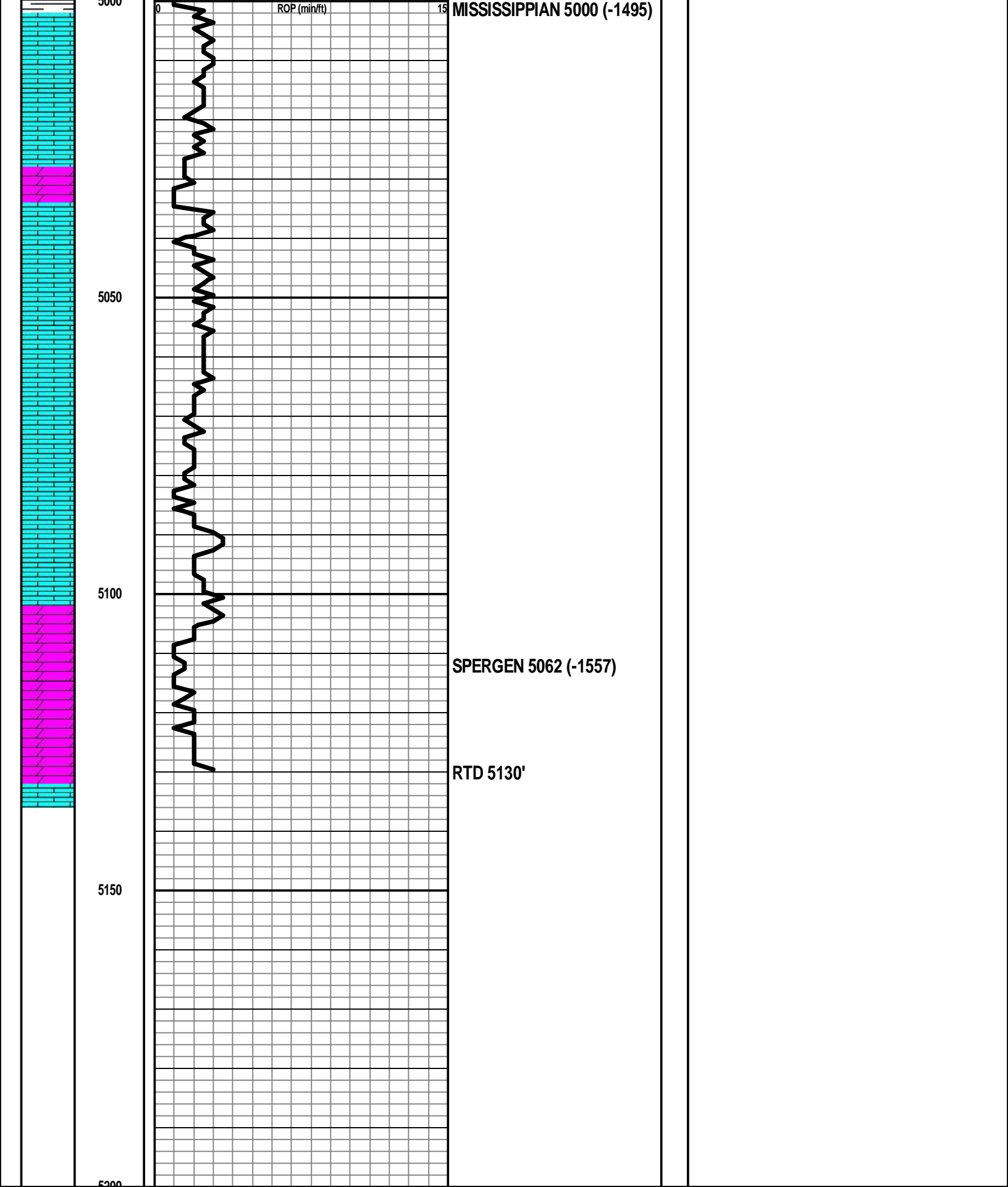
DST 3 4675-4720 Marmaton

- IHP 2397#
- IFP 30-33# 30"
- ISIP 762# 45"
- FFP 36-39# 60"
- FSIP 382# 90"
- FHP 2340#
- IF 1" Blow
- ISI Surface blow
- FF 1" Blow
- FSI No Blow
- Rec: 25' VSOCM
- Temp. 127 deg.



CHEROKEE SH 4804 (-1299)

JOHNSON ZONE 4844 (-1339)





RECEIVED
OCT 21 2019

HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
GEOSOUTHERN OPERATING II, LLC
1425 LAKE FRONT CIRCLE
THE WOODLANDS, TX 77380

Invoice Date: 10/1/2019
Invoice #: 0344286
Lease Name: Sleck
Well #: 1-6 (New)
County: Sherman
Job Number: ICT2488
District: Oakley

Date/Description	HRS/QTY	Rate	Total
9/30-Surface	0.000	0.000	0.00
Pump truck #209	1.000	637.500	637.50
Heavy Eq Mileage	50.000	3.400	170.00
Light Eq Mileage	50.000	1.700	85.00
Ton Mileage	741.000	1.275	944.78
H-325	300.000	17.000	5,100.00

Total 6,937.28

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

RECEIVED
OCT 25 2019



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
GEOSOUTHERN OPERATING II, LLC
1425 LAKE FRONT CIRCLE
THE WOODLANDS, TX 77380

Invoice Date: 10/9/2019
Invoice #: 0344430
Lease Name: Sleck
Well #: 1-6
County: Sherman
Job Number: ICT2549
District: Oakley

Date/Description	HRS/QTY	Rate	Total
PTA	0.000	0.000	0.00
Pump truck #207	1.000	637.500	637.50
Heavy Eq Mileage	50.000	3.400	170.00
Light Eq Mileage	50.000	1.700	85.00
Ton Mileage	534.000	1.275	680.85
H-Plug	240.000	11.050	2,652.00
Wooden plug 8 5/8"	1.000	127.500	127.50

Net Invoice 4,352.85
Sales Tax: 242.25
Total 4,595.10

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



CEMENT TREATMENT REPORT

Customer: GeoSouthern	Well: Sieck 1-6	Ticket: ICT 2549
City, State:	County: Sherman	Date: 10/9/2019
Field Rep:	S-T-R: 6-8S-37W	Service:

Downhole Information	
Hole Size:	7 7/8
Hole Depth:	5130
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	bbbls

Slurry	
Weight:	13.5 # / sx
Water / Sx:	6 8/9 gal / sx
Yield:	1 3/7 ft³ / sx
Bbls / Ft.:	
Depth:	ft
Volume:	bbbls
Excess:	%
Total Slurry:	60.69 bbbls
Total Sacks:	240 sx

Cement Blend		
Product	%	#
Class A	60.0	15536
Gel	4.0	905
CaCl		
Metso		
KolSeal		
PhenoSeal		
Salt		
Pozmix	40.0	7104
Total		23,545

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
1216A				ON LOCATION					
1225A				SAFETY MEETING					
1235A				RIG UP					
157A	4.0	300.0	5.0	H2O AHEAD					
159A	4.0	300-100	12.6	CEMENT 50 SKS @ 3085 FT					
203A	4.0	100.0	5.0	DISPLACE H2O					
				DISPLACE MUD (RIG PUMP)					
240A	4.0	250.0	5.0	H2O AHEAD					
249A	4.0	250-100	25.3	CEMENT 100 SKS @ 2160 FT					
255A	4.0	100.0	24.0	DISPLACE H2O					
353A	4.0	100.0	5.0	H2O AHEAD					
358A	4.0	100.0	12.6	CEMENT 50 SKS @ 430 FT					
400A	4.0	100.0	2.5	DISPLACE H2O					
450A	2.0	50.0	2.5	CEMENT 10 SKS @ 40 FT					
455A	2.0	50.0	7.5	CEMENT 30 SKS RATHOLE					
505A				WASH UP					
510A				RIG DOWN					
530A				LEFT LOCATION					

CREW		UNIT		SUMMARY		
Cementer:				Average Rate	Average Pressure	Total Fluid
Pump Operator:				3.63636 bpm	127.78 psi	107.00 bbbls
Bulk #1:						
Bulk #2:						