

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

Form	ACO1 - Well Completion
Operator	Daystar Petroleum, Inc.
Well Name	TREMBLEY A 2
Doc ID	1409871

Tops

Name	Top	Datum
Heebner	3016	-1378
Toronto	3036	-1398
Douglas	3077	-1439
Brown Lime	3204	-1566
KC Dennis	3462	-1824
Stark Sh	3504	-1866
Swope	3512	-1874
Hushpuckney Sh	3541	-1903
Hertha	3551	-1913
Base KC	3604	-1966

Form	ACO1 - Well Completion
Operator	Daystar Petroleum, Inc.
Well Name	TREMBLEY A 2
Doc ID	1409871

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	310	60/40 Poz	465	NA
Production	7.875	4.5	10.50	3652	AA2	175	.5 gilsonite

FIELD
ORDER N^o C 45825BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

DATE 4-27 20 18

IS AUTHORIZED BY: Deyster Petroleum

(NAME OF CUSTOMER)

Address _____ City _____ State _____

To Treat Well _____
As Follows: Lease Trembley Well No. A-2 Customer Order No. _____Sec. Twp. _____
Range _____ County Reno State Ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED
BEFORE WORK IS COMMENCED

Well Owner or Operator

By

Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
2	25	nikese pump truck	4. ⁰⁰	100.00
2	25	nikese pickup	2. ⁰⁰	50.00
2	1	Pump Charge - Surface Pipe		1,100.00
2	300	60/40 per. 2% gal.	10. ⁷⁵	3,225.00
2	16	Celeium Chloride	30. ⁰⁰	480.00
2	25 [#]	CelloSlake	3. ⁰⁰	75.00
2	160	Common	12. ⁷⁵	2,040.00
2	1	1" Tubing Rental		50.00
2	477	Bulk Charge	1. ²⁵	596.25
2		Bulk Truck Miles 21.13 T x 25 ^m = 528.25 T x 1. ¹⁰	1. ¹⁰	581.08
		Process License Fee on _____ Gallons		8,297.33
		TOTAL BILLING	20% +	1,659.47

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative Netha W.

6,637.26

Station G.B.Steve B.

Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

[illegible]



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

3-255-8W

FIELD SERVICE TICKET
1718 16731 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>5/3/2018</u>		DISTRICT <u>Pratt, KS</u>		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 <u>Dynstar Petroleum, Inc.</u>		LEASE <u>Trembley</u>		WELL NO. <u>A-2</u>	
ADDRESS		COUNTY <u>Reno</u>		STATE <u>KS</u>	
CITY		STATE		SERVICE CREW <u>Dson, Ed, Kevin</u>	
AUTHORIZED BY		JOB TYPE: <u>242/4 1/2 Longstring</u>			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
<u>20920</u>	<u>1</u>				
<u>19860</u>	<u>1/2</u>				
				TRUCK CALLED	DATE <u>5/2</u> AM <u>8:00</u> TIME
				ARRIVED AT JOB	<u>5/2</u> AM <u>9:45</u>
				START OPERATION	<u>5/3</u> AM <u>2:00</u>
				FINISH OPERATION	<u>5/3</u> AM <u>3:00</u>
				RELEASED	<u>5/3</u> AM <u>4:00</u>
				MILES FROM STATION TO WELL	<u>36</u>

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

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AD2 Cement	SK	175		2,975 00
CP103	60/40 P02	SK	50		600 00
CC102	Cellophane	Lb	44		162 80
CC105	C-41P	Lb	83		332 00
CC111	Sgt	Lb	916		458 00
CC113	Gypsum	Lb	825		618 75
CC148	C-17	Lb	83		1,660 00
CC201	Gilsonite	Lb	805		586 25
CC200	Cement Gel	Lb	84		21 00
CF1250	Auto Fill Flop+ Shoe 4 1/2" (Blue)	ES	1		330 00
CF606	LGsch Down Plug & Baffle, 4 1/2" (Blue)	ES	1		370 00
CF1900	4 1/2" Baskets (Blue)	ES	2		540 00
CF1650	Turbolizer, 4 1/2" (Blue)	ES	12		1,020 00
CF2002	Cement+ SCr9+chris Rot+ns Type	ES	6		300 00
CC151	Mud Flush	Gsi	500		750 00
C704	Cicymor KCL Substruc	Gsi	5		175 00

CHEMICAL / ACID DATA:

SUB TOTAL

SERVICE & EQUIPMENT

%TAX ON \$

MATERIALS

%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE Kevin Edwards

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



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

3-255-86

1718 ~~16732~~ A

Continuation 16734

DATE TICKET NO.

DATE OF JOB 3/3/2018		DISTRICT Prsttd, KS		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 Dorsey Petroleum, Inc.				LEASE Trembler				WELL NO. A-2		
ADDRESS				COUNTY Reno				STATE KS		
CITY				STATE				SERVICE CREW Darin, Ed, Kevin		
AUTHORIZED BY				JOB TYPE: 242/4 1/2 Long strings						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE	AM PM	TIME
						ARRIVED AT JOB			AM PM	
						START OPERATION			AM PM	
						FINISH OPERATION			AM PM	
						RELEASED			AM PM	
						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:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

[illegible]

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
<div style="text-align: right;"> <i>Discounted</i> TOTAL <i>5/11/1</i> </div>		9027	05

SERVICE REPRESENTATIVE <i>Kevin L. Smith</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>H. Brock</i>
--	---

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

LITHOLOGY STRIP LOG

WellSight Systems

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

Color Copies

Well Name: Trembley 'A' #2
Well Id:
Location: C SW NW SW Sec. 3-T25S-R8W, Reno County, KS.
License Number: 15-155-21754
Spud Date: 4/26/18
Surface Coordinates: 1650' FSL & 330' FWL, Sec. 3-T25S-R8W
Region: Arlington Twst.
Drilling Completed: 5/2/18

Bottom Hole Same as above
Coordinates:
Ground Elevation (ft): 1626' K.B. Elevation (ft): 1638'
Logged Interval (ft): 2800' To: 3657' Total Depth (ft): 3657'
Formation: Marmaton at Total Depth
Type of Drilling Fluid: Native Mud to 2800'; Chemical Gel 2800' to 3657' TD.

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

OPERATOR

Company: Daystar Petroleum, Inc.
Address: P.O. Box 560
Eureka, KS. 67045-0560

GEOLOGIST

Name: Jon D. Christensen
Company: Consulting Petroleum Geologist
Address: 277 S. Maple Dunes Court
Wichita, KS. 67235-7500

Cores

None Taken

DSTs

DST #1(Kansas City Hertha) 3540' - 3567' Test Times 5"-60"-60"-90" IFP Strong Blow BOB/ 1.5 Minutes, 0.5" Blowback that died; FFP Strong Blow BOB/45 Seconds, no Gas to Surface, 0.25" Blowback that died in 16 minutes; REC: 856' Gas in Pipe, 5' Clean Oil, 67' GCMWO(5%G, 35%O, 30%W, 30%M), 124' OCMW(5%O, 75%W, 20%M), Tester listed CI at 25,000 - too low; IFP 60-47#, ISIP 1626#, FFP 103-104#, FSIP 1590#, IHP 1763#, FHP 1690#, BHT 119 Deg. F(NOTE: Pressures taken from Typed Test Report).

Comments

4/26/18 MIRU Fossil Drilling Rig #3, Spud at 4:45 PM.; 4/27/18 TD. 314' - WOC; 4/28/18 Drilling at 1290'; 4/29/18 Drilling at 2200'; 4/30/18 Drilling at 2920'; 5/1/18 Drilling at 3485'; 5/2/18 Drilling at 3650' - RTD. 3657' at 7:15 AM.; 5/3/18 RTD. 3657', LTD. 3658' - Rigging Down, Production Casing set.

Set new 8 5/8" Surface Casing at 310' with 460 sacks of Cement(Copeland Cementing Co.). Cement did Circulate. Had to 1" to get cement to base of Cellar. PD. 7:00 AM. 4/27/18.

Set new 4 1/2"(10.5#) Production Casing at 3652' with 175 sacks Cement(Basic Energy Services). PD. at 3:00 AM. 5/3/18.

Surveys: 0.75 Deg. at 314'(Surface Casing), 1.0 Deg. at 1006'(Wireline); 0.50 Deg. at 1512'; 0.75 Deg. at 2019'; 1.0 Deg. at 2527'; 0.50 Deg. at 3003'; 0.50 Deg. at 3567'(DST #1 - drop).


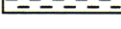
After review of the ELI log, DST #1, structural position and positive indications of commercial quantities of hydrocarbons, the operator elected to set new 4 1/2" Production Casing for completion in the Kansas City Hertha Section.

NOTE: Prior to abandonment of the Trembley A #2, the "second bench" of the K.C. Hertha from 3574' - 3577'(log Depths) should be considered for perforating and testing. Oil shows were present in the samples with a fair drilling break noted.

LOG TOPS: Heebner Shale 3016(-1378), Toronto 3035(-1397), Brown Lmst. 3204(-1566), K.C. Dennis 3462(-1824), Stark Shale 3503(-1865), Swope 3511(-1873), Hush. Shale 3542(-1904), Hertha 3552(-1914), Base KC. 3602(-1964). LTD. 3658'.

NOTE: The ELI Gamma Ray file could not be imported onto this log.

ROCK TYPES

	Anhy		Coal		Lmst		Shcol
	Bent		Congl		Meta		Shgy
	Brec		Dol		Mrlst		Sltst
	Cht		Gyp		Salt		Ss
	Clyst		Igne		Shale		Till

ACCESSORIES

MINERAL

Anhy

Arggrn

Arg

Bent

Bit

Brecfrag

Calc

Carb

Chtdk

Chtlt

Dol

Feldspar

Ferrpel

Ferr

Glau

Gyp

Hvymin

Kaol

Marl

Minxl

Nodule

Phos

Pyr

Salt

Sandy

Silt

Sil

Sulphur

Tuff

FOSSIL

Algae

Amph

Belm

Bioclst

Brach

Bryozoa

Cephal

Coral

Crin

Echin

Fish

Foram

Fossil

Gastro

Oolite

Ostra

Pelec

Pellet

Pisolite

Plant

Strom

STRINGER

Anhy

Arg

Bent

Coal

Dol

Gyp

Ls

Mrst

Sltstrg

Ssstrg

TEXTURE

Boundst

Chalky

Cryxln

Earthy

Finexln

Grainst

Lithogr

Microxln

Mudst

Packst

Wackest

OTHER SYMBOLS

POROSITY

Earthy

Fenest

Fracture

Inter

Moldic

Organic

Pinpoint

Vuggy

SORTING

Well

Moderate

Poor

ROUNDING

Rounded

Subrnd

Subang

Angular

OIL SHOW

Even

Spotted

Ques

Dead

INTERVAL

Core

Dst

EVENT

Rft

Sidewall

Curve Track 1

ROP (min/ft)

Gamma (API)

Depth

Porosity Type

Lithology

Oil Shows

Geological Descriptions

ROP (min/ft)

Gamma (API)

27

2800

Conn

Vis 75

Wt 8.4

DAYSTAR PETROLEUM, INC.

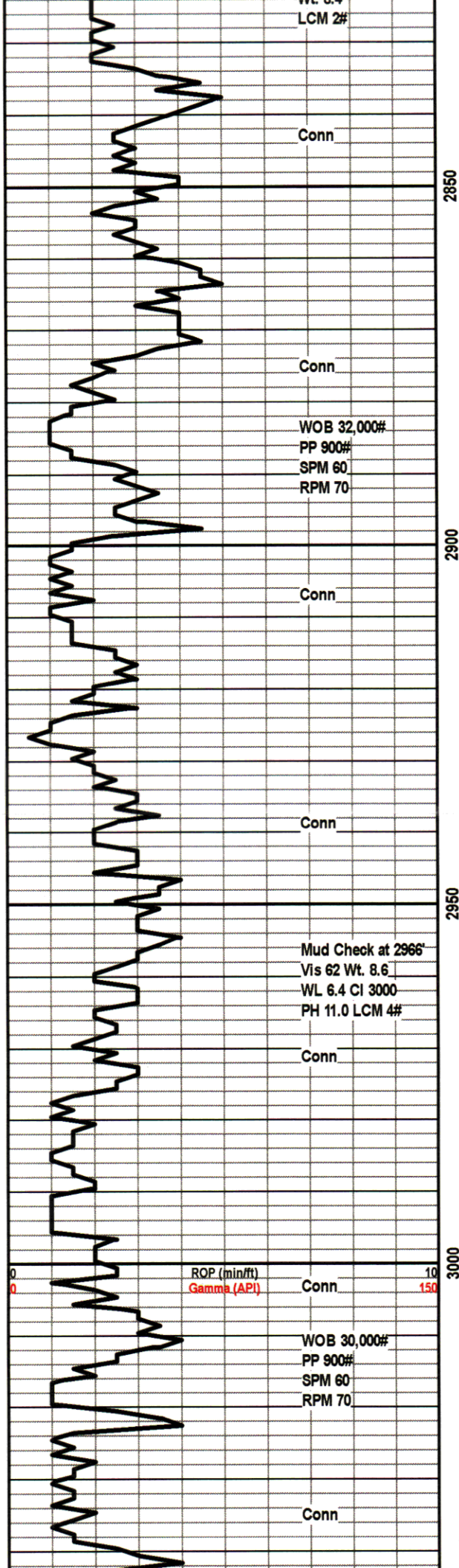
TREMBLEY 'A' #2

GEOLOGICAL REPORT

KB. 1638'

1' Drilling Time Starts at 2800'

DISPLACE MUD SYSTEM AT 2800'



LM; tan to lt brn, foss ip, most dense, trc gy cht, tite

10' Wet and Dry Samples start at 2900'

SH; med gy, platy, rarely silty

7:00 AM. 4/30/18 Drilling at 2920'

LM; lt brn to cream, f to med xln w/occ gd interxln por, scat lt yel min fluor, no stn or odor, ns.

LM; tan to cream, med xln w/cse spar calc xtals, well cem, med yel spotty flour, tite

LM; tan to cream, lt brn, f to med xln, rare gy cht, scat fair interxln por, spotty med yel min fluor, ns.

SH; dk gy, some blk, platy

SH; blk, blocky, scat pyr, trc gas

LM; tan to lt brn, fxln w/scat foss, no vis por, tite

LM; lt to med brn, some gy brn, hd, tite

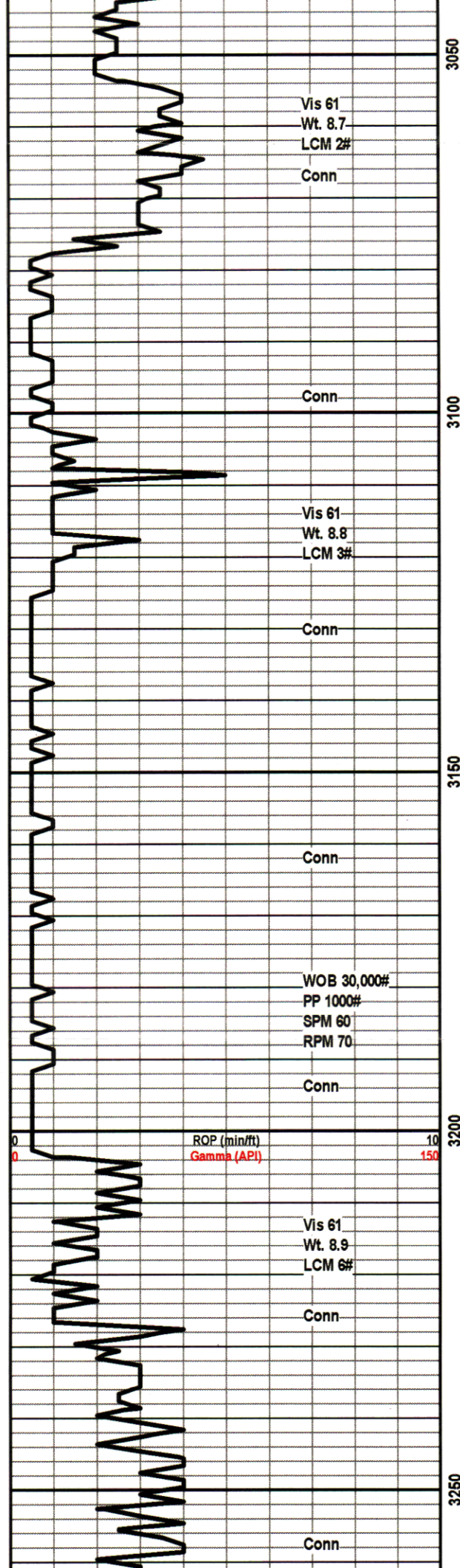
HEEBNER SHALE 3016(-1378) LOG Same

SH; blk, carb ip, blocky - hard

SH; lt gy to gy grn, silty w/interbdd sitst, soft

TORONTO 3036(-1398) LOG 3035(-1397)

LM; off wh, wh, tan, some soft chalk, interbdd dense foss lmst, pyr ip, scat lt yel fluor, no stn or odor, no vis por, ns.



Yel fluor, no stn or odor, no vis por, ns.

LM; tan to buff, lt brn fxln w/scat well cem foss frags, no vis por, no stn or odor, ns.

LM; tan to lt brn, hd, blocky, micritic, tite

SS; lt gy, vf to f gr qtz, clusters, f sorting, fair to gd intergran por, some "salt and pepper" grains, rarely mica, some argil, most clean fri, no fluor, no stn or odor, ns.

SS; lt gy, some clr, most f gr qtz, f to gd sorting, clusters, occ argil at top, bcm cleaner with depth, subrnd - subang gr, calc cmt, most with gd intergran por, no fluor, no stn or odor, ns.

SS; lt gy, rare clr, occ tan to lt brn tint, all f gr qtz, gd intergran por, clusters, fri, clean, ns.

SS; lt gy, some lt brn tint, all f gr qtz, clean, gd intergran por, ns.

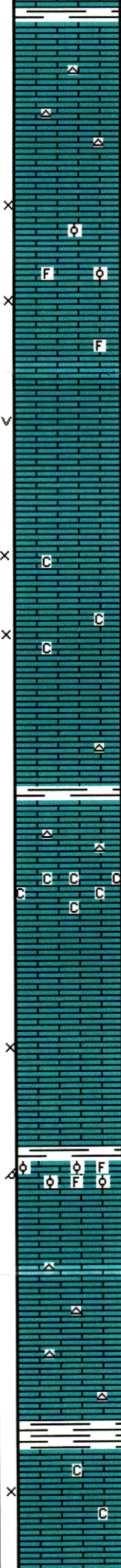
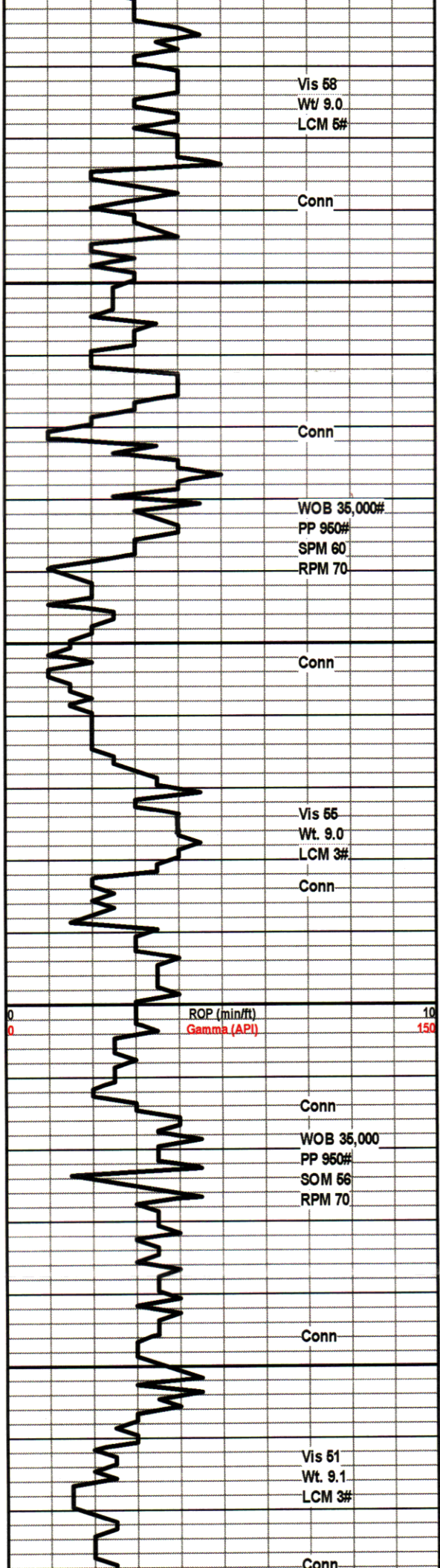
BROWN LIMESTONE 3204(-1566) LOG Same

LM; med to occ dk brn, hd, blocky, no vis por, tite

SH; med gy, rare varic, sandy ip w/interbdd vf to f gr qtz

LM; med brn, rare lt brn, scat foss mat - occ well cem small oolites, dull yel min fluor, no vis por, no fluor, ns.

LM; tan to med brn, fxln, foss ip, dull yel min fluor, no vis por, ns.



LM; lt gy brn to lt gy, fxln, most dense - micritic, rare gy to tan cht, dull yel min fluor, no stn or odor, no vis por, ns.

LM; tan to lt brn, scat abnt foss mat, occ small ooids and foss frags, fair interpart por, no fluor, ns.

LM; tan to cream, foss w/scat small vug por, some med xln lmst, no fluor, ns.

LM; tan to lt brn, fxln to occ gran text, fair to gd interxln por, minor soft chalky mtx, v. dull yel min fluor, no vis stn, no odor, ns.

LM; med to dk brn, hd, blocky, scat med gy cht, tite

SH; dk gy, platy

LM; off wh, tan to buff, very chalky - soft ip, no vis por, ns.

LM; med brn, micritic, blocky, tite

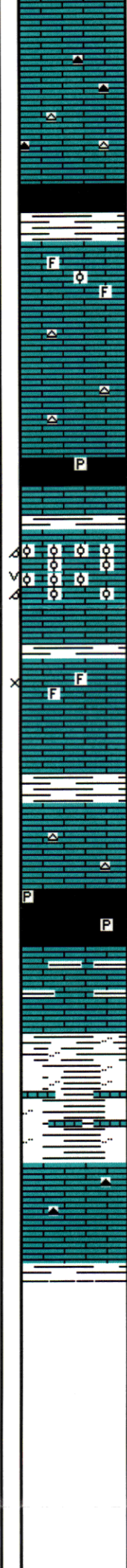
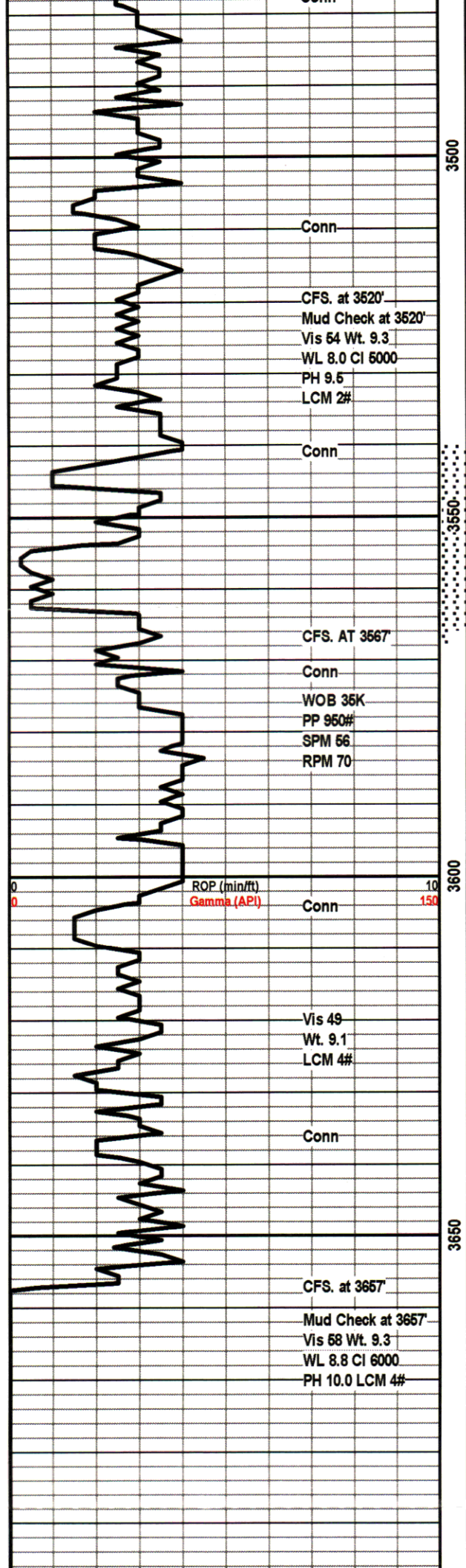
LM; lt brn, med to cse xln, fair vis interxln por, v. dull to no fluor, no stn or odor, ns.

LM; off wh, buff, foss w/scat oolitic lmst, fair oomoldic por, chalky ip, dull yel min fluor, ns.

LM; lt to med brn, micritic, hd, scat dk gy to dk brn cht, tite

K.C. DENNIS 3462(-1824) LOG Same

LM; off wh, tan to cream, fxln, occ sucrosic text, not dolomitic, minor chalky mtx, fair interxln por, dull yel min fluor, no stn or odor, barren, ns.



7:00 AM. 5/1/18 DRILLING AT 3485'

LM; lt to med brn, dense, blocky, scat med gy to dk brn - blk cht, no vis por, no fluor, ns.

STARK SHALE 3504(-1866) LOG Same

SH; blk, hd, carb ip.

SWOPE 3512(-1874) LOG 3511(-1873)

LM ; lt to med brn, foss w/scat well cem foss hash, rare oolites, dull yel fluor, no vis por, ns.

WIPER TRIP 25 STANDS AT 3520'

LM; tan to lt brn, fxln to micritic, hd, no vis por, scat med gy to med brn cht, tite

HUSHPUCKNEY SHALE 3542(-1904) LOG Same

SH; blk, blocky, hd, trc pyr

HERTHA 3551(-1913) LOG 3552(-1914)

LM; tan, off wh, oolitic, small to med size molds, gd oomoldic por, rare small vug por, fairly good oil odor, med to brite yel even fluor, some barren rocks(gas or water), SFO w/trc gassy oil, much spotty to even lt brn oil stn, gd cut

DST #1: 3540' - 3567'(27' ANCHOR)

LM; lt to med brn, rarely foss, fxln, poor to fair interxln/interpart por, spotty med to occ dk brn oil stn, faint to fair odor, lt to med yel fluor, fair cut, VSSFO, some very tite

LM; lt to med brn, most dense - blocky, scat lt gy cht, no vis por, no fluor, no stn or odor, ns.

BASE KANSAS CITY 3604(-1966) LOG 3602(-1964)

SH; blk, platy, pyr ip.

LM; lt to med gy brn, blocky, rarely fxln, hd, some grn argil lmst, no vis por, ns.

SH; lt to med gy, interbdd varic sh w/maroon and red occ silty sh, some nodular red/brn lmst

LM; lt gy, tan, fxln to micritic, trc blk cht, no vis por, no stn or odor, ns.

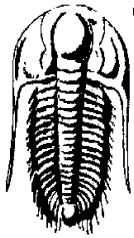
7:00 AM. 5/2/18 DRILLING AT 3650'

RTD. 3657' AT 7:15 AM. 5/2/18

Pull 10 Stand Short Trip, then CFS.

ELI WIRELINE CO. RAG LOG, LTD. 3658' 5/2/18

[illegible]



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc.

3/25S/8W/Reno

522 N Main St
PO Box 560
Eureka, Kansas 67045+0560
ATTN: Jon Christiansen

Trembley A #2

Job Ticket: 63484

DST#: 1

Test Start: 2018.05.01 @ 16:54:00

GENERAL INFORMATION:

Formation: **Kansas City Hertha**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:03:47

Time Test Ended: 00:34:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Pratt/ 70

Interval: **3540.00 ft (KB) To 3567.00 ft (KB) (TVD)**

Reference Elevations: 1638.00 ft (KB)

Total Depth: 3567.00 ft (KB) (TVD)

1627.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6755 Inside

Press@RunDepth: 104.35 psig @ 3563.00 ft (KB)

Capacity: psig

Start Date: 2018.05.01

End Date:

2018.05.02

Last Calib.:

2018.05.02

Start Time: 16:54:01

End Time:

00:34:02

Time On Btm:

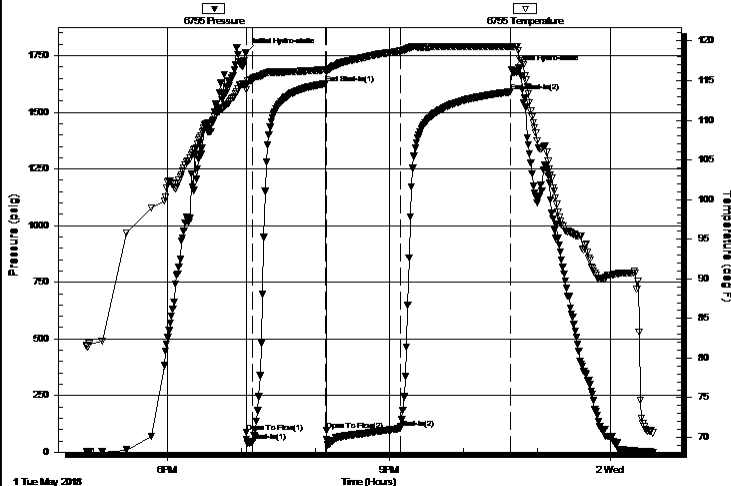
2018.05.01 @ 19:03:32

Time Off Btm:

2018.05.01 @ 22:39:02

TEST COMMENT: I.F. 5 Minutes/ Blow built to BOB in 1 1/2 minutes
I.S.I. 60 Minutes/ Blow back built to 1/2 inch then died off
F.F. 60 Minutes/ Blow built to BOB in 45 seconds
F.S.I. 90 Minutes/ Blow back built to 1/4 inch then died off in 16 minutes

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.91	114.56	Initial Hydro-static
1	86.47	113.85	Open To Flow (1)
6	46.58	115.20	Shut-In(1)
65	1625.98	116.36	End Shut-In(1)
66	94.50	116.10	Open To Flow (2)
126	104.35	118.75	Shut-In(2)
215	1590.09	119.28	End Shut-In(2)
216	1687.86	119.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Oil cut Muddy Water	0.65
0.00	Oil 5% Mud 20% Water 75%	0.00
67.00	Gas cut Muddy Watery Emulsified Oil	0.94
0.00	Gas 5% Mud 30% Water 30% Emuls Oil	30.00
5.00	Clean Oil	0.07
0.00	856 feet of GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc.

3/25S/8W/Reno

522 N Main St
PO Box 560
Eureka, Kansas 67045+0560
ATTN: Jon Christiansen

Trembley A #2

Job Ticket: 63484

DST#: 1

Test Start: 2018.05.01 @ 16:54:00

GENERAL INFORMATION:

Formation: **Kansas City Hertha**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:03:47

Time Test Ended: 00:34:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Pratt/ 70

Interval: **3540.00 ft (KB) To 3567.00 ft (KB) (TVD)**

Reference Elevations: 1638.00 ft (KB)

Total Depth: 3567.00 ft (KB) (TVD)

1627.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6752 Outside

Press@RunDepth: 1590.52 psig @ 3564.00 ft (KB)

Capacity: psig

Start Date: 2018.05.01

End Date:

2018.05.02

Last Calib.:

2018.05.02

Start Time: 16:54:01

End Time:

00:34:02

Time On Btm:

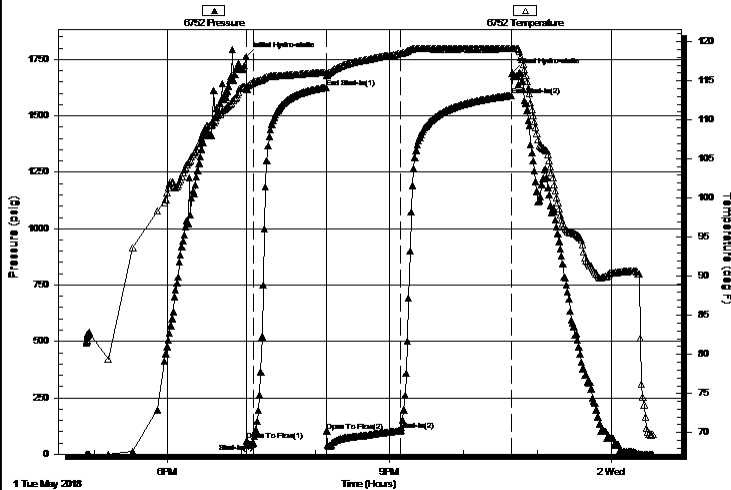
2018.05.01 @ 19:03:32

Time Off Btm:

2018.05.01 @ 22:39:17

TEST COMMENT: I.F. 5 Minutes/ Blow built to BOB in 1 1/2 minutes
I.S.I. 60 Minutes/ Blow back built to 1/2 inch then died off
F.F. 60 Minutes/ Blow built to BOB in 45 seconds
F.S.I. 90 Minutes/ Blow back built to 1/4 inch then died off in 16 minutes

Pressure vs. Time



PRESSURE SUMMARY

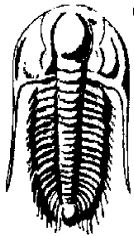
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1763.01	114.20	Initial Hydro-static
1	59.62	113.89	Open To Flow (1)
6	47.18	114.76	Shut-In (1)
65	1626.40	116.08	End Shut-In (1)
66	102.99	115.72	Open To Flow (2)
126	104.39	118.51	Shut-In (2)
215	1590.52	119.09	End Shut-In (2)
216	1690.38	119.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Oil cut Muddy Water	0.65
0.00	Oil 5% Mud 20% Water 75%	0.00
67.00	Gas cut Muddy Watery Emulsified Oil	0.94
0.00	Gas 5% Mud 30% Water 30% Emuls Oil	30.00
5.00	Clean Oil	0.07
0.00	856 feet of GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.

3/25S/8W/Reno

522 N Main St
PO Box 560
Eureka, Kansas 67045+0560
ATTN: Jon Christiansen

Trembley A #2

Job Ticket: 63484

DST#: 1

Test Start: 2018.05.01 @ 16:54:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 25000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	Oil cut Muddy Water	0.646
0.00	Oil 5% Mud 20% Water 75%	0.000
67.00	Gas cut Muddy Watery Emulsified Oil	0.940
0.00	Gas 5% Mud 30% Water 30% Emuls Oil 35%	0.000
5.00	Clean Oil	0.070
0.00	856 feet of GIP	0.000

Total Length: 196.00 ft Total Volume: 1.656 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery Resistivity .280 ohms @ 74 deg.

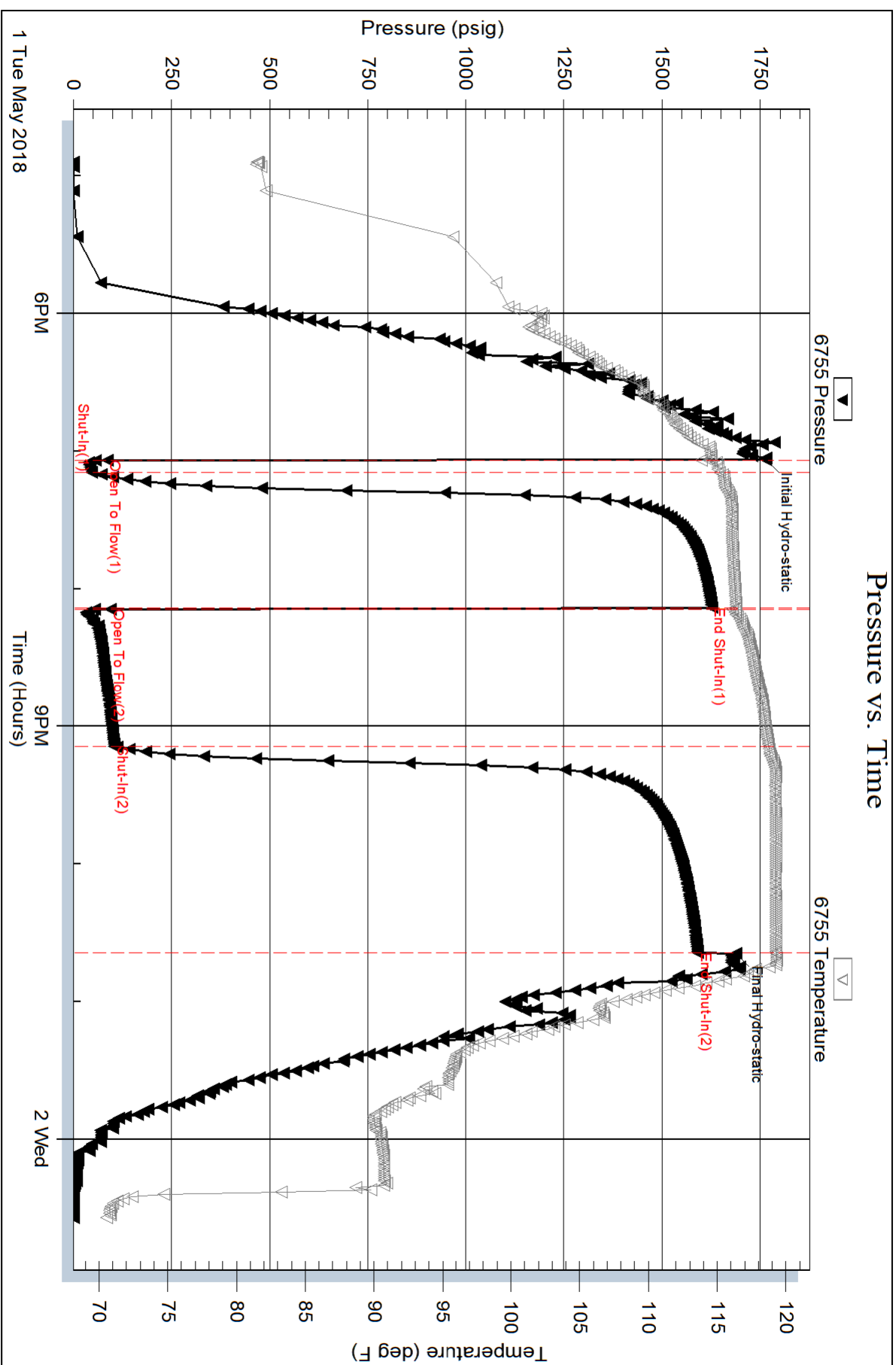
Serial #: 6755

Inside

Daystar Petroleum Inc.

Trembley A #2

DST Test Number: 1



Serial #: 6752

Outside Daystar Petroleum Inc.

Trembley A #2

DST Test Number: 1

