



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1212813
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1212813

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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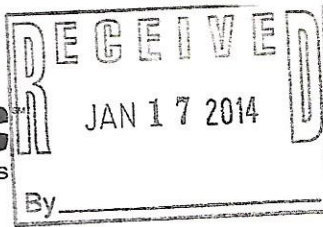
Form	ACO1 - Well Completion
Operator	ARES Energy, LTD
Well Name	Fisher Farms 9-11
Doc ID	1212813

All Electric Logs Run

Dual Induction Log with GR/SP
Compensated Sonic Log with GR/CAL
Dual Compensated Porosity Log with GR/CAL
Microresistivity Log with GR/CAL



BASIC
ENERGY SERVICES



PAGE 1 of 1	CUST NO 1008415	INVOICE DATE 01/13/2014
INVOICE NUMBER 1718 - 91382361		

Pratt (620) 672-1201
 B ARES ENERGY LTD
 I 405 NORTH MARIENFELD
 L MIDLAND
 L TX US 79701
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Fisher Farms 9-11
 O LOCATION
 B COUNTY Stafford
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40680538	27463		Net - 30 days	02/12/2014
For Service Dates: 01/09/2014 to 01/09/2014				
0040680538				
171809635A Cement-New Well Casing/Pi 01/09/2014 Cement 13 3/8 Conductor				
Common Cement	575.00	EA	12.00	6,900.00 T
Celloflake	88.00	EA	2.78	244.20 T
Calcium Chloride	1,623.00	EA	0.79	1,278.11 T
Cement Gel	1,504.00	EA	0.19	282.00 T
"Unit Mileage Chg (PU, cars one way)"	20.00	MI	3.19	63.75
Heavy Equipment Mileage	80.00	MI	5.25	420.00
"Proppant & Bulk Del. Chgs., per ton mil	541.00	EA	1.20	649.20
Depth Charge; 0-500'	1.00	EA	750.00	750.00
Blending & Mixing Service Charge	575.00	BAG	1.05	603.75
"Cement Pumper, Add'l hrs. on Location"	2.00	HR	375.00	750.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25

Company				Ares	
Account #	Property #s		AFE #	Amount	
1160 70	7100 0911		D1301		
Approvals			Total		

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	12,072.26
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	622.36
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	12,694.62
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



RECEIVED
 JAN 17 2014
 By _____
 (620) 672-1201

PAGE 1 of 1	CUST NO 1008415	INVOICE DATE 01/13/2014
INVOICE NUMBER 1718 - 91382366		

Pratt
 B ARES ENERGY LTD
 I 405 NORTH MARIENFELD
 L MIDLAND
 TX US 79701
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Fisher Farms 9-11
 O LOCATION
 B COUNTY Stafford
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40680686	19843		Net - 30 days	02/12/2014

For Service Dates: 01/10/2014 to 01/10/2014

0040680686

171808898A Cement-New Well Casing/Pi 01/10/2014
 Cement 8 5/8 Surface

Description	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Common Cement	350.00	EA	12.00	4,200.00 T
Celloflake	88.00	EA	2.78	244.20 T
Calcium Chloride	987.00	EA	0.79	777.26 T
Cement Gel	658.00	EA	0.19	123.38 T
"Wooden Cmt Plug, 8 5/8""	1.00	EA	120.00	120.00
"Unit Mileage Chg (PU, cars one way)"	20.00	MI	3.19	63.75
Heavy Equipment Mileage	60.00	MI	5.25	315.00
"Proppant & Bulk Del. Chgs., per ton mil	329.00	EA	1.20	394.80
Depth Charge; 0-500'	1.00	EA	750.00	750.00
Blending & Mixing Service Charge	350.00	BAG	1.05	367.50
Plug Container Util. Chg.	1.00	EA	187.50	187.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25

Accounts Payable				Ares	
DATE	SIC	GL	PUB	AFF #	Amount
1/10	71	7100	0911	D1301	
Approvals				Total	

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,674.64
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	382.16
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	8,056.80
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



RECEIVED
 JAN 28 2014
 By (620) 672-1201

PAGE 1 of 1	CUST NO 1008415	INVOICE DATE 01/21/2014
INVOICE NUMBER 1718 - 91390165		

Pratt
 B ARES ENERGY LTD
 I 405 NORTH MARIENFELD
 L MIDLAND
 TX US 79701
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Fisher Farms 9-11
O LOCATION
B COUNTY Stafford
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40683392	19843		Net - 30 days	02/20/2014

JOB #	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 01/19/2014 to 01/19/2014</i>				
0040683392				
171809645A Cement-New Well Casing/Pi 01/19/2014				
Cement 5 1/2" Longstring				
AA2 Cement	175.00	EA	12.75	2,231.24 T
60/40 POZ	50.00	EA	9.00	450.00 T
C-41P	42.00	EA	3.00	126.00 T
Salt	883.00	EA	0.38	331.13 T
Cement Friction Reducer	83.00	EA	4.50	373.50 T
Mud Flush	500.00	EA	0.65	322.50 T
Gilsonite	878.00	EA	0.50	441.20 T
"Latch Down Plug & Baffle, 5 1/2" (Blue)	1.00	EA	300.00	300.00
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	270.00	270.00
"Turbolizer, 5 1/2" (Blue)"	8.00	EA	82.50	660.00
"5 1/2" Basket (Blue)"	1.00	EA	217.50	217.50
"Unit Mileage Chg (PU, cars one way)"	20.00	MI	3.19	63.75
Heavy Equipment Mileage	40.00	MI	5.25	210.00
"Proppant & Bulk Del. Chgs., per ton mil	212.00	EA	1.20	254.40
Depth Charge; 4001'-5000'	1.00	EA	1,890.00	1,890.00
Blending & Mixing Service Charge	225.00	BAG	1.05	236.25
Plug Container Util. Chg.	1.00	EA	187.50	187.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25

160 70 7100 0911 121301

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:		
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	SUB TOTAL	8,696.22
PO BOX 841903	801 CHERRY ST, STE 2100	TAX	305.70
DALLAS, TX 75284-1903	FORT WORTH, TX 76102	INVOICE TOTAL	9,001.92

JUSTIN D. CARTER

CONSULTING GEOLOGIST

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

Well Name: FISHER FARMS 9-11
Location: NE, SW, NE, SW Sec. 9 - 25S - 13W Stafford Co., KS
License Number: 15-185-23819-0000
Spud Date: 01/06/14
Surface Coordinates: 1722' FSL, 1972' FWL
Region: Priess Southwest
Drilling Completed:

Bottom Hole
Coordinates:
Ground Elevation (ft): 1941' K.B. Elevation (ft): 1949'
Logged Interval (ft): 3300' To: Total Depth (ft):
Formation:
Type of Drilling Fluid: Chemical Mud

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

OPERATOR

Company: ARES Energy, LTD
Address: 405 N. Marienfeld, Suite 250
Midland, TX 79701
Co. Rep: Mr. Henry Clanton

GEOLOGIST

Name: Justin D. Carter
Company: Consulting Geologist
Address: 1640 N. Roosevelt Ave.
Liberal, KS 67901
Home: 620-624-5876, Cell: 620-655-1187

Comments

Drilling Contractor: Fossil Drilling Rig #2
Tool Pusher: Leroy Burgess

13 3/8" conductor casing set at 150'
8 5/8" surface casing set at 360'

Mud: MudCo
Engineer: Jason Whiting

Gas Detector: Earth Tech OGL, Inc.

DSTs:
Tester:

Open-Hole Loggers: Pioneer Wireline Services



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ares Energy, LTD
 405 N. Marienfeld
 Suite 250
 Midland, TX 79701
 ATTN: Justin Carter

9-23S-13W Stafford, Ks.
Fisher Farms #9-11
 Job Ticket: 51867 **DST#: 1**
 Test Start: 2014.01.15 @ 19:26:16

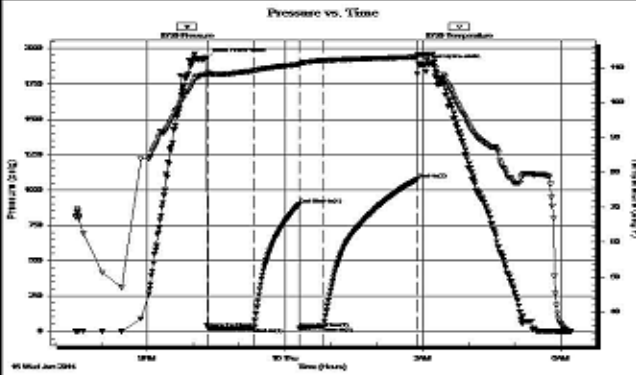
GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:20:01
 Time Test Ended: 06:13:31
 Interval: **4010.00 ft (KB) To 4082.00 ft (KB) (TVD)**
 Total Depth: 4082.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 48
 Reference Elevations: 1949.00 ft (KB)
 1941.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8790

Press@RunDepth: 23.69 psig @ ft (KB)
 Start Date: 2014.01.15 End Date: 2014.01.16
 Start Time: 19:26:21 End Time: 06:13:31
 Capacity: 8000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm: 2014.01.15 @ 22:17:01
 Time Off Btm: 2014.01.16 @ 02:59:01

TEST COMMENT: Strong blow throughout initial flow period. Gas to surface 30 minutes into initial flow period.
 No blow back during initial shut-in period.
 Strong blow throughout final flow period.
 No blow back during final shut-in period.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.85	107.96	Initial Hydro-static
3	20.26	108.35	Open To Flow (1)
63	23.69	109.08	Shut-In(1)
122	895.35	110.84	End Shut-In(1)
123	18.54	110.83	Open To Flow (2)
154	32.10	112.01	Shut-In(2)
276	1073.77	112.99	Shut-In(3)
282	1882.33	113.72	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
50.00	Gassy Mud 11% G 89% M	0.25

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (m ³ /D)
First Gas Rate	0.13	2.00	-
Last Gas Rate	0.13	2.00	-
Max. Gas Rate	0.13	2.00	-

Trilobite Testing, Inc

Ref. No: 51867

Printed: 2014.01.16 @ 07:07:33

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol

- Shgy
- Slstt
- Ss
- Till
- Carb sh
- Dol
- Dtd
- Gry sh

- Sandylms
- Shale
- Slststn
- Shlyslts
- Sltysh
- Lms

ACCESSORIES

FOSSIL

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

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sltly

- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

INTERVALS

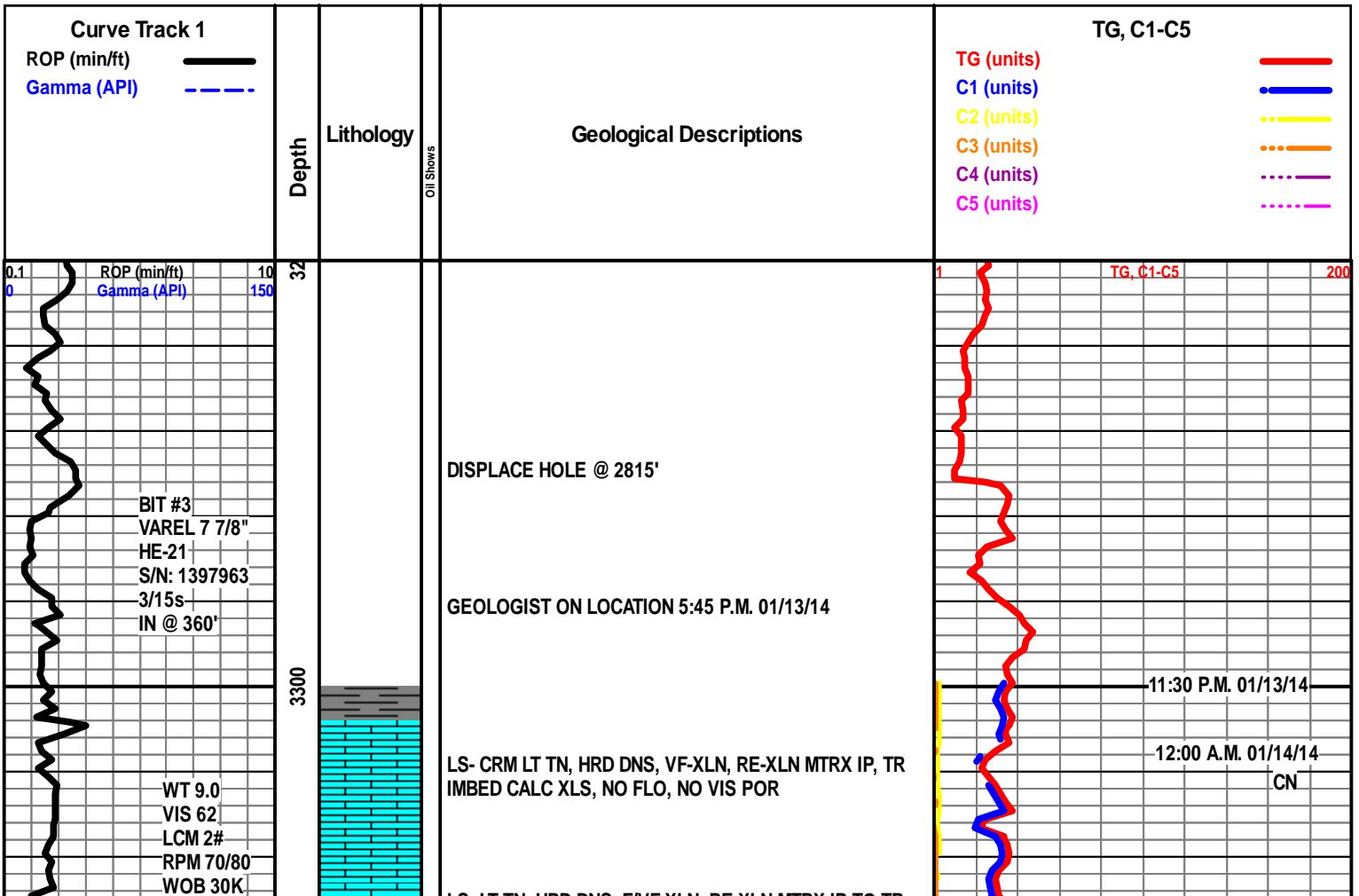
- Core
- Dst

- Dst

OIL SHOWS

- Even
- Spotted

- Ques
- Dead
- Gas show



PP 1000
SPM 52

LS- LI TN, HRD DNS, F/VF-XLN, RE-XLN MTRX IP TO TR
SUB-SUCRO MTRX, IMBED FOSS FRAGS IP (CRIN), NO
FLO, PR INTER-FOSS POR IP TO NO VIS POR IP, NS

35 U BG

LS- CRM LT TN, HRD, VF-XLN, SUB-SUCRO MTRX THRU
TO TR RE-XLN MTRX, WHT CHRT IP, NO FLO, TR
INTER-XLN POR TO NO VIS POR IP, NS

CN

LS- CRM, BRITT TO HRD IP, VF-XLN, SUB-SUCRO TO
SUCRO MTRX THRU, IMBED DK GY SH IP, TR IMBED
CALC XLS, SFT WHT CHLK IP, TR WHT CHRT, NO FLO, PR
INTER-XLN POR IP, NS

CN

LS- CRM LT GY, HRD, F/VF-XLN, SUB-SUCRO MTRX THRU,
IMBED FOSS FRAGS IP, TR SFT WHT CHLK, TR
INTER-XLN POR TO NO VIS POR THRU, NS

ROP (min/ft) 10
Gamma (API) 150

LS- TN, HRD DNS, VF-XLN, RE-XLN MTRX THRU, NO FLO,
NO VIS POR

CN

TG, C1-C5 200

LS- TN, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR IMBED
FOSS FRAGS, NO FLO, NO VIS POR

CN

55 U BG

LS- CRM, HRD, VF-XLN, RE-XLN MTRX THRU, IMBED
FOSS FRAGS IP, TR CALC XLS IN CLUSTER, NO FLO, NO
VIS POR

LS- LT CRM, HRD, VF-XLN, RE-XLN MTRX IP, NO FLO, NO
VIS POR, TR BLK RESIDUAL OIL STAIN

CN

LS- LT CRM, HRD, VF-XLN, RE-XLN MTRX IP, TR VUGS, NO
FLO, TR INTER-VUG POR TO NO VIS POR THRU, TR BLK
RESIDUAL OIL STAIN

LS- LT CRM, HRD TO BRITT IP, VF-XLN, SUB-SUCRO MTRX
THRU, IMBED OOL SCAT THRU, TR OOLICASTS, NO FLO,
TR OOMLD POR, NS, TR BLK RESIDUAL OIL STAIN, NO
ODOR, NS

CN

HEEBNER 3511' (-1562')

105 U SHALE GAS

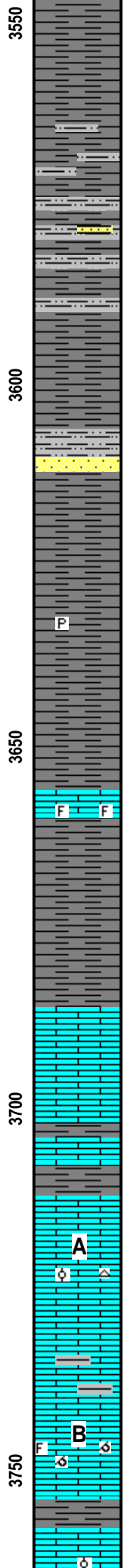
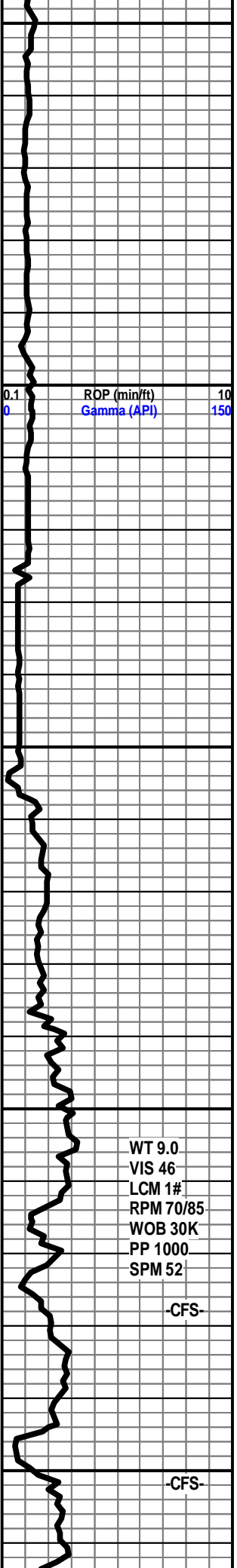
SH- GY, SFT, SLTY, BLKY IP TO GMMY IP

WT 9.1
VIS 47
LCM 2#
RPM 70/80
WOB 30K
PP 1000
SPM 52

LS- LT CRM, HRD, VF-XLN, SUB-SUCRO MTRX IP TO
RE-XLN MTRX IP TO TR SUB-CHLKY, NO FLO, NO VIS
POR

CN

DOUGLAS SH 3544' (-1595')



SH- RD GY, SFT, LMY, GMMY TO TR BLKY

CN

SH- DK GY, SFT, BLKY, LMY, TR SLTST

SLTST- GY, TT, F-GRNS, NO VIS POR, TR LT GY SS

CN

SH- DK GY, SFT, LMY, SLI GMMY, TR SLTST

TG, C1-C5

200

SS- LT GY OFF WHT, TT, F-GRNS, GD SRT, SUB-RND GRNS, CALC CMNT, DISS BLK SH IP, NO FLO, PR INTER-GRN POR SCAT THRU, NS

CN

SH- DK GY, FRM TO SFT, LMY IP TO SLTY IP, BLKY, TR PYR

80 U BG

SH-DK GY, FRM, BLKY, LMY, WXY TEXT

LS- BRN, HRD DNS, VF-XLN, RE-XLN MTRX IP, IMBED BLK FOSS FRAGS IP, NO FLO, NO VIS POR

CN

SH- RD, FRM TO SFT, BLKY, LMY

BROWN LIME 3687' (-1738')

CN

LS- BRN LT GY, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX THRU, TR FINE CALC XLS, NO FLO, NO VIS POR

MUD CHECK @ 3714'
WT 9.0
VIS 46
LCM 1#
PV 14
YP 12
PH 10.5
FIL 7.2
CAL 80
CHL 5,400

L/KC 3713' (-1764')

LS- LT CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO, NO FLO, TR INTER-XLN POR TO POSS FRAC POR, NS

CN

LS- LT CRM BFF, HRD TO BRITT IP, F/VF-XLN, SUB-SUCRO MTRX IP TO RE-XLN MTRX IP TO TR SUB-CHLKY, TR IMBED OOL, TR WHT CHR, TR V/DLL YEL FLO, FAINT SLO BLU STRM CUT, TR INTER-XLN POR TO TR MICRO PP POR, TR BLK RESIDUAL STAIN, NO ODOR

63 U SHOW

LS- BFF, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

LS- LT CRM, HRD TO BRITT IP, F/VF-XLN, SUB-SUCRO MTRX THRU, OOLICASTS IP, IMBED FOSS FRAGS IP, TR V/DLL YEL MIN FLO, PR SLO BLU STRM CUT, PR OOMLD POR IP TO TR INTER-FOSS POR, TN STAIN IN 20%, FAINT ODOR

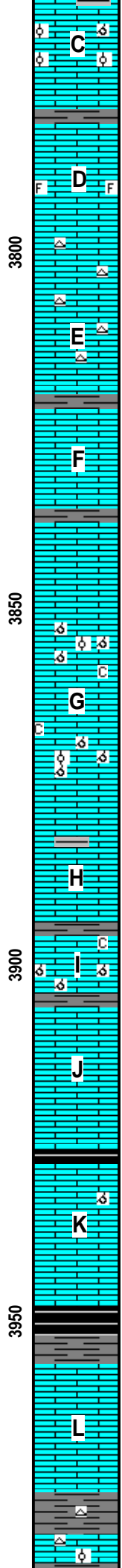
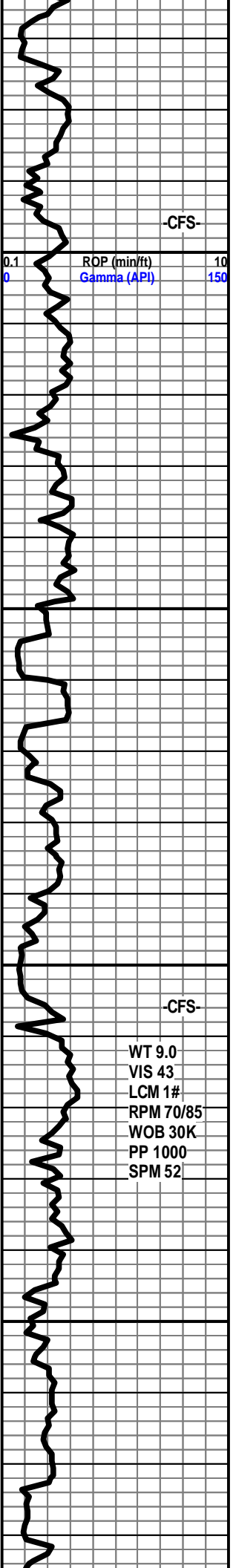
50 U SHOW

CN

WT 9.0
VIS 46
LCM 1#
RPM 70/85
WOB 30K
PP 1000
SPM 52

-CFS-

-CFS-



LS- CRM OFF WHT, BRITT, F-XLN, GRST TO TR SUCRO MTRX, IMBED OOL IP, TR SM OOLICASTS, TR FINE CALC XLS, NO FLO, NO FLO, PR OOMLD POR IP TO TR MICRO PP POR TO TR INTER-OOL POR, NS

LS- LT CRM, HRD TO BRITT IP, F/VF-XLN, SUB-SUCRO TO SUCRO MTRX THRU, IMBED FOSS FRAGS SCAT THRU, TR OPQ CHRT, V/DLL YEL FLO SCAT THRU, NO VIS CUT, TR INTER-FOSS POR TO TR INTER-XLN POR, NO STAIN, NO ODOR

LS- CRM, HRD DNS, VF-XLN, RE-XLN MTRX THRU, TR V/FINE CALC XLS, OPQ CHRT IP, NO FLO, NO VIS POR

LS- CRM, BRITT TO HRD IP, F-XLN, SUCRO MTRX THRU TO TR RE-XLN MTRX, NO FLO, PR INTER-XLN POR SCAT THRU, NS

LS- LT CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP, IMBED OOL IP, NO FLO, NO VIS CUT, NO VIS POR, TR BLK RESIDUAL STAIN, NO ODOR

LS- LT TN, BRITT, VF-XLN, SUB-SUCRO MTRX THRU, OOLICASTS THRU, TR OOL, NO FLO, FR OOMLD POR THRU, NS

LS- LT TN CRM, BRITT TO HRD IP, F/VF-XLN, SUB-SUCRO MTRX THRU TO TR RE-XLN MTRX, OOLICASTS SCAT THRU, TR IMBED OOL, NO FLO, PR OOMLD POR THRU, NS

LS- BFF CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

LS- LT CRM, BRITT TO HRD IP, F/VF-XLN, SUB-SUCRO MTRX THRU, OOLICASTS SCAT THRU, TR IMBED OOL, DLL YEL FLO IN 60%, PR SLO BLU STRM CUT, PR/FR OOMLD POR THRU, NO STAIN, NO ODOR

LS- BFF, HRD DNS, VF-XLN, RE-XLN MTRX THRU, NO FLO, NO VIS POR

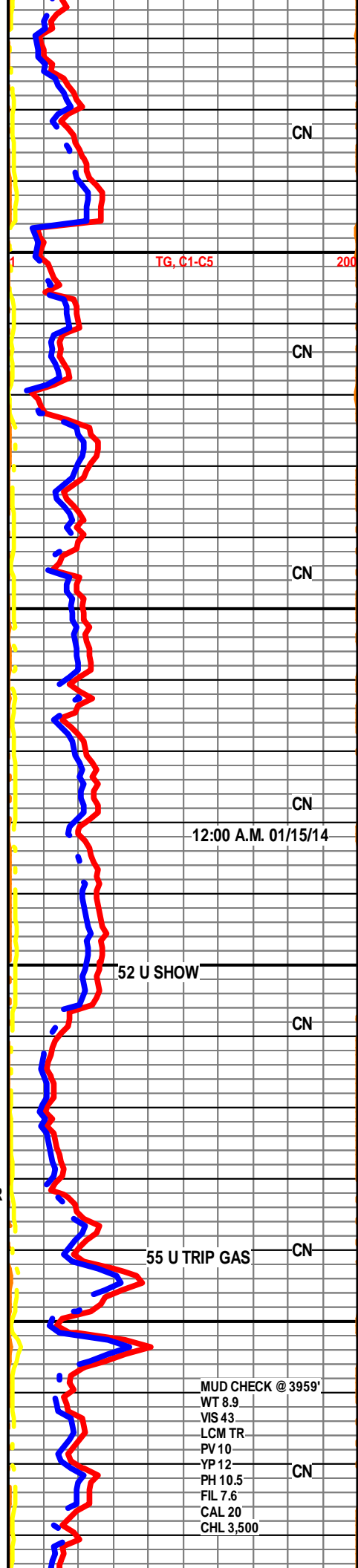
LS- TN BFF, HRD, VF-XLN, SUB-SUCRO MTRX THRU TO TR RE-XLN MTRX, TR OOLICASTS, TR DLL YEL FLO, NO VIS CUT, TR OOMLD POR TO TR INTER-XLN POR, NS

T.O.H. @ 3944' FOR PLUGGED BIT & PUMP ROD

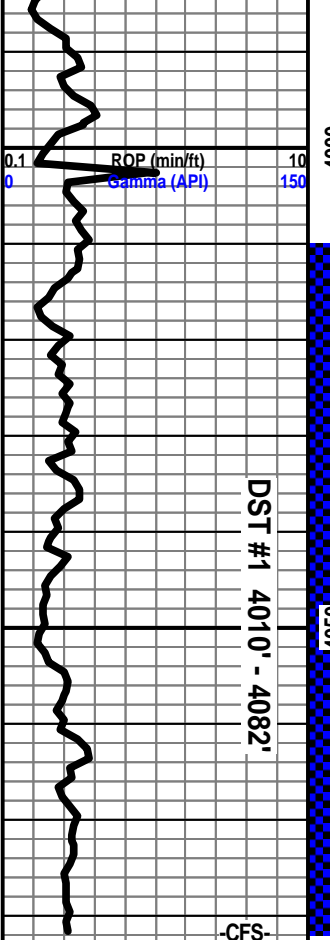
LS- CRM BRN, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR FINE CALC XLS, NO FLO, NO VIS POR

BKC 3973' (-2024')

LS- BFF CRM, HRD, VF-XLN, RE-XLN MTRX IP TO SUB-SUCRO MTRX IP, IMBED OOL IP, NO FLO, NO VIS



MUD CHECK @ 3959'
 WT 8.9
 VIS 43
 LCM TR
 PV 10
 YP 12
 PH 10.5
 FIL 7.6
 CAL 20
 CHL 3,500



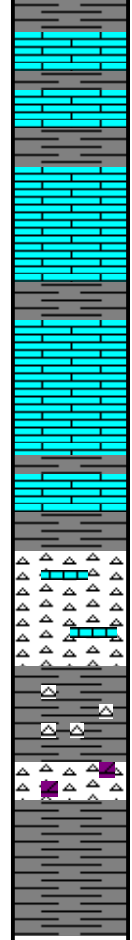
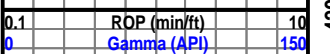
DST #1 4010' - 4082'

-CFS-

4100

4150

4200



SUB-SUCRO MTRX IP, IMBED OOL IP, NO FLO, NO VIS POR

LS- LT BRN, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

LS- LT GY, HRD DNS, VF-XLN, SUB-SUCRO MTRX THRU TO TR RE-XLN MTRX, DLL YEL FLO THRU, FAINT BLU STRM CUT, TR INTER-XLN POR TO NO VIS POR THRU, SCAT BLK/DK BRN STAIN, NO ODOR

LS- LT GRN CRM, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR DLL YEL FLO, PR SLO BLU STRM CUT, NO VIS POR, SCAT DK TN STAIN, FAINT ODOR

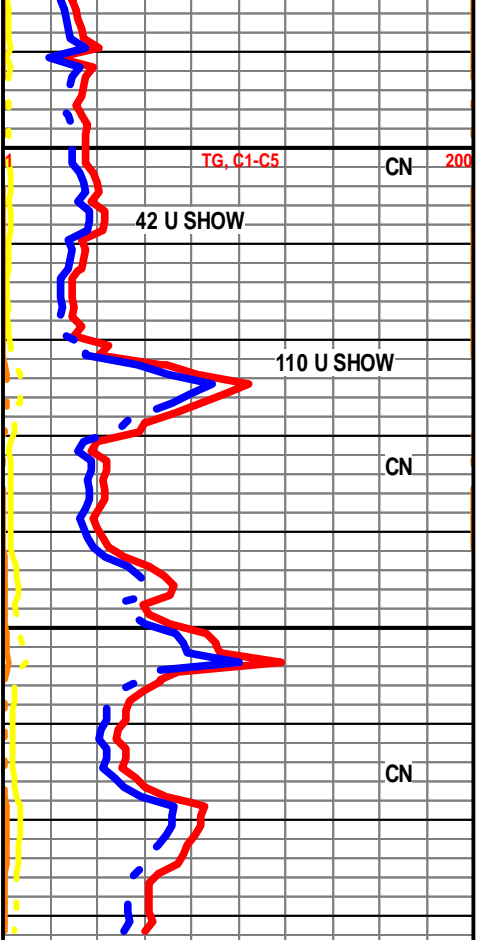
MISSISSIPPIAN 4043' (-2094')

CHRT- YEL OPQ, HRD DNS, TR LAM GY SH, BRIT YEL GLD FLO IN 70%, PR FLUSH TO FR SLO BLU STRM CUT, POSS FRAC POR, BLK/BRN STAIN IP, FAINT ODOR

LS- BRN TN, HRD, F-XLN, SUCRO MTRX THRU, SLI DOLOMITZ IP, BRIT YEL GLD FLO, PR FLUSH TO FR SLO BLU STRM CUT, PR INTER-XLN POR THRU, TN STAIN THRU, FAINT ODOR

DOLO- BRN, HRD, F-XLN, SUCRO MTRX THRU, DLL YEL GLD FLO TO BRIT YEL GLD WHEN CUT, OPQ WHT CHRT THRU, FR FLUSH TO GD SLO BLU CUT, PR INTER-XLN POR THRU, BRN STAIN THRU, NO ODOR, FREE OIL

SH- RD GRN GY, FRM, SLTY TO TR LMY, BLKY, GMMY IP



TG, C1-C5

CN 200

42 U SHOW

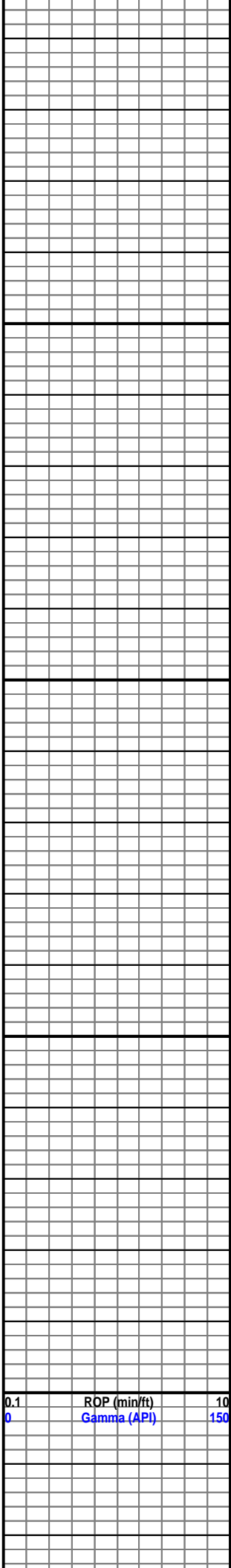
110 U SHOW

CN

CN

TG, C1-C5

200



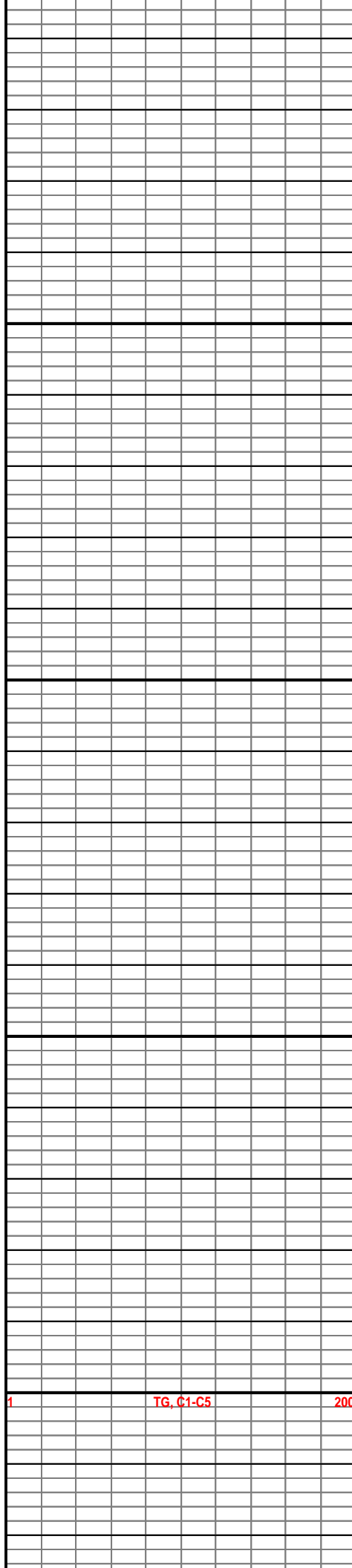
4250

4300

4350

4400

0.1 ROP (min/ft) 10
0 Gamma (API) 150



1 TG, C1-C5 200



DRILL STEM TEST REPORT

Prepared For: **Ares Energy, LTD**

405 N. Marienfeld
Suite 250
Midland, TX 79701

ATTN: Justin Carter

Fisher Farms #9-11

9-23S-13W Stafford, Ks.

Start Date: 2014.01.16 @ 17:07:16

End Date: 2014.01.17 @ 03:19:39

Job Ticket #: 51868 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.01.17 @ 02:57:09



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ares Energy, LTD
 405 N. Marienfeld
 Suite 250
 Midland, TX 79701
 ATTN: Justin Carter

9-23S-13W Stafford, Ks.

Fisher Farms #9-11

Job Ticket: 51868 **DST#: 2**
 Test Start: 2014.01.16 @ 17:07:16

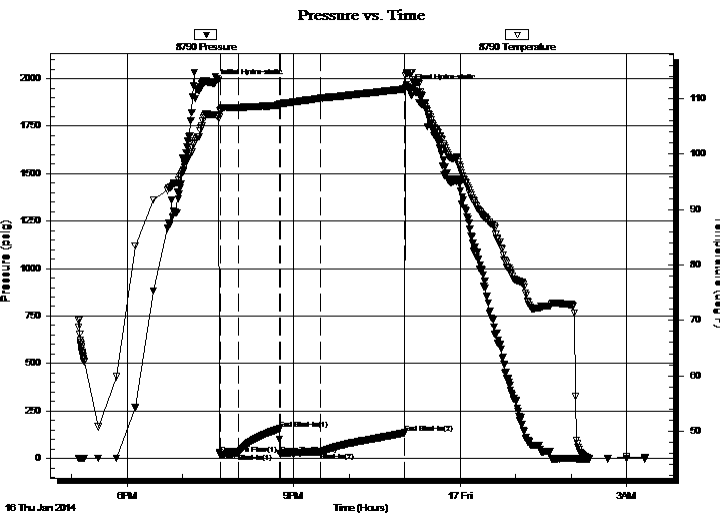
GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:40:24
 Time Test Ended: 03:19:39
 Interval: **4138.00 ft (KB) To 4167.00 ft (KB) (TVD)**
 Total Depth: 4167.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 48
 Reference Elevations: 1949.00 ft (KB)
 1941.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8790

Press @ RunDepth: 33.45 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.16 End Date: 2014.01.17 Last Calib.: 1899.12.30
 Start Time: 17:07:21 End Time: 03:19:39 Time On Btm: 2014.01.16 @ 19:34:09
 Time Off Btm: 2014.01.16 @ 23:04:09

TEST COMMENT: Weak blow building to strong blow 5 minutes into initial flow period.
 Weak blow building to strong blow 15 minutes into final flow period.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1975.27	107.16	Initial Hydro-static
7	19.42	107.75	Open To Flow (1)
26	25.66	108.38	Shut-In(1)
71	155.85	108.86	End Shut-In(1)
71	21.75	109.07	Open To Flow (2)
116	33.45	110.09	Shut-In(2)
206	134.84	111.77	End Shut-In(2)
210	1945.38	114.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	Gas In Pipe 100% G	3.68
40.00	Heavy Oil cut Mud 29% O 71% M	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy, LTD

9-23S-13W Stafford, Ks.

405 N. Marienfeld
Suite 250

Fisher Farms #9-11

Midland, TX 79701

Job Ticket: 51868

DST#: 2

ATTN: Justin Carter

Test Start: 2014.01.16 @ 17:07:16

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: 38.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
360.00	Gas In Pipe 100% G	3.683
40.00	Heavy Oil cut Mud 29% O 71% M	0.561

Total Length: 400.00 ft Total Volume: 4.244 bbl

Num Fluid Samples: 0

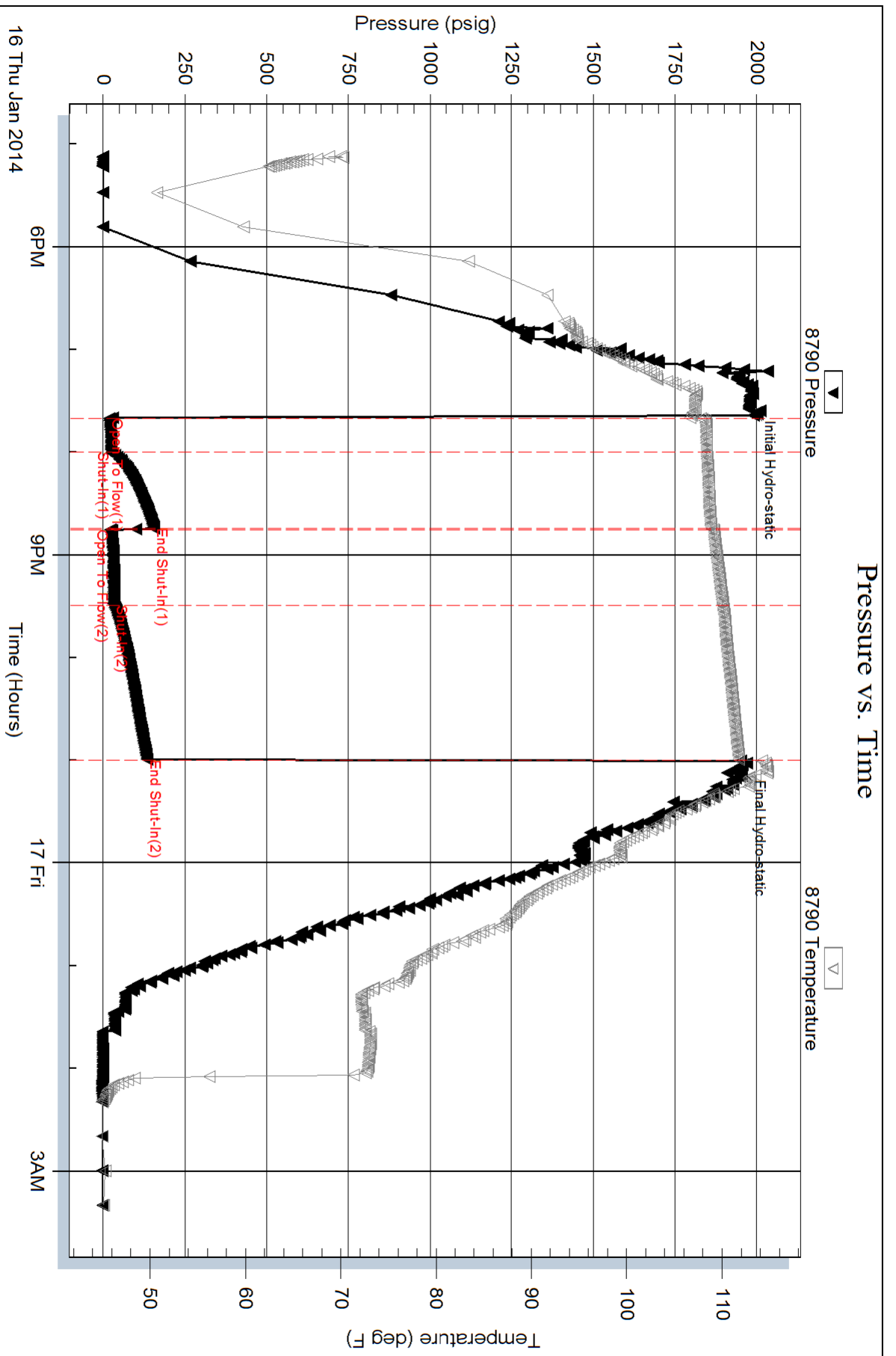
Num Gas Bombs: 0

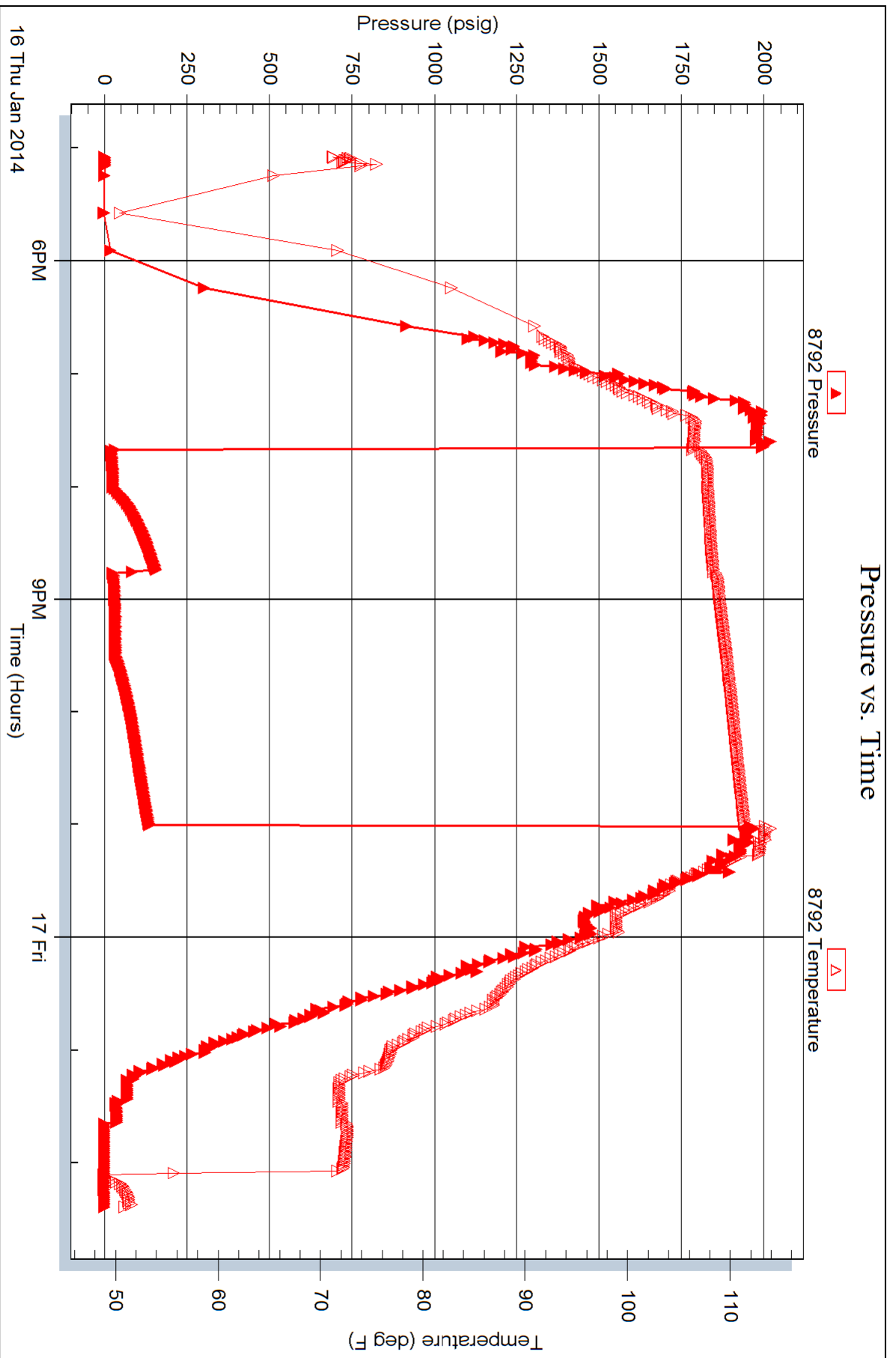
Serial #:

Laboratory Name:

Laboratory Location:

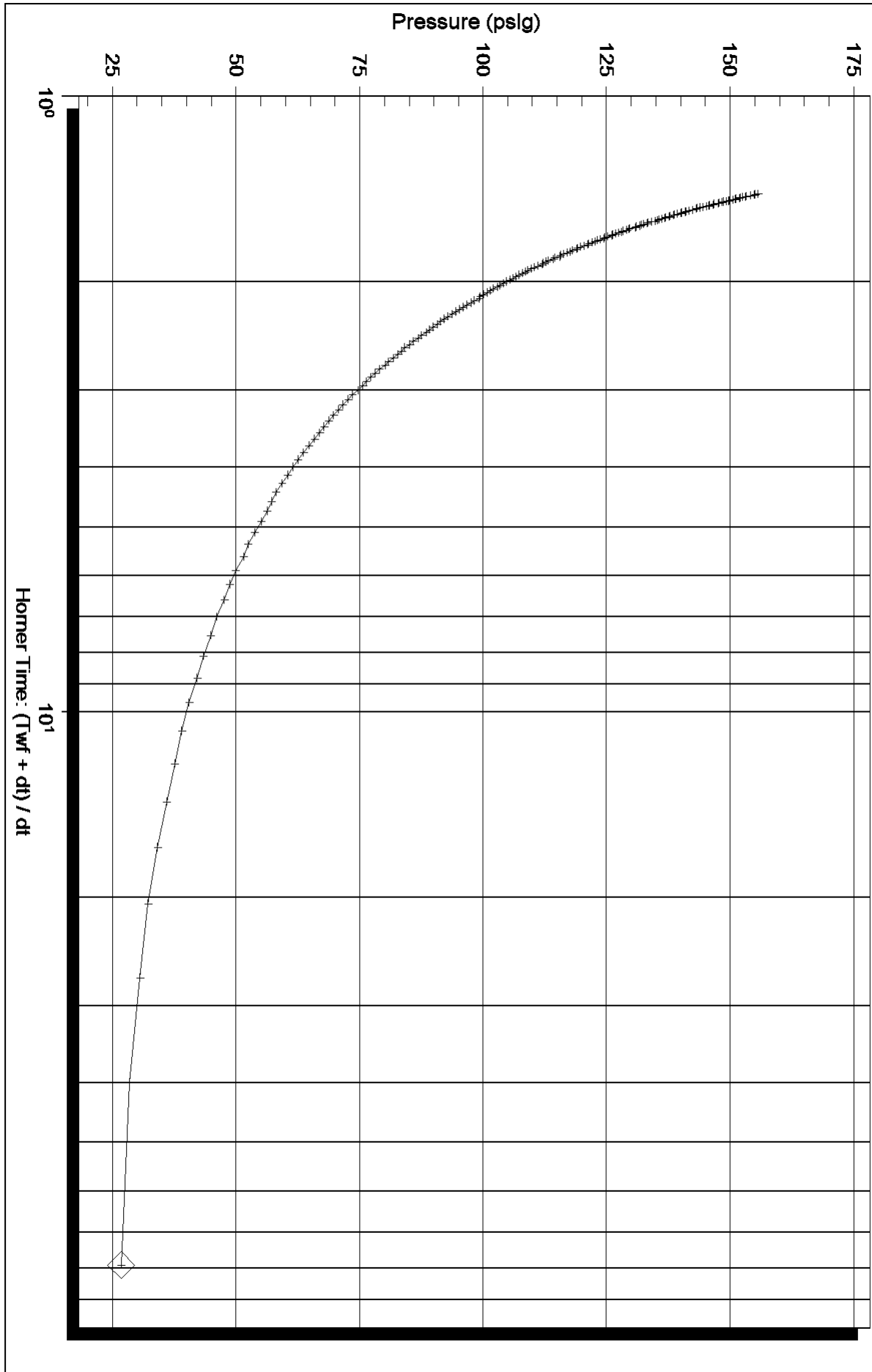
Recovery Comments:





Horner Plot

Horner Pressure +



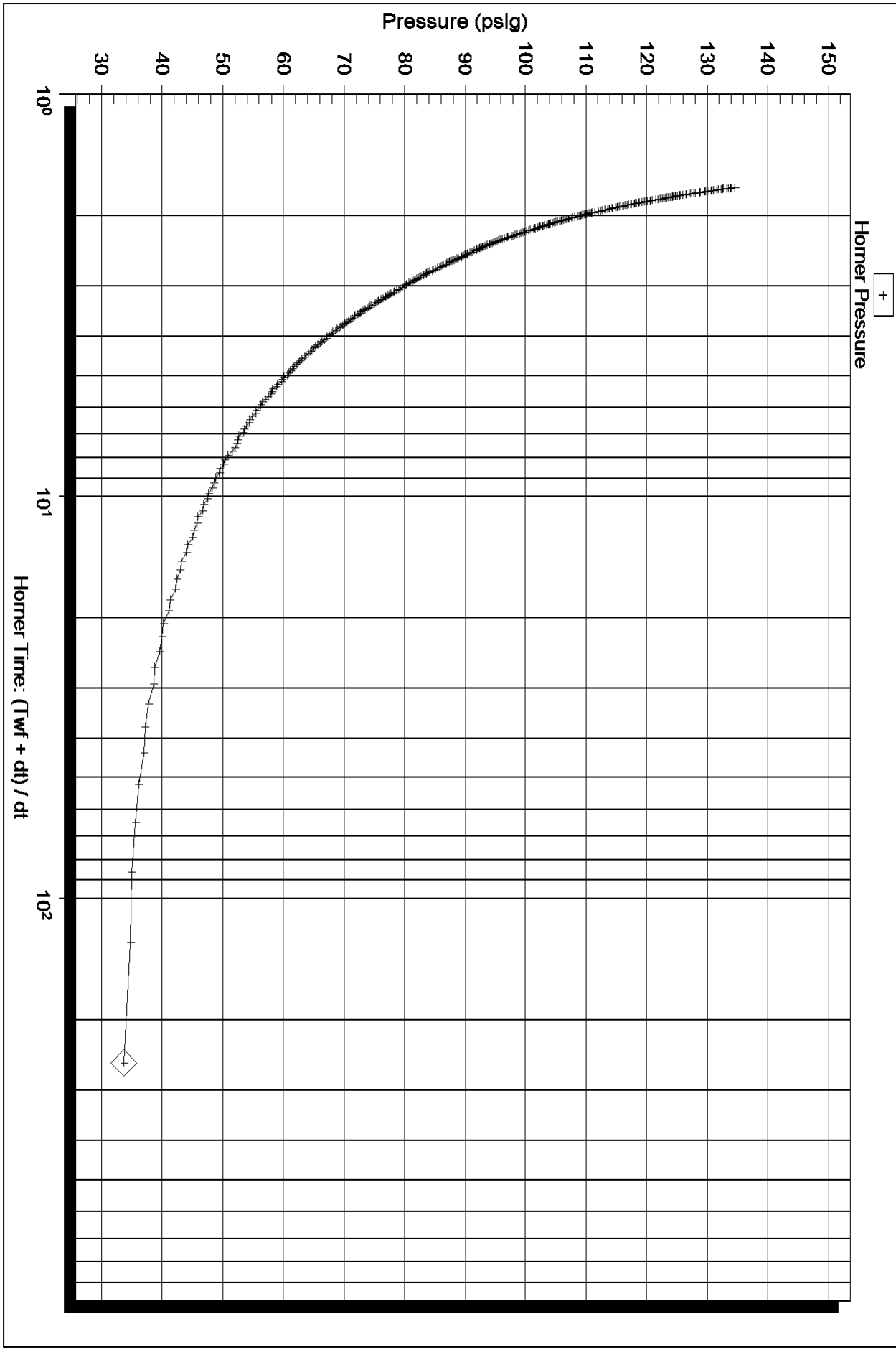
Serial Number: 8790 ()

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot



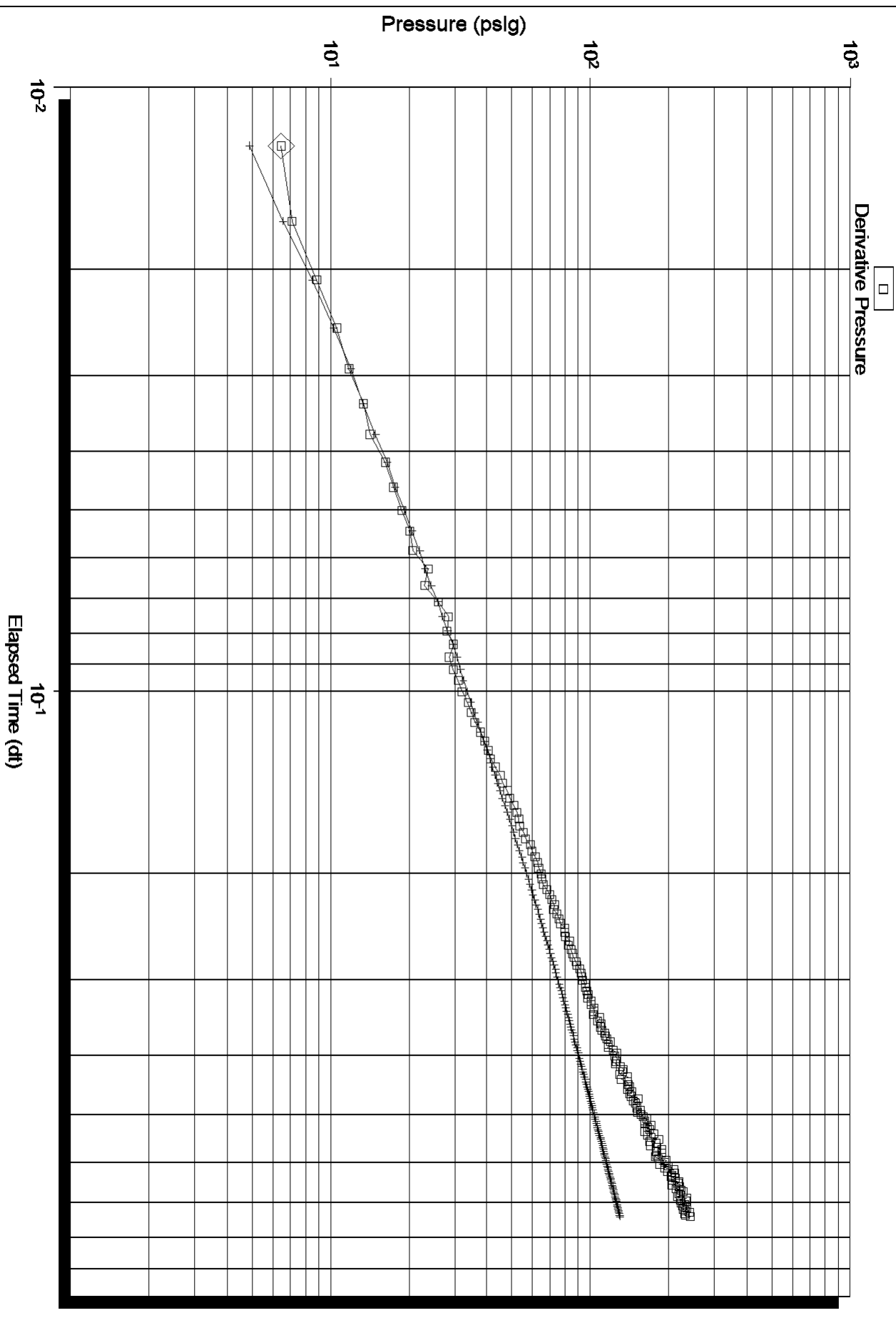
Serial Number: 8790 ()

P* :

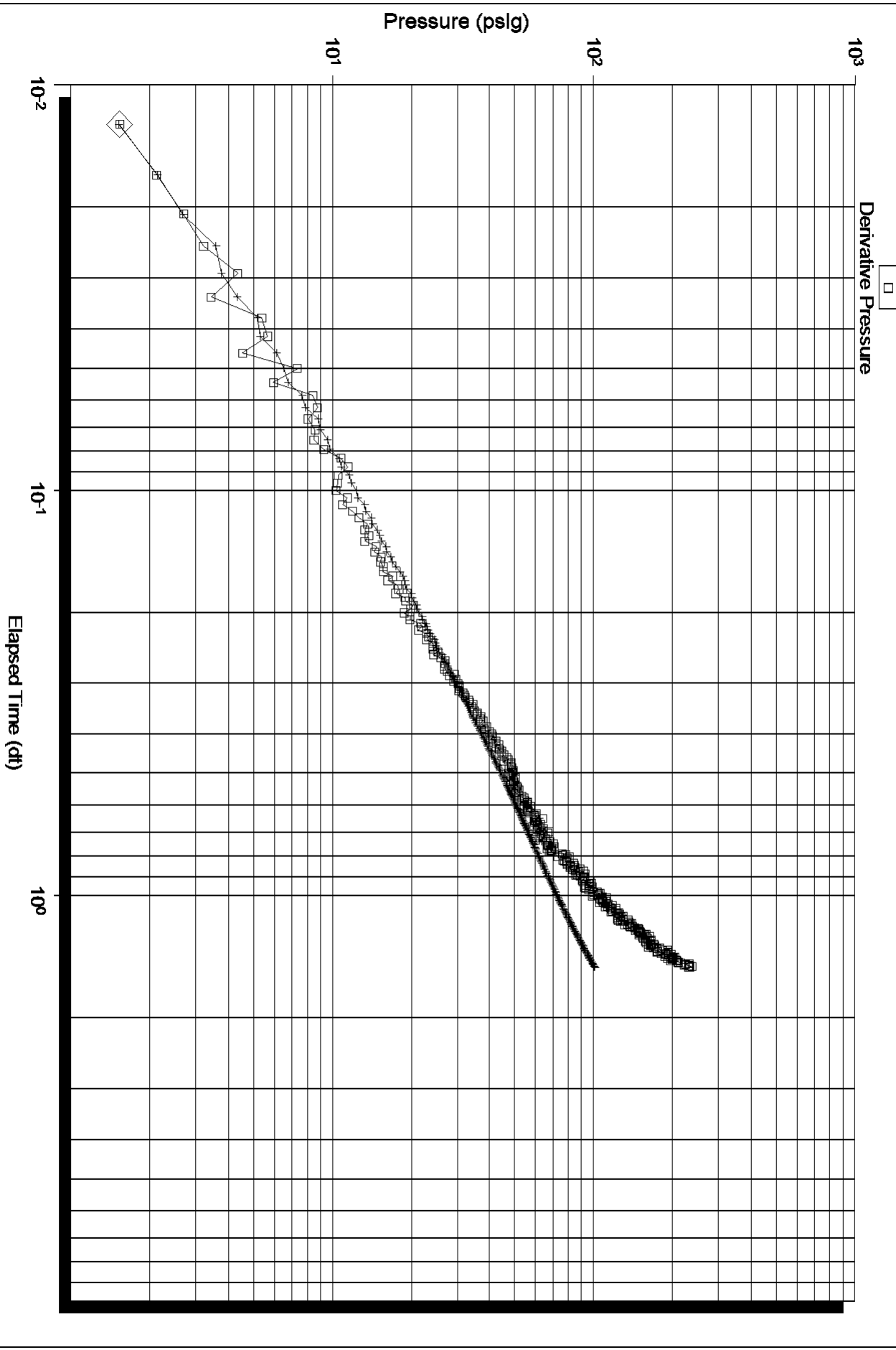
Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative



Serial Number: 8790 ()

Flow Cycle: 2



DRILL STEM TEST REPORT

Prepared For: **Ares Energy, LTD**

405 N. Marienfeld
Suite 250
Midland, TX 79701

ATTN: Justin Carter

Fisher Farms #9-11

9-23S-13W Stafford, Ks.

Start Date: 2014.01.17 @ 16:35:08

End Date: 2014.01.18 @ 01:41:38

Job Ticket #: 51869 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.01.18 @ 02:50:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ares Energy, LTD
 405 N. Marienfeld
 Suite 250
 Midland, TX 79701
 ATTN: Justin Carter

9-23S-13W Stafford, Ks.

Fisher Farms #9-11

Job Ticket: 51869

DST#: 3

Test Start: 2014.01.17 @ 16:35:08

GENERAL INFORMATION:

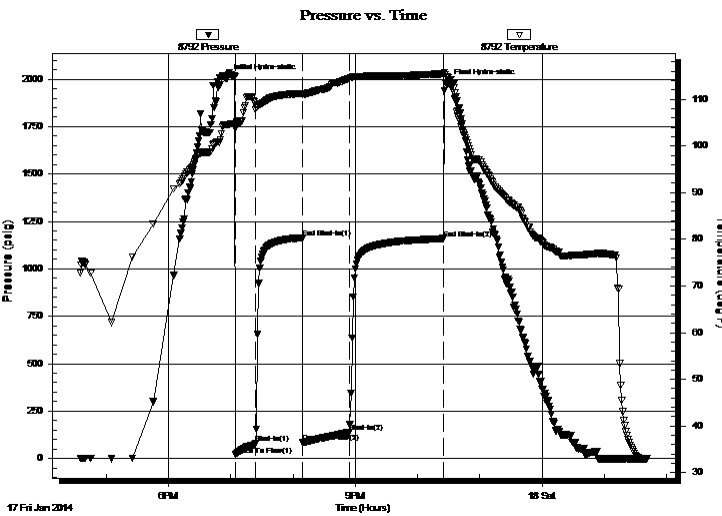
Formation: **Simpson Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:04:38
 Time Test Ended: 01:41:38
 Interval: **4216.00 ft (KB) To 4280.00 ft (KB) (TVD)**
 Total Depth: 4280.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 48
 Reference Elevations: 1949.00 ft (KB)
 1941.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8792

Outside

Press @ Run Depth: 139.03 psig @ 4240.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.17 End Date: 2014.01.18 Last Calib.: 1899.12.30
 Start Time: 16:35:13 End Time: 01:41:38 Time On Btm: 2014.01.17 @ 18:56:38
 Time Off Btm: 2014.01.17 @ 22:28:38

TEST COMMENT: Weak surface blow dying to no blow tow ards end of initial flow period.
 Weak surface blow throughout final flow period.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2003.70	104.49	Initial Hydro-static
8	19.47	103.72	Open To Flow (1)
28	78.50	107.84	Shut-In(1)
72	1164.20	111.23	End Shut-In(1)
73	83.44	110.95	Open To Flow (2)
118	139.03	114.43	Shut-In(2)
209	1160.12	115.44	End Shut-In(2)
212	1977.08	114.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Gas in pipe 100% G	1.44
20.00	Clean oil 100% O	0.28
80.00	Heavy oil cut mud 25% O 75% M	1.12
185.00	O & Heavy W cut M 8% O 26% W & 66%	2.60

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ares Energy, LTD

9-23S-13W Stafford, Ks.

405 N. Marienfeld
Suite 250
Midland, TX 79701
ATTN: Justin Carter

Fisher Farms #9-11

Job Ticket: 51869

DST#: 3

Test Start: 2014.01.17 @ 16:35:08

GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:04:38

Time Test Ended: 01:41:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 48

Interval: **4216.00 ft (KB) To 4280.00 ft (KB) (TVD)**

Reference Elevations: 1949.00 ft (KB)

Total Depth: 4280.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: **8790**

Inside

Press @ Run Depth: psig @ 4240.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.17

End Date:

2014.01.18

Last Calib.:

1899.12.30

Start Time: 16:39:21

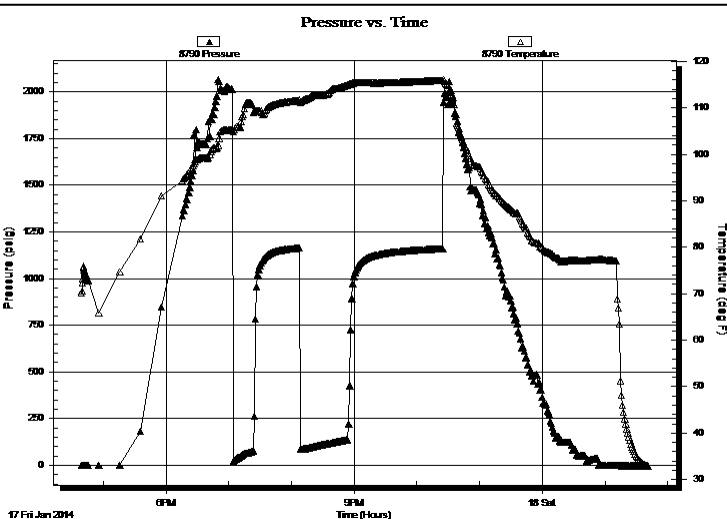
End Time:

01:41:19

Time On Btm:

Time Off Btm:

TEST COMMENT: Weak surface blow dying to no blow towards end of initial flow period.
Weak surface blow throughout final flow period.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Gas in pipe 100% G	1.44
20.00	Clean oil 100% O	0.28
80.00	Heavy oil cut mud 25% O 75% M	1.12
185.00	O & Heavy W cut M 8% O 26% W & 66%	2.60

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy, LTD

9-23S-13W Stafford, Ks.

405 N. Marienfeld
Suite 250

Midland, TX 79701

ATTN: Justin Carter

Fisher Farms #9-11

Job Ticket: 51869

DST#: 3

Test Start: 2014.01.17 @ 16:35:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 7100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 34 deg API

Water Salinity: 39000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	Gas in pipe 100% G	1.439
20.00	Clean oil 100% O	0.281
80.00	Heavy oil cut mud 25% O 75% M	1.122
185.00	O & Heavy W cut M8% O 26% W & 66% M	2.595

Total Length: 485.00 ft Total Volume: 5.437 bbl

Num Fluid Samples: 0

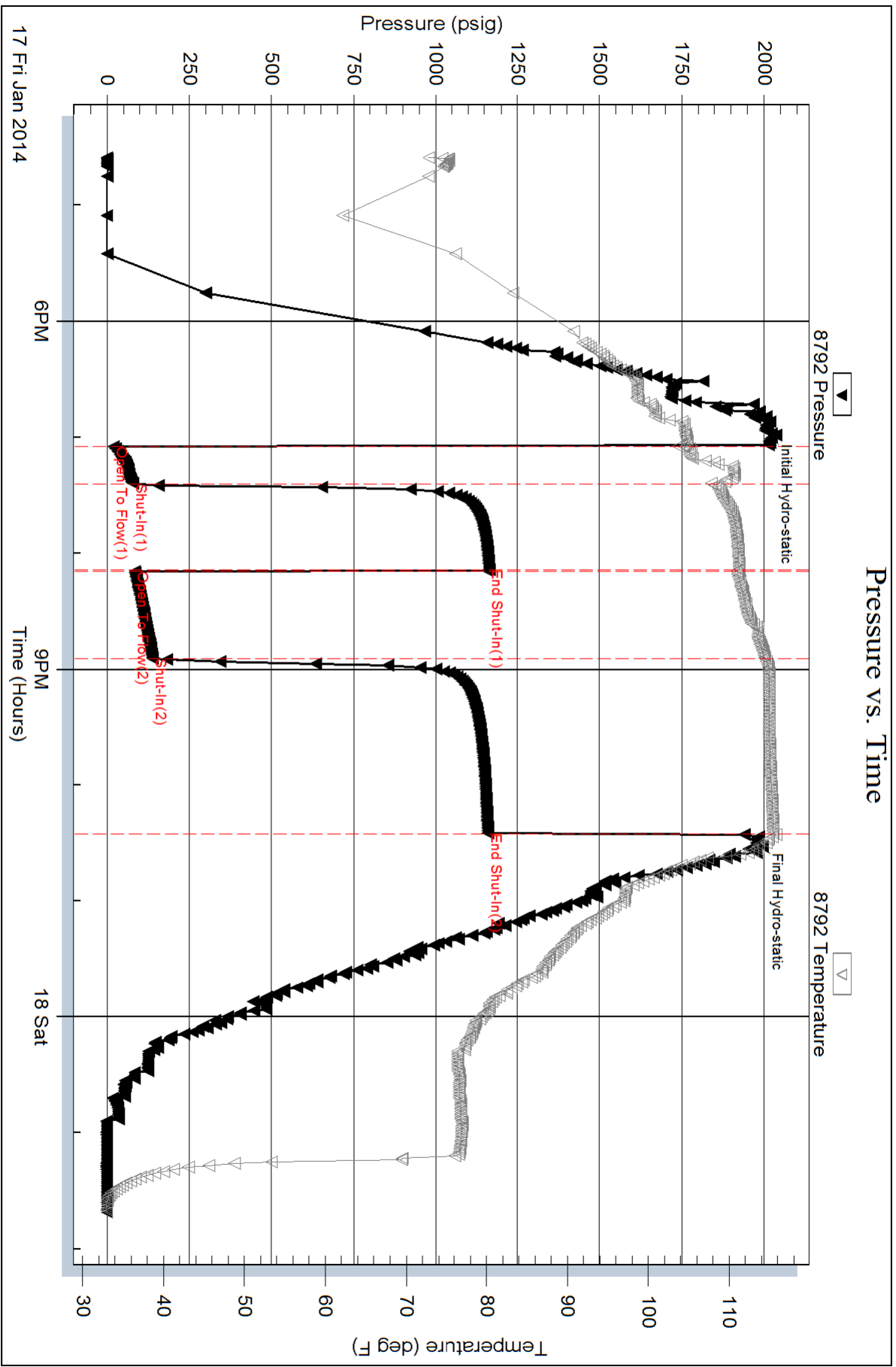
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



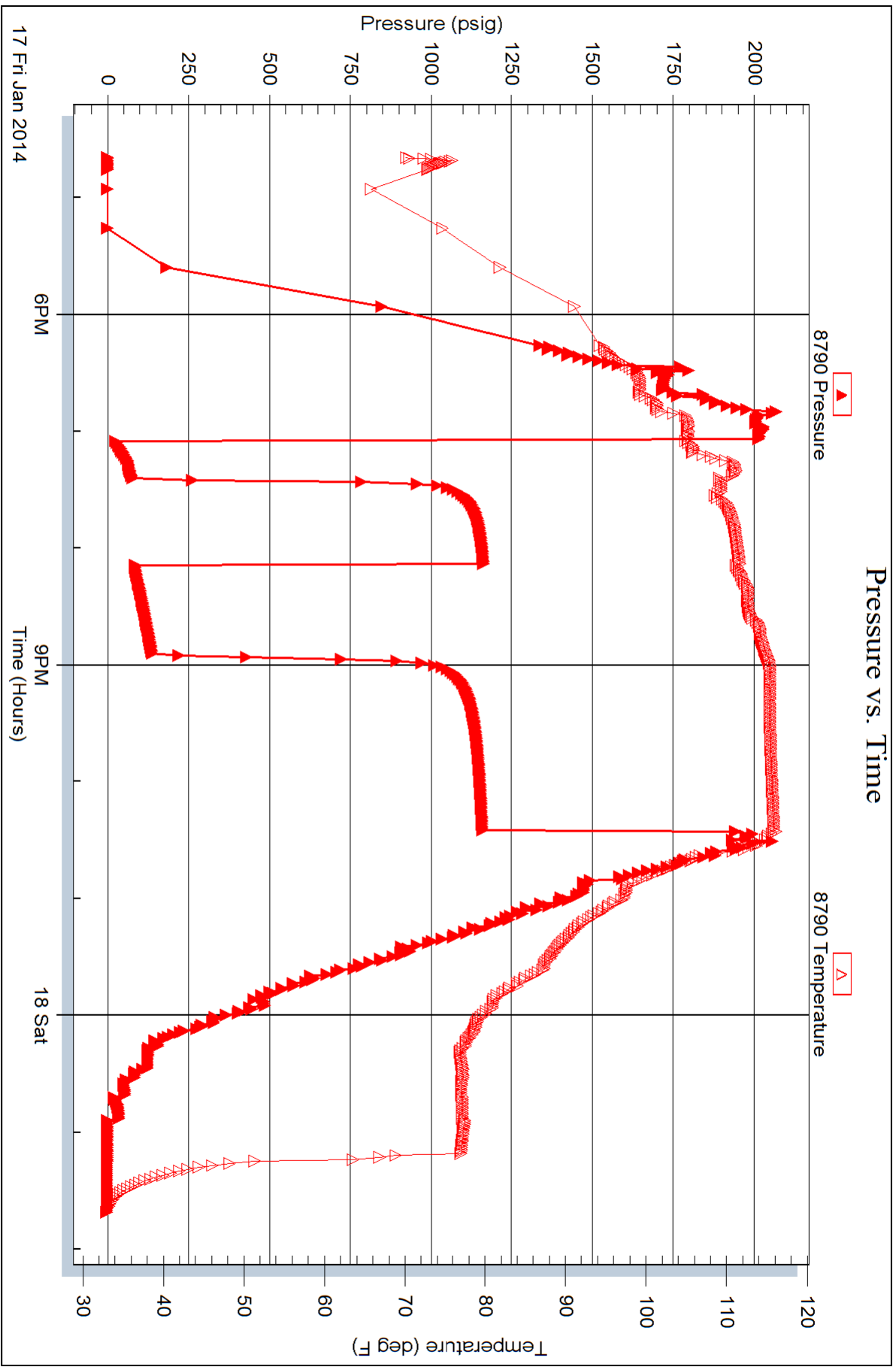
Serial #: 8790

Inside

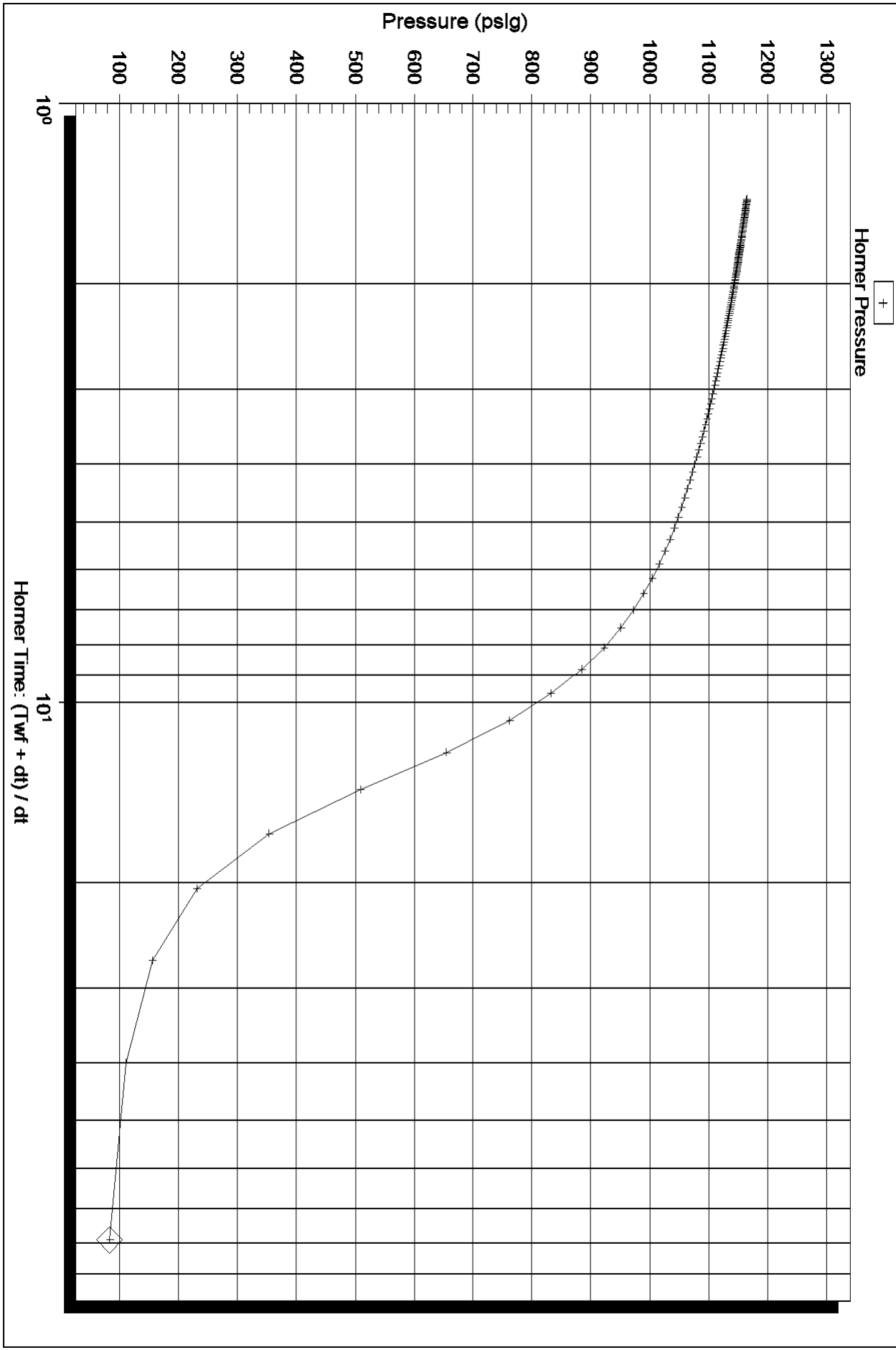
Ares Energy, LTD

Fisher Farms #9-11

DST Test Number: 3



Horner Plot



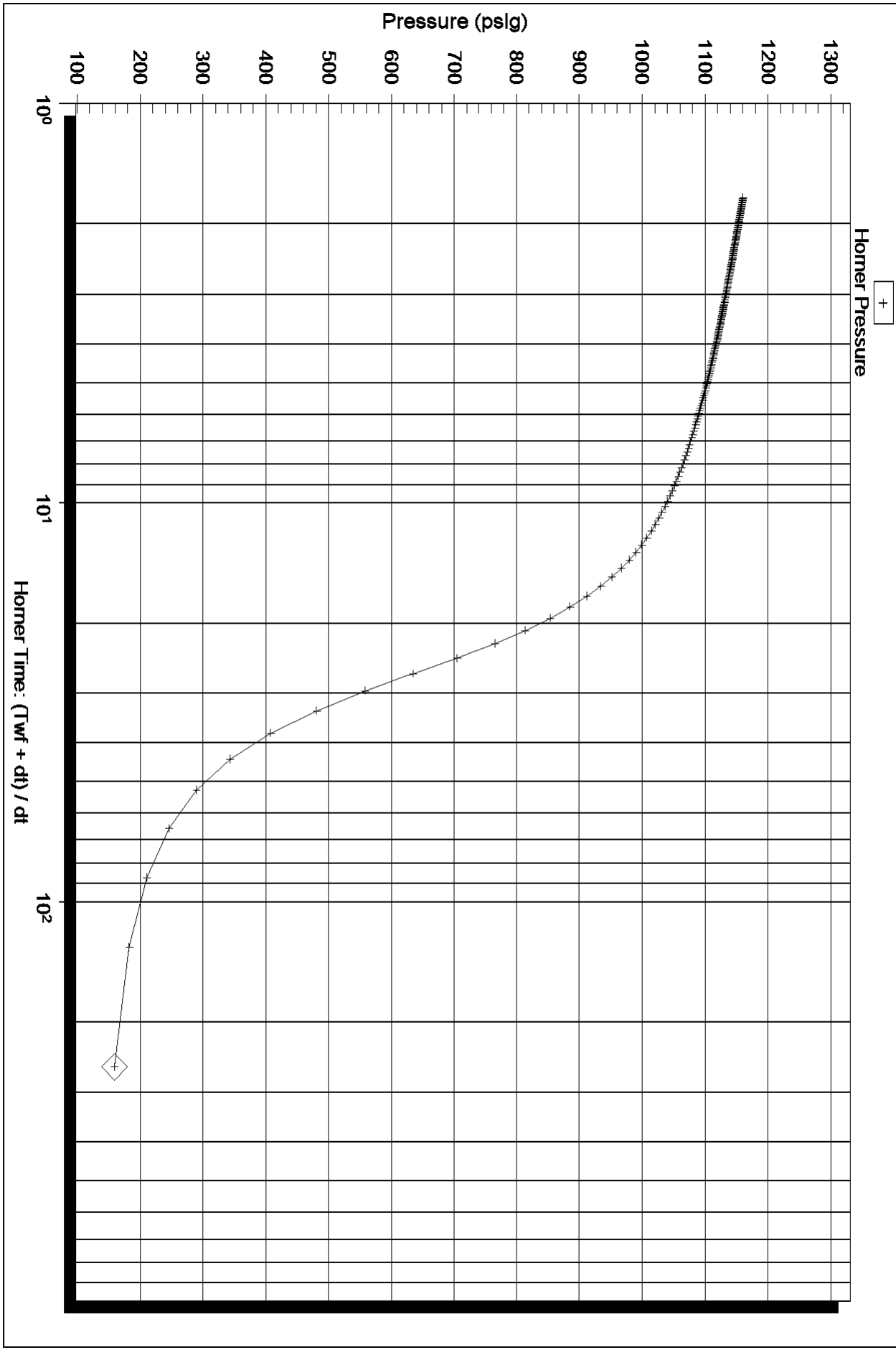
Serial Number: 8792 (Outside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot



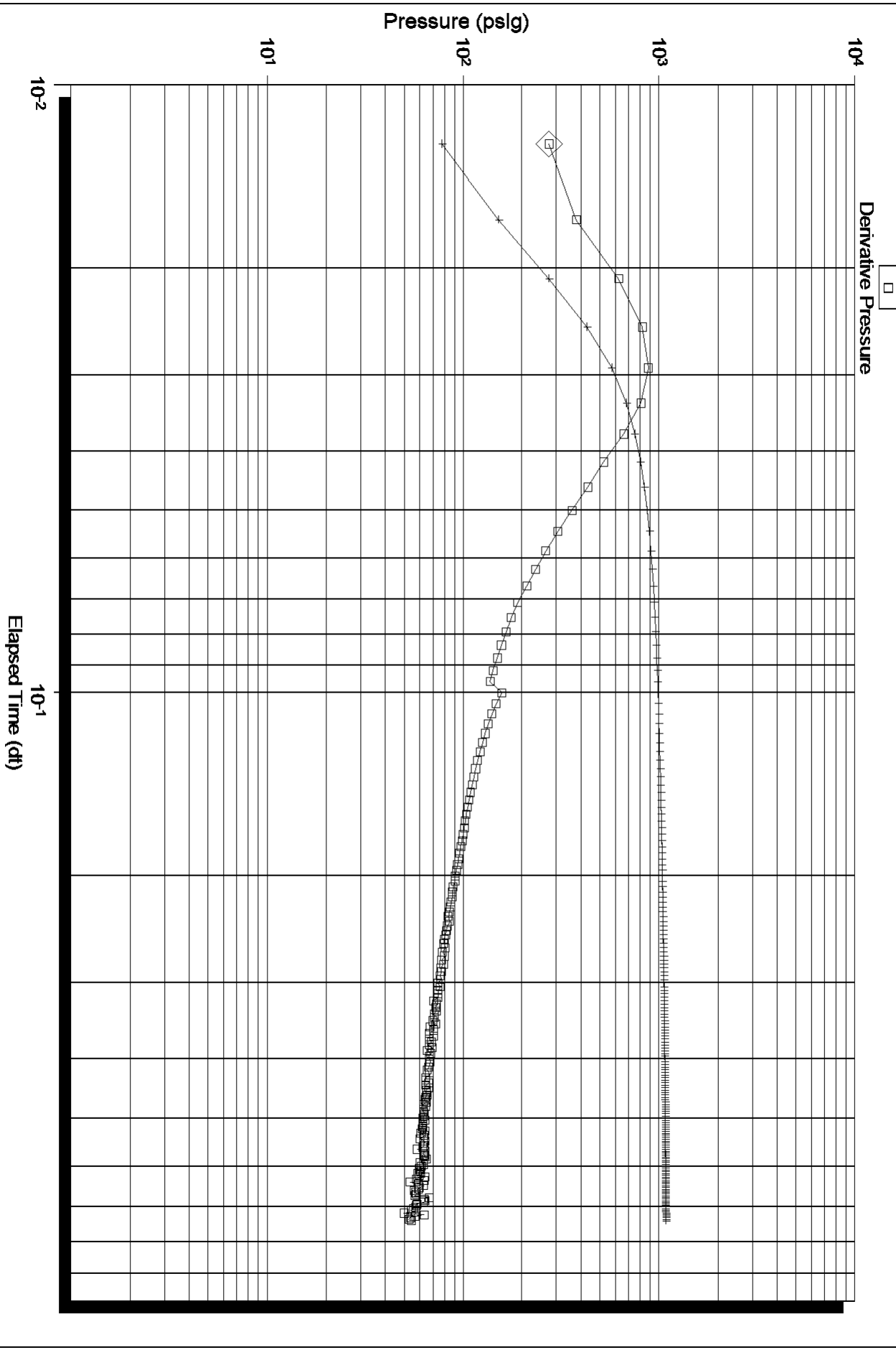
Serial Number: 8792 (Outside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

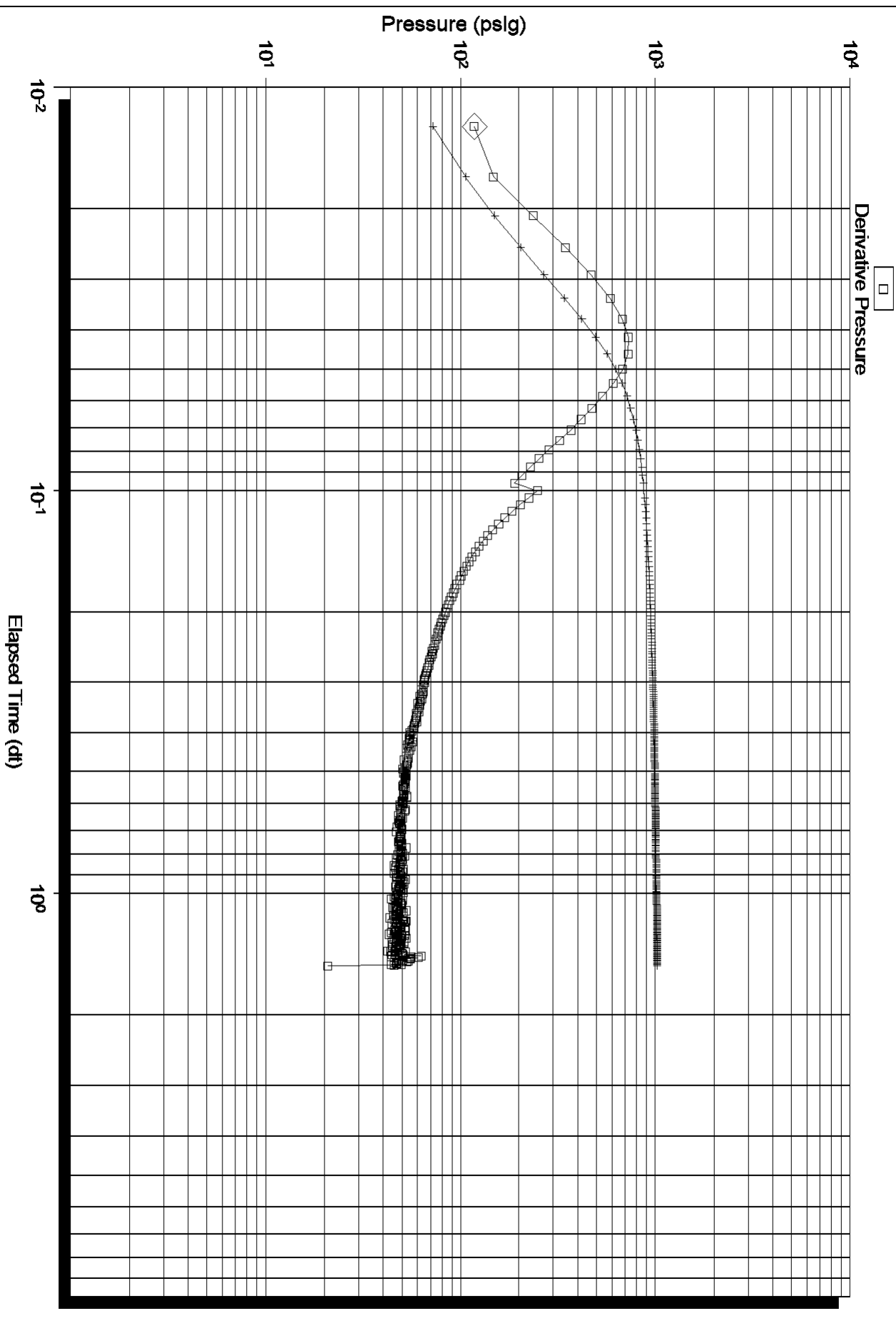
Log-Log and Pseudo-Derivative



Serial Number: 8792 (Outside)

Flow Cycle: 1

Log-Log and Pseudo-Derivative



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

July 16, 2014

Henry Clanton
ARES Energy, LTD
405 N. MARIENFELD SUITE 250
MIDLAND, TX 79701

Re: ACO-1
API 15-185-23819-00-00
Fisher Farms 9-11
SW/4 Sec.09-25S-13W
Stafford County, Kansas

Dear Henry Clanton:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 01/09/2014 and the ACO-1 was received on July 10, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department