



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1089122
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
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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: _____

1089122

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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LITHOLOGY LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: STURGEON #1
Location: SEC. 20 - T26S - R18W
License Number: API: 15-047-21604
Spud Date: 4/23/2012
Surface Coordinates: 1320 FSL & 1320 FWL
C - SW/4
Region: EDWARDS CO.
Drilling Completed: 5/1/2012
Bottom Hole Coordinates:
Ground Elevation (ft): 2193 K.B. Elevation (ft): 2204
Logged Interval (ft): 2500 To: TD Total Depth (ft): 4718
Formation: MISSISSIPPIAN AT TD
Type of Drilling Fluid: CHEMICAL

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

OPERATOR

Company: RUPE OIL CO., INC.
Address: P.O. BOX 783010
WICHITA, KS 67278
316-689-3520

GEOLOGIST

Name: LARRY P. FRIEND
Company: CONSULTANT
Address: 1639 BURNS
WICHITA, KS 67203
316-265-2228

FORMATION TOPS

FORMATION TOPS:	SAMPLE	LOG
FT. RILEY	2639 (-435)	2637 (-433)
WABAUNSEE	3260 (-1056)	3257 (-1053)
STOTLER	3395 (-1191)	3393 (-1189)
TARKIO	3444 (-1240)	3443 (-1239)
HOWARD	3586 (-1382)	3584 (-1380)
TOPEKA	3618 (-1414)	3614 (-1410)
HEEBNER	4000 (-1796)	4000 (-1796)
BROWN LIME	4138 (-1934)	4136 (-1932)
LANSING	4148 (-1944)	4146 (-1942)
MUNCIE CREEK	4288 (-2084)	4286 (-2082)
HUSHPUCKNEY SH.	4430 (-2226)	4432 (-2228)
BKC	4517 (-2313)	4516 (-2312)
MARMATON	4543 (-2339)	4542 (-2338)
CHEROKEE SHALE	4645 (-2441)	4644 (-2440)
CHEROKEE SAND	4656 (-2452)	4660 (-2456)
MISSISSIPPIAN OSAGE	4709 (-2505)	N/A

DSTs

DST #1: 3830-3875, LECOMPTON LS. (TOPEKA), TIMES:30-45-45-60

IF: BLOW OFF BTM BUCKET IN 10 SEC.

ISI: BLOW BACK BUILT TO 4.5"

**FF: BLOW OFF BTM BUCKET IN 6.5" & INC. IN STRENGTH
GTS IN 40", TSTM.**

FSI: BLOW BACK OFF BTM BUCKET

**REC: 3050' TOTAL FLUID (DUMPED 8 STANDS & REVERSED REST OUT. TOOK SAMPLES AT GAS LINE,
RECOVERY ESTIMATED IN PART):**

250' GM&OCW (26%G, 24%O, 26%W, 24%M)

315' GM&OCW (25%G, 28%O, 36%W, 11%M),

435' GOCMW (6%G, 14%O, 75%W, 5%M),

500' SO&GCW (5%G, 3%O, 92%W),

1550' SW, W/ OIL SPKS

CHLOR: 109,000, SYSTEM: 7,000, (RW: .09 @ 56 F.)

IFP: 1119-1379#, FFP: 1379-1384#, SIP: 1383-1385#

HP: 1881-1815#, MAX TEMP: 130 F.

DST #2: LANSING "A" (4145-4166), TIMES: 30-45-45-60

IF: BLOW BILT TO 6"; FF: BLOW BUILT TO 6", NO BLOWBACK

REC: 85' GIP, 8' DRILLING MUD, NS

IFP: 12-14#, FFP: 13-15#, SIP: 173-142#, HP: 2037-2016#

DST #3: LANSING "C" & "D" ZONES (4176-4217) STRADDLE W/ TD @ 4256. TIMES: 30-45-45-60

IF: BLOW OFF BTM IN 30"; FF: B. BILT TO 9", NO BLOWBACK

REC: 90' GIP, 155' SOCMW (6%O, 76%W, 18%M)

CHLORIDES = 84,000 PPM; (RW .14 @ 48 F.)

IFP: 22-33#; FFP: 37-58#; SIP: 1362-1338#; HP: 2073-1938#

DST#4: CHEROKEE SAND (4644-4682), TIMES: 30-45-30-45

IF: WEAK 1/2" BLOW; FF: WEAK SURFACE BLOW

REC: 5' DRILLING MUD, NS

IFP: 17-17#, FFP: 13-16#; SIP: 36-31#; HP: 2322-2312#

MAX TEMP: 138 F.

DST #5: MISSISSIPPIAN (4644-4718), TIMES:30-45-45-60

IF: BLOW BUILT TO 12"; FF: BUILT TO 13"; NO BLOWBACK

REC: 175' GIP, 10' DRILLING MUD, NS

IFP: 16-20#, FFP: 18-21#; SIP: 202-354#; HP: 2298-2241#

MAX. TEMP: 133 F.

SURVEYS

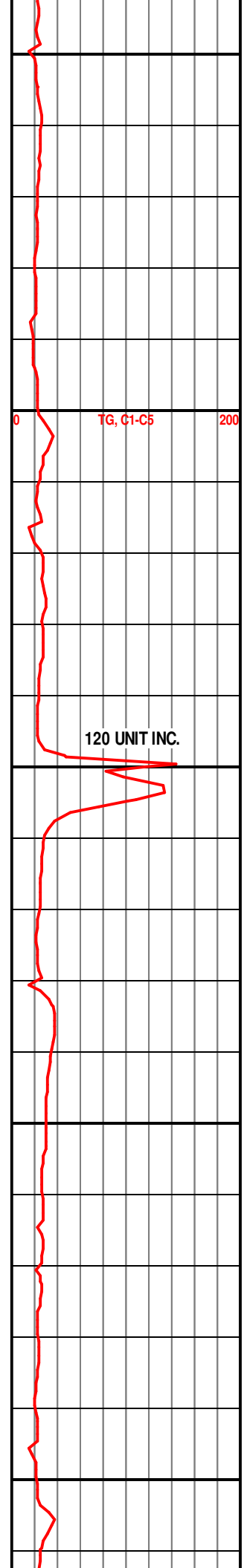
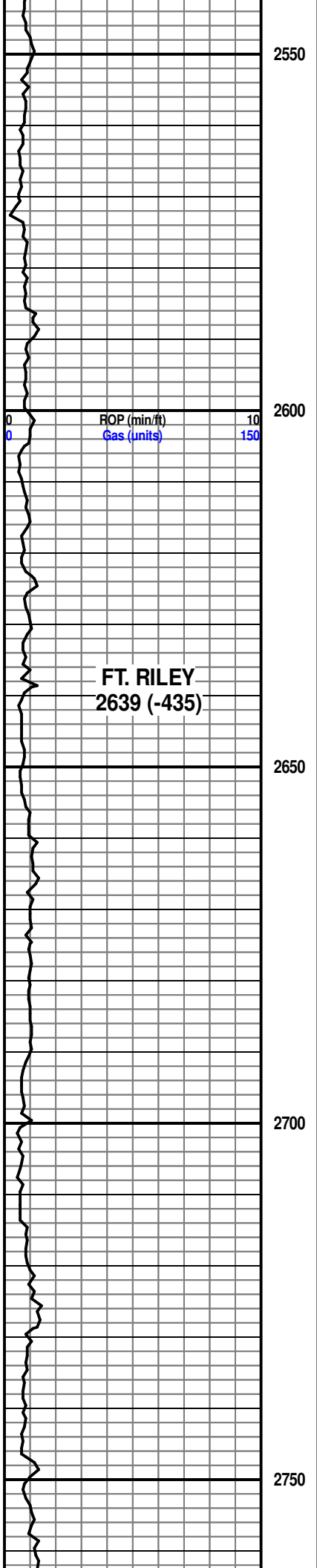
DEVIATION SURVEYS:

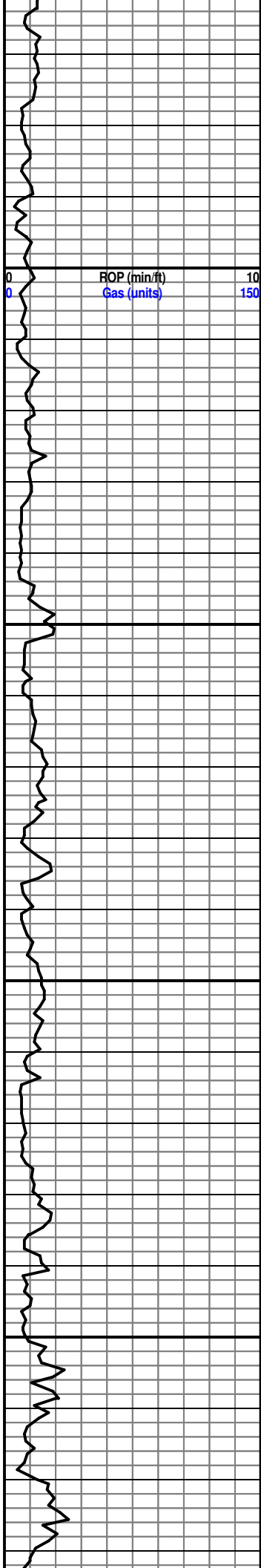
1 DEGREE @ 315'

1 DEGREE @ 3875'

Comments

It was decided to run casing and to produce the Lecompton (Topeka) zone at 3832-3837. This zone was included in DST #1 and calculates 45% water saturation. There was also a gas kick in the Ft. Riley at approx. 2637. This zone calculates wet. Other shows have been evaluated with drill stem testing.





2800

2850

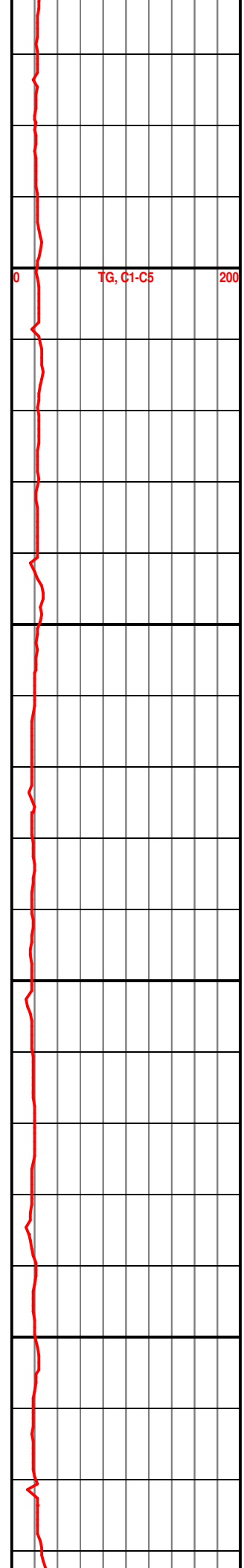
2900

2950

0
0

ROP (min/ft)
Gas (units)

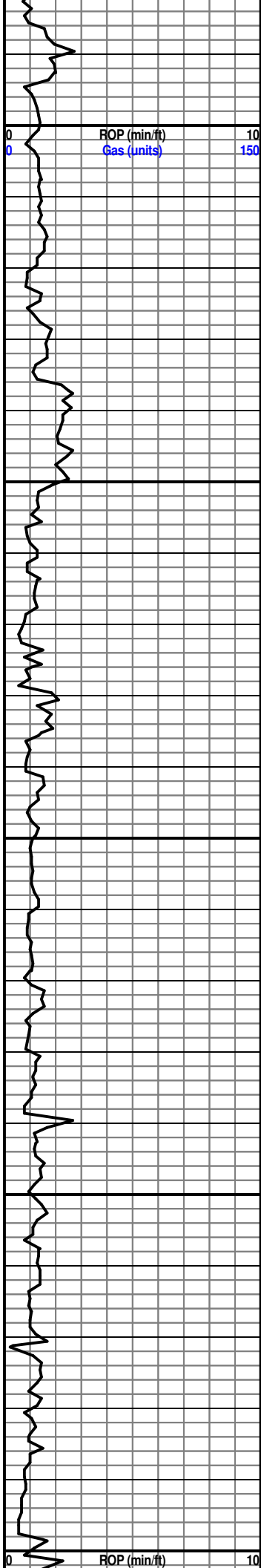
10
150



0

TG, C1-C5

200



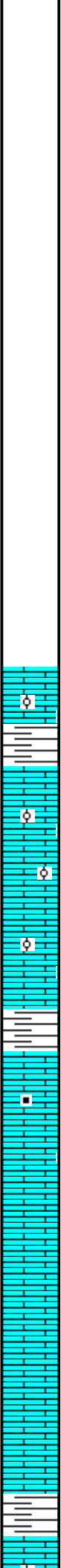
3000

3050

3100

3150

3200



20: LS, BRN, OOLITIC / FOSS, RARE TR. GOOD OOLICASTIC POR; NS

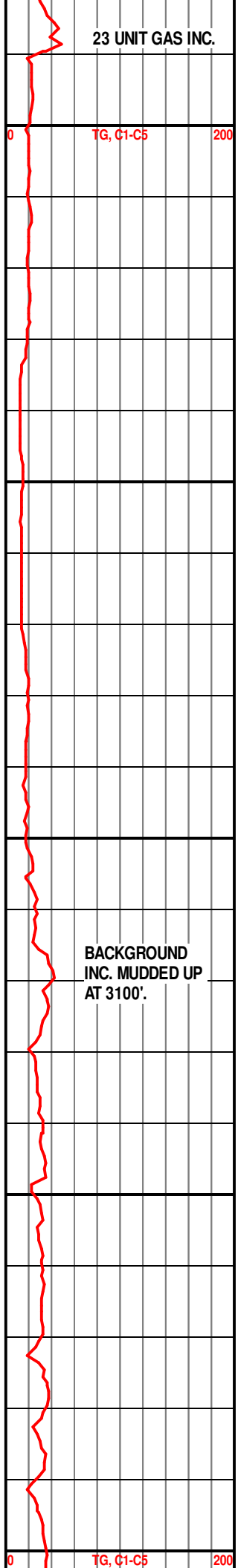
40: TR. LS, TAN, V. OOL / FOSS, W/ PR-GD XLN. POR; NS, NO FLUOR.

60: SOME LS, TAN-BRN, FXLN, OOL / FOSS, PR- TR. FR XLN. POR, W/ TR. BRN, CARBONACEOUS SPKS; NS

80: INC. LS, CRM-TAN, FXLN, SOFT, SLI. FOSS, FR -GD. XLN. POR, W/ SCAT. BRN CARBONACEOUS SPKS; NS

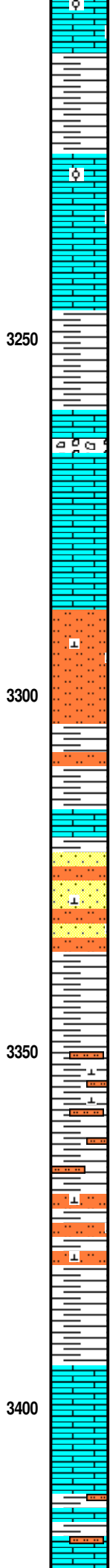
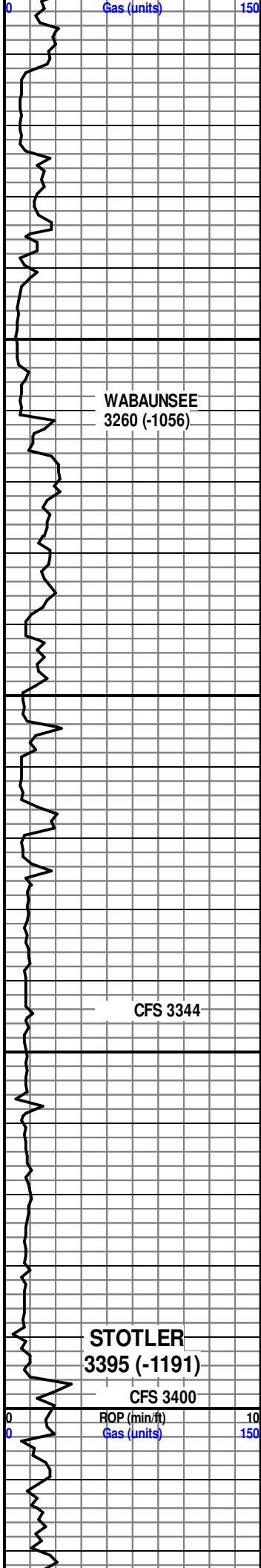
100: LS, BRN, FXLN, V. FOSS. (FUSILINIDS), PR - TR. FR. XLN. POR; NS

20: LS, BRN, FXLN, V. OOLITIC / FOSS, PR- TR. FR. XLN. POR; NS, NO FLUOR. SHALE, GRY.



BACKGROUND INC. MUDDERED UP AT 3100'.

TG, C1-C5 200



40: LS, BRN, V. FOSS / OOL.(FUSILINIDS)
PR TR. FR. XLN. PO; NS

SHALE, RED.

60:LS, BRN, FXLN, FOSS / OOL, PR. - TR.
FR. XLN. POR; NS

80: SHALE, GRY AND SHLY, GRY LS.

100: LS, CRM-TAN, FXLN, FRAGMENTAL
SOME FOSS FRAGS, PR. VIS. POR ; TR.
LS, CRM, SLI. CHLKY W/ LT-MD MINERAL
FLUOR; NS

10: TR. LS, TAN, V. FOSS, W/ PR- TR. GD.
XLN POR ; AND LS, AS ABV; NS

GRY, LMY, SILTSTN

40: SHALE, GRY AND GRY, LMY SILT -
STONE

25" CIRC: TR. HARD, LT. GRY, LMY
SILTSTONE AND SHALE, GRY; NS

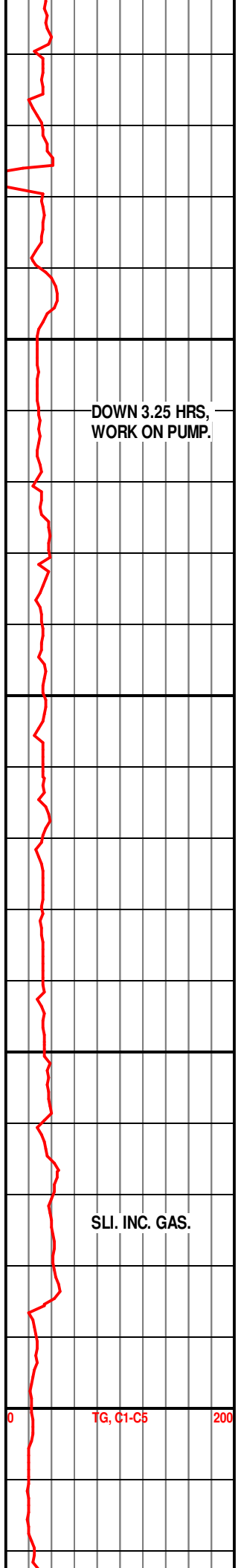
40" CIRC: SST, MOSTLY SILT TO MINOR VF.
GRND, P. SORT, CLR, SLI. CALC. CEM.,
FRIABLE-TITE; AND GRY, SHLY, SILTSTN;
NS, NO FLUOR.

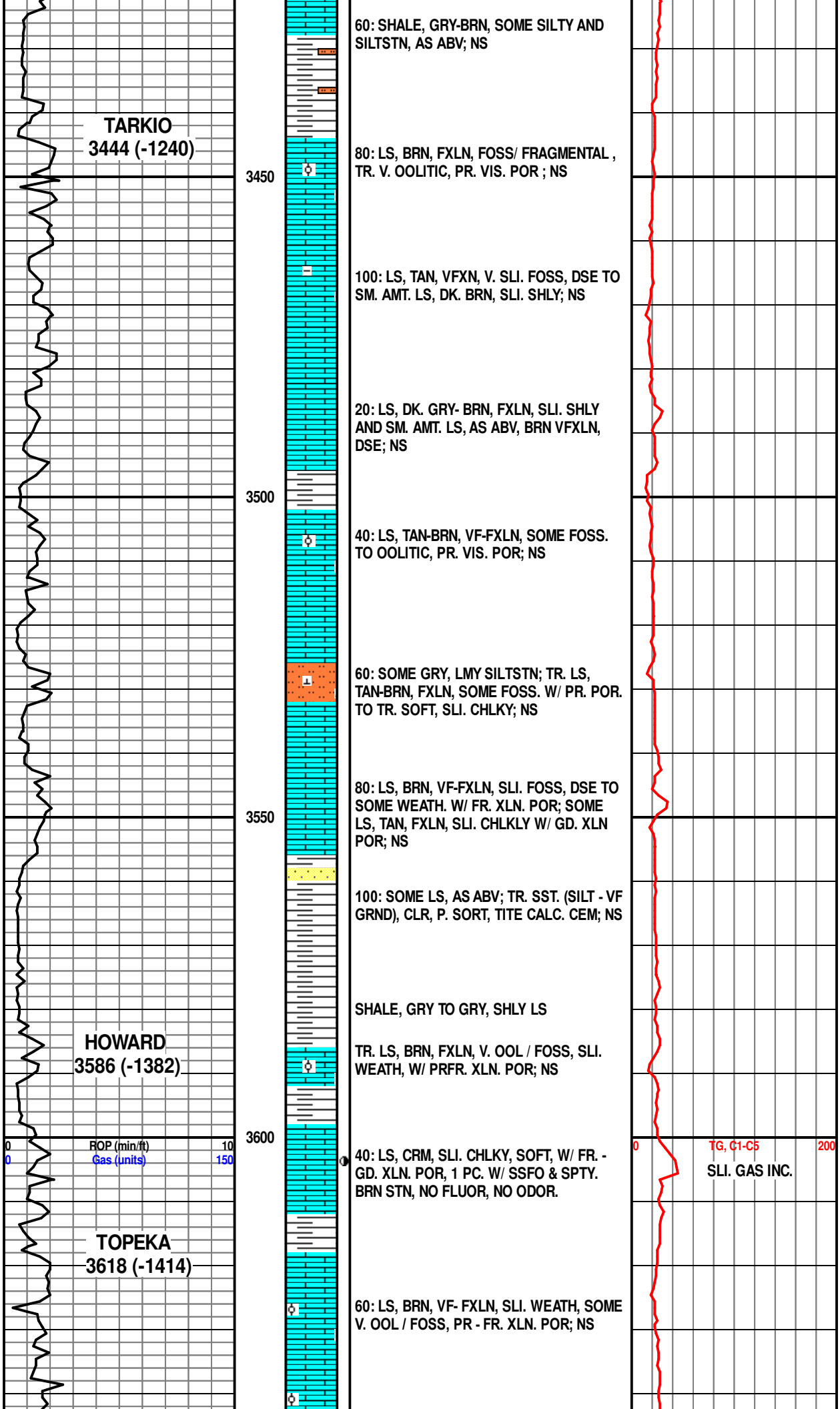
SLI. CALC, GRY, SILTY SHALE.

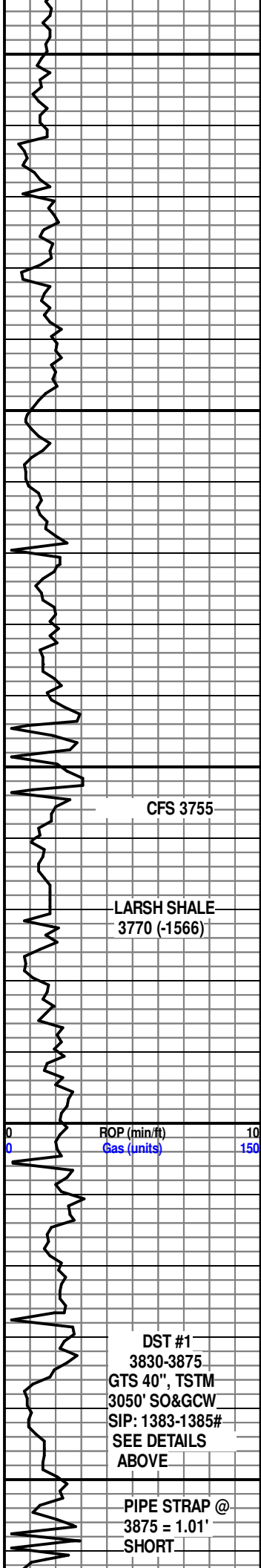
SM. AMT. TAN, V. CALCAREOUS SILTSTN
W/ FR. POR; AND MUCH GRY, SILTY
SHALE; NS

LS, TAN-BRN, FXLN, SOME FOSS, W/ PR.
LIT. FR. XLN. POR; NS

40: LS, AS ABV; AND SHALE, GRY & GRY,
SHLY SILTSTONE; NS







3650
3700
3750
3800
3850

80: LS, AS ABV, BRN, VF-FXLN, SLI. WEATH, SOME SLI. OOL / FOSS, MOST. PR. TO TR. FR. XLN. POR; NS, NO FLUOR.

100: LS, BRN, VFXLN, WEATH, TAN, W/ PR. - LIT. FR. XLN. POR; NS

20: LS, BRN, VFXLN, DSE TO MUCH WEATH. TAN, SLI. CHLKY W/ FR-GD. XLN. POR; NS

40: LS, CRM-BRN, WEATH, SLI. CHLKY, W/ SOME FR-GD. XLN. POR; NS

55: MOSTLY LS, AS ABV; NS

30" CIRC: LS, CRM-BRN, FXLN, WEATH, SLI. CHLKY, W/ PR-GD. XLN. POR; NS

CFS 3755

100: LS, CRM-BRN, WEATH, SLI. CHLKY, SLI. FOSS, W/ PR-GD. XLN. POR; 1 PC. W/ TR. FO, NO FLUOR, NO ODOR.

SLI. INC. GAS.

LARSH SHALE
3770 (-1566)

20: LS, TAN-BRN, VF-FXLN, SLI. FOSS, W/ PR. VIS. POR; SM. AMT. LS, CRM, WEATH, SLI. CHLKY; SOME DK. GRY SHALE; NS, NO FLUOR.

ROP (min/ft) 10
Gas (units) 150

40: LS, BRN, VFXLN, DSE TO MOSTLY LS, WEATH, CRM, SLI. CHLKY W/ PR - GD. XLN. POR; NS

TG, C1-C5 200

60: LS, AS ABV; NS

DST #1
3830-3875
GTS 40", TSTM
3050' SO&GCW
SIP: 1383-1385#
SEE DETAILS
ABOVE

75: TR. LS, BRN, VFXLN, W/ TR. PR. PPT-VUG. POR TO TR. LS, CRM, WEATH SLI. CHLKY; SSFO&G (V. LT. OIL) & PR. TR. SPTY STN & SPTY FLUOR; FR. ODOR

150 UNIT INC.

PIPE STRAP @
3875 = 1.01'
SHORT

CIRC: LS, TAN-BRN, FN- TR. CSE XLN, CALCITIC, SLI. FOSS, PR-TR. FR. SCAT.

Q. HILL
3875 (-1671)

CFS 3875

PPT-VUG-OOLIC. POR & R. TR. GD. SOL.
POR, EVERY PC. W/ SSFO (V. LT), TR. V. LT.
PR. STN, SPTY. FLUOR, FR. ODOR; ALSO
MUCH LS, CRM-BRN, SLI. CHLKY, W/ NS.

LS, GRY-BRN, VF-CSE XLN, V. CALCITIC, R.
TR. SCAT. PPT-VUG. POR & SOME PR-FR.
XLN. POR; NS, NO FLUOR.

LS, BRN, VF-FXLN, DSE TO TR. CALCITIC
FN-CSE XLN W/ FR. XLN POR; AND MUCH
LS CRM, CHLKY; NS

LS, CRM-BRN, SLI. CHLKY, SOFT, GD XLN.
POR; NS

LS, CRM-BRN, AS ABV, SLI. - V. CHLKY,
SOFT W/ GD. XLN. POR; NS

LS, BRN, VF-FXLN, DSE TO SOME
WEATHERED, SLI. CHLKY; NS

LS, DK. BRN, FXLN, SLI. SILTY, PR POR; NS

SHALE, BRN - BLK, CARBONACEOUS.

GRN-GRY, SLI. SILTY LS TO LMY SHALE.

LS, TAN-BRN, VFXLN, V. SLI. FOSS, DSE
TO SM AMT, WEATH. CRM, CHALKY; NS

SHALE, GRY-BRN, SOME MICA, SLI.
CALCAREOUS.

LS, GRY, VFXLN, DSE.

LS, TAN-BRN, VFXLN, DSE TO SLI. WEATH;
AND SHALE GRY.

3900

3950

4000

4050

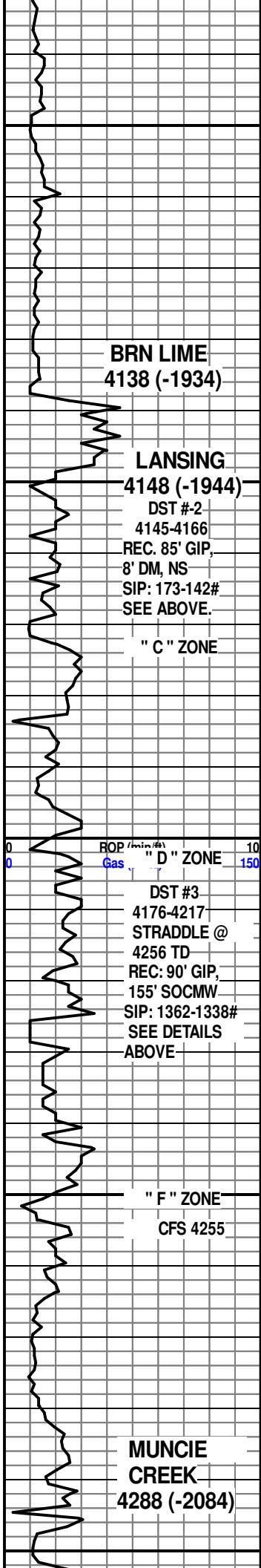
HEEBNER
4000 (-1796)

ROP (min/ft) 10
Gas (units) 150

70, 81-85 200

145 UNIT INC.

RIG CHECK
POWER OFF



BRN LIME
4138 (-1934)

LANSING
4148 (-1944)

DST #2
4145-4166
REC. 85' GIP,
8' DM, NS
SIP: 173-142#
SEE ABOVE.

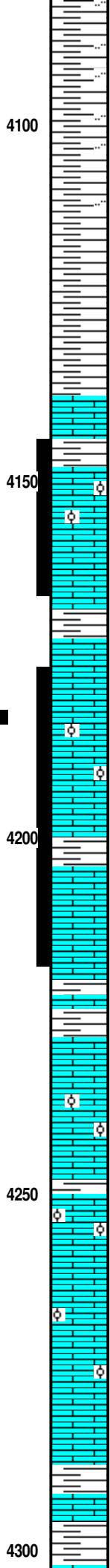
" C " ZONE

ROP (min./hr)
Gas " D " ZONE

DST #3
4176-4217
STRADDLE @
4256 TD
REC: 90' GIP,
155' SOCMW
SIP: 1362-1338#
SEE DETAILS
ABOVE

" F " ZONE
CFS 4255

**MUNCIE
CREEK**
4288 (-2084)



SILTY, GRY SHALE.

SHALE, GRY.

SHALE, GRY.

LS, BRN, VF-FXLN, SLI. FOSS, PR. POR; NS

LS, BRN, VFXLN, OOLITIC, W/ PR. SPTY, OOLIC. POR, VSSFO, SPTY BRN STN, SLI. ODOR ON BRK TOTR. LS, V. OOL., W/ GD. OOLIC. POR & NS

SHALE, GRY.

TR. LS, BRN, CP PCS W/ FR-GD OOLIC. - SOLUTION POR, SLI. CALCITIC, SFO, LT. SPTY STN, SLI. ODOR ON BRK.

SHALE, GRY.

LS, CRM-BRN, VF-FXLN, WEATH, SLI. CHLKY, SLI. FOSS, FEW SM PCS W/ PR. SCAT. VUG POR, SSFO.

CFS 4223

LS, CRM CHLKY, SOFT; TR. LS BRN, OOLITIC W/ PR-GD OOLIC. POR; NS, NO FLUOR.

LS, BRN, OOLITIC, W/ PR-GD OOLIC. POR; NS

FEW SM. PCS, LS, FAINTLY OOL. W/ PR-FR. OOLIC. POR; MOSTLY LS, BRN, DSE TO SOME WEATH, CRM SLI. CHLKY; NS

LS, GRY-BRN, VFXLN, W/ TR. PR. VUG. POR; NS

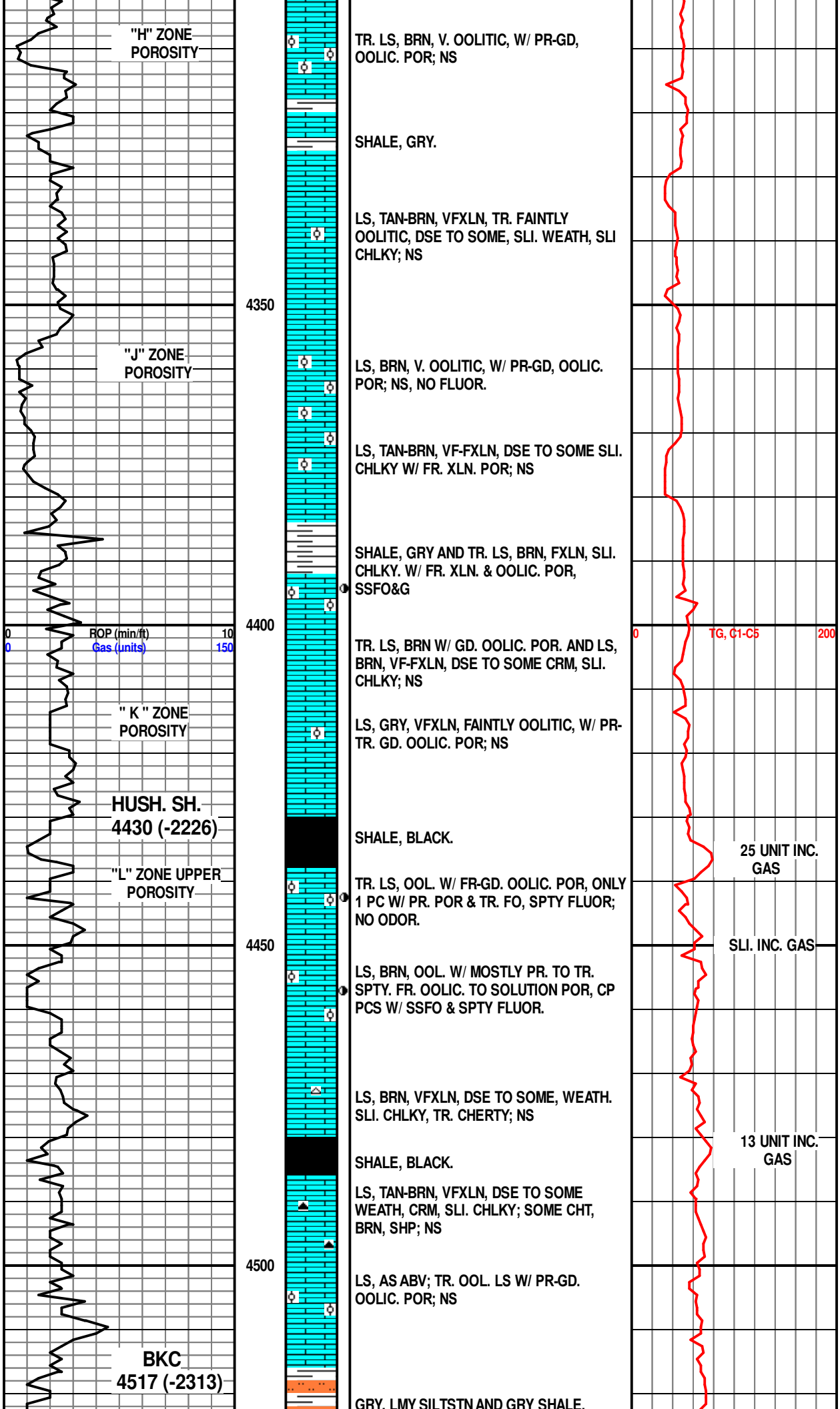
LS, TAN-BRN, VF-FXLN, PR. POR. TO SOME SLI. CHLKY; AMD SHALE, GRY; NS

24 UNIT INC.

30 UNITS INC.

TG, C1-C5 200

ADDED MUD BACKGROUND CHANGE



"H" ZONE
POROSITY

TR. LS, BRN, V. OOLITIC, W/ PR-GD,
OOLIC. POR; NS

SHALE, GRY.

LS, TAN-BRN, VFXLN, TR. FAINTLY
OOLITIC, DSE TO SOME, SLI. WEATH, SLI
CHLKY; NS

4350

"J" ZONE
POROSITY

LS, BRN, V. OOLITIC, W/ PR-GD, OOLIC.
POR; NS, NO FLUOR.

LS, TAN-BRN, VF-FXLN, DSE TO SOME SLI.
CHLKY W/ FR. XLN. POR; NS

SHALE, GRY AND TR. LS, BRN, FXLN, SLI.
CHLKY. W/ FR. XLN. & OOLIC. POR,
SSFO&G

4400

ROP (min/ft)
Gas (units)

TR. LS, BRN W/ GD. OOLIC. POR. AND LS,
BRN, VF-FXLN, DSE TO SOME CRM, SLI.
CHLKY; NS

TG, C1-C5 200

"K" ZONE
POROSITY

LS, GRY, VFXLN, FAINTLY OOLITIC, W/ PR-
TR. GD. OOLIC. POR; NS

HUSH. SH.
4430 (-2226)

SHALE, BLACK.

25 UNIT INC.
GAS

"L" ZONE UPPER
POROSITY

TR. LS, OOL. W/ FR-GD. OOLIC. POR, ONLY
1 PC W/ PR. POR & TR. FO, SPTY FLUOR;
NO ODOR.

SLI. INC. GAS

4450

LS, BRN, OOL. W/ MOSTLY PR. TO TR.
SPTY. FR. OOLIC. TO SOLUTION POR, CP
PCS W/ SSFO & SPTY FLUOR.

LS, BRN, VFXLN, DSE TO SOME, WEATH.
SLI. CHLKY, TR. CHERTY; NS

13 UNIT INC.
GAS

SHALE, BLACK.

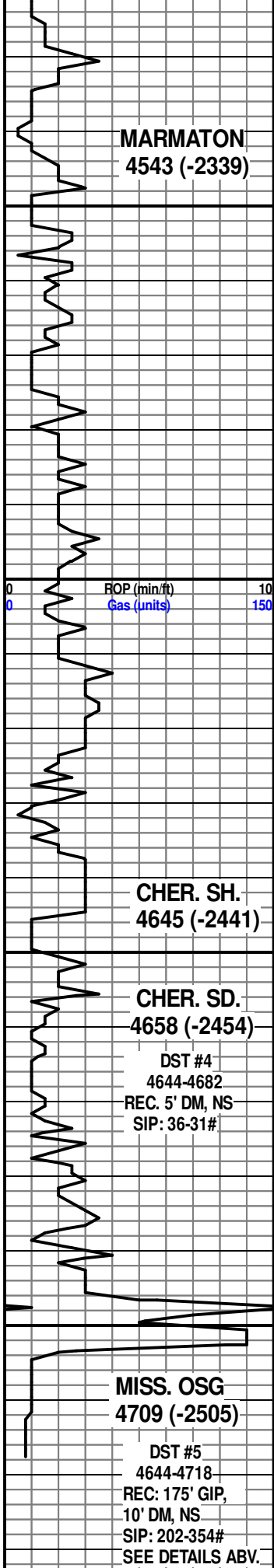
LS, TAN-BRN, VFXLN, DSE TO SOME
WEATH, CRM, SLI. CHLKY; SOME CHT,
BRN, SHP; NS

4500

LS, AS ABV; TR. OOL. LS W/ PR-GD.
OOLIC. POR; NS

BKC
4517 (-2313)

GRY. LMY SILTSTN AND GRY SHALE.



LS, TAN-BRN, DSE TO SLI. CHLKY; NS

SHALE, LT GRY TO BLACK.

LS, BRN, VFXLN, DSE, TR. OOLITIC W/ PR. POR; NS

SHALE, LT. GRY & PURPLE.

LS, BRN, VFXLN, DSE, TR. FOSS; NS

SHALE, VARY COLORED.

LS, BRN, VFXLN, DSE, TR. FOSS. SHELLS; NS

LS, DK. BRN, SLI. SILTY; NS

SHALE, BLACK.

LS, BRN, VFXLN, DSE, SLI. FOSS TO SOME WEATH, CRM, SLI. CHLKY; NS

SHALE, BLACK

LS, BRN, VFXLN, SLI. OOLITIC, DSE; NS

SHALE, BLACK.

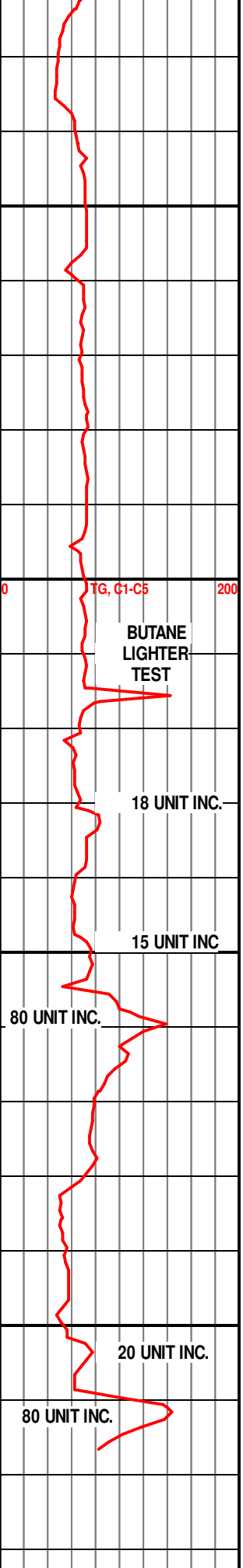
SST, CSE GRND, W. SORT, TO SOME P. SORT, FN-CSE GRND; SBANG, CLR, FRIAB, GD POR. TO TITE; MINOR CALC. CEM; SSFO, MUCH BLK DD RESID. OIL, SPTY FLUOR, GD CRUSH CUT, NO ODOR

LS, TAN-BRN, VFXLN, DSE TO SOME WEATH.

RED-GRY, SHLY SST. AND VARY COL. SHALE.

SST, TITE, SHLY, CRM-BLACK, VF-MED GRND, P. SORT, ANG-SBRD, CLR-ORG, NS, NO FLUOR; CP. PCS CHT, CRM-BRN, SPTY BLK RESID. STN, TR. FO, SPTY FL, WK CRUSH CUT, NO ODOR

CHERT, CRM, WEATH, SOME WEATH POR. AND MINOR QTZ CHIPS, GRY; BLK. SPTY. RESID. OIL STN, PR. SPTY. FLUOR, WK-FR. CRUSH CUT, TR. FO; NO ODOR.





DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co. Inc.**

PO Box 783010
Wichita KS 67207

ATTN: Larry Friend

Sturgeon #1

20-26s-18w Edwards,KS

Start Date: 2012.04.27 @ 18:21:48

End Date: 2012.04.28 @ 04:50:03

Job Ticket #: 45798 DST #: 1

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

Printed: 2012.05.03 @ 15:45:01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45798

DST#: 1

ATTN: Larry Friend

Test Start: 2012.04.27 @ 18:21:48

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:50:03

Time Test Ended: 04:50:03

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3830.00 ft (KB) To 3875.00 ft (KB) (TVD)

Reference Elevations: 2204.00 ft (KB)

Total Depth: 3875.00 ft (KB) (TVD)

2193.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 1384.28 psig @ 3831.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.27 End Date: 2012.04.28

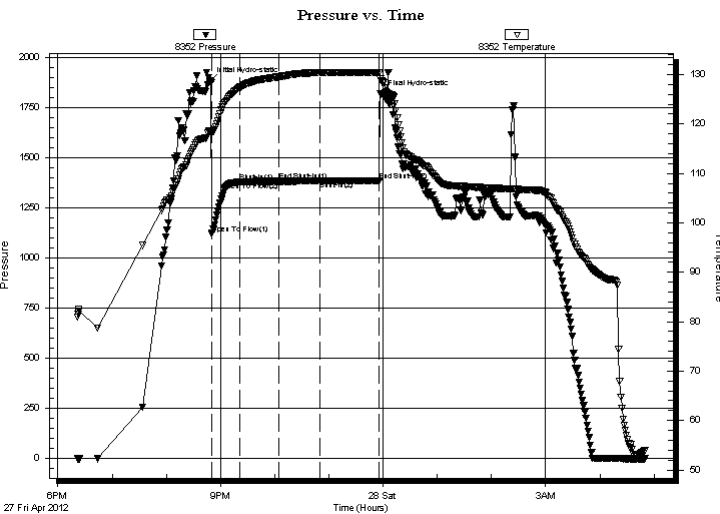
Last Calib.: 2012.04.28

Start Time: 18:21:53 End Time: 04:50:03

Time On Btm: 2012.04.27 @ 20:48:33

Time Off Btm: 2012.04.27 @ 23:58:03

TEST COMMENT: IF: Strong blow . B.O.B. in 10 secs.
IS: Weak to fair blow . 1 - 4 1/2".
FF: Strong blow . B.O.B. In 6 1/2 mins. GTS in 40 mins. TSTM
FS: Strong blow . B.O.B.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.00	118.58	Initial Hydro-static
2	1119.43	118.42	Open To Flow (1)
33	1379.45	127.36	Shut-In(1)
77	1383.41	129.58	End Shut-In(1)
77	1378.97	129.58	Open To Flow (2)
122	1384.28	130.38	Shut-In(2)
188	1384.59	130.44	End Shut-In(2)
190	1814.73	128.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1550.00	SW/w o specs.	21.74
500.00	SO&GCW 3%o 5%g 92%w	7.01
435.00	GOCMW 6%g 14%o 5%m 75%w	6.10
315.00	GM&OCW 25%g 11%m 28%o 36%w	4.42
250.00	GM&OCW 26%g 24%m 24%o 26%w	3.51

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45798

DST#: 1

ATTN: Larry Friend

Test Start: 2012.04.27 @ 18:21:48

Tool Information

Drill Pipe:	Length: 3824.00 ft	Diameter: 3.80 inches	Volume: 53.64 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 53.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3830.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			3808.00	
Shut in tool	5.00			3813.00	
HMV	5.00			3818.00	
Safety Joint	3.00			3821.00	
Packer	4.00			3825.00	23.00 Bottom Of Top Packer
Packer	5.00			3830.00	
Stubb	1.00			3831.00	
Recorder	0.00	8370	Inside	3831.00	
Recorder	0.00	8352	Outside	3831.00	
Perforations	39.00			3870.00	
Bullnose	5.00			3875.00	45.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45798

DST#: 1

ATTN: Larry Friend

Test Start: 2012.04.27 @ 18:21:48

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: 109000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1550.00	SW/w o specs.	21.742
500.00	SO&GCW 3%o 5%g 92%w	7.014
435.00	GOCMW 6%g 14%o 5%m 75%w	6.102
315.00	GM&OCW 25%g 11%m 28%o 36%w	4.419
250.00	GM&OCW 26%g 24%m 24%o 26%w	3.507

Total Length: 3050.00 ft Total Volume: 42.784 bbl

Num Fluid Samples: 0

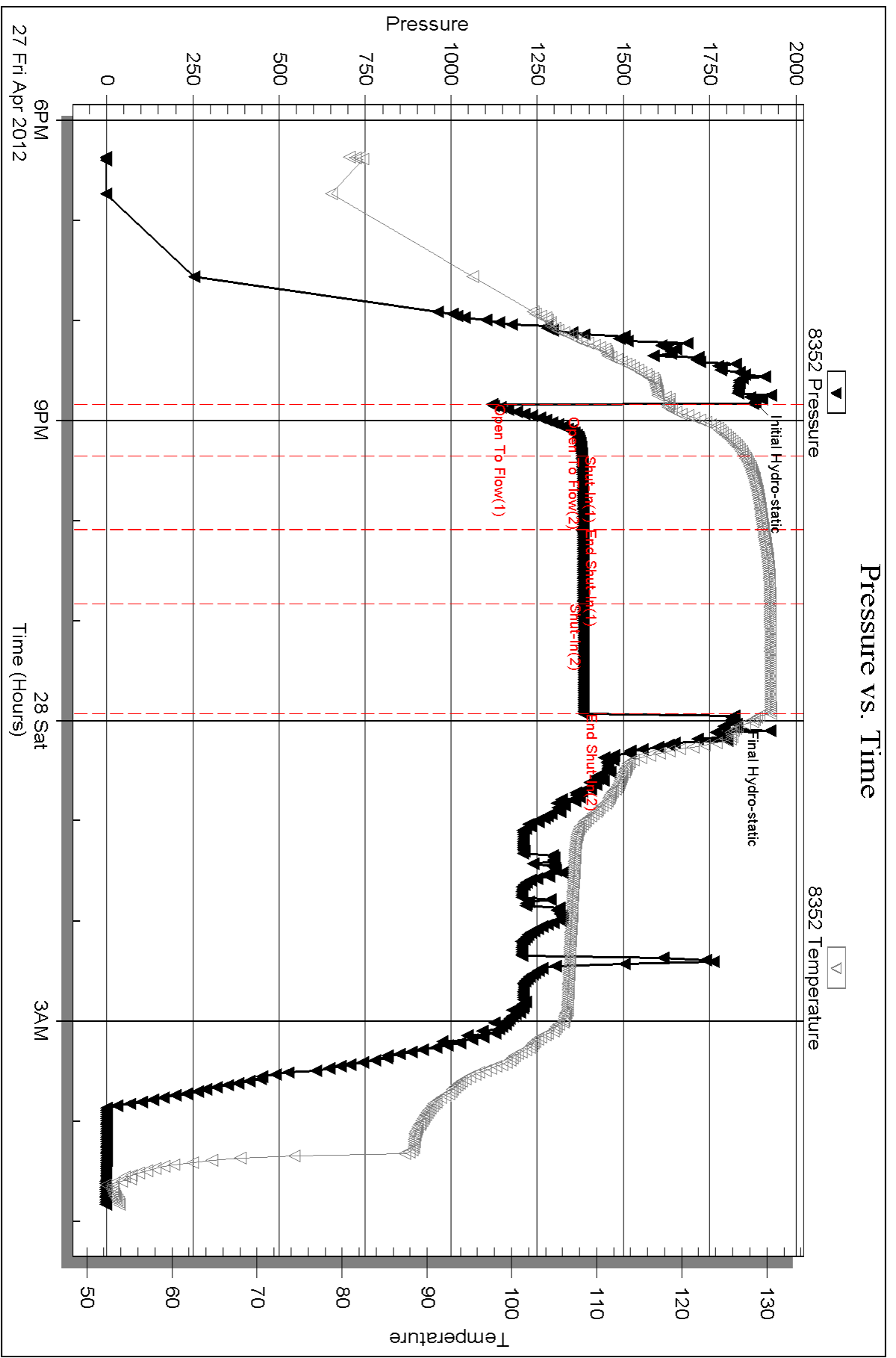
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .09ohms @56deg



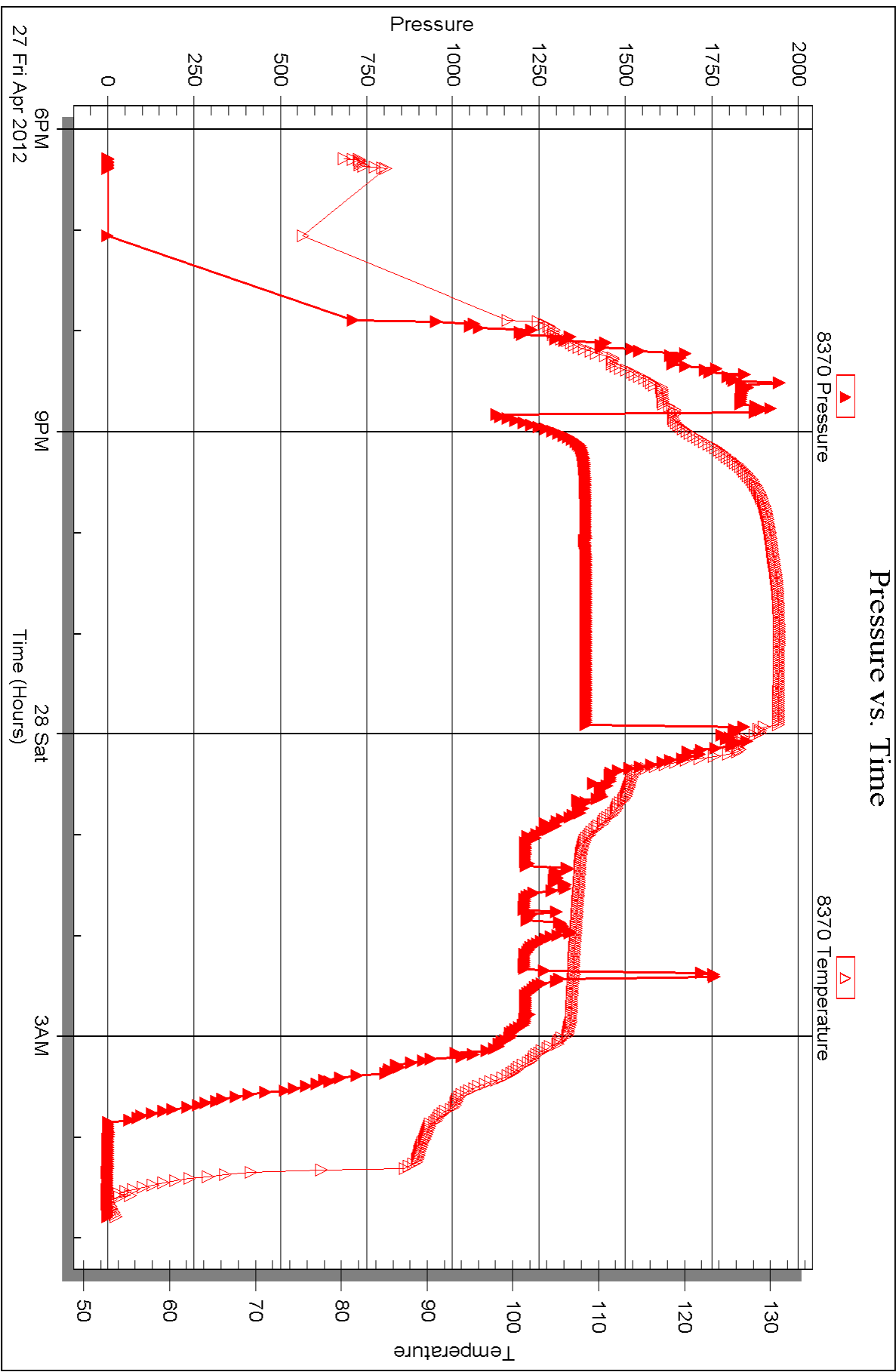
Serial #: 8370

Inside

Rupe Oil Co. Inc.

Surgeon #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co. Inc.**

PO Box 783010
Wichita KS 67207

ATTN: Larry Friend

Sturgeon #1

20-26s-18w Edwards,KS

Start Date: 2012.04.28 @ 20:59:02

End Date: 2012.04.29 @ 04:35:02

Job Ticket #: 45799 DST #: 2

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

Printed: 2012.05.03 @ 15:44:18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45799

DST#: 2

ATTN: Larry Friend

Test Start: 2012.04.28 @ 20:59:02

GENERAL INFORMATION:

Formation: **Lans**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:10:02

Time Test Ended: 04:35:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4145.00 ft (KB) To 4166.00 ft (KB) (TVD)

Reference Elevations: 2204.00 ft (KB)

Total Depth: 4166.00 ft (KB) (TVD)

2193.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 15.28 psig @ 4146.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.28

End Date:

2012.04.29

Last Calib.:

2012.04.29

Start Time: 20:59:07

End Time:

04:35:01

Time On Btm:

2012.04.28 @ 23:08:17

Time Off Btm:

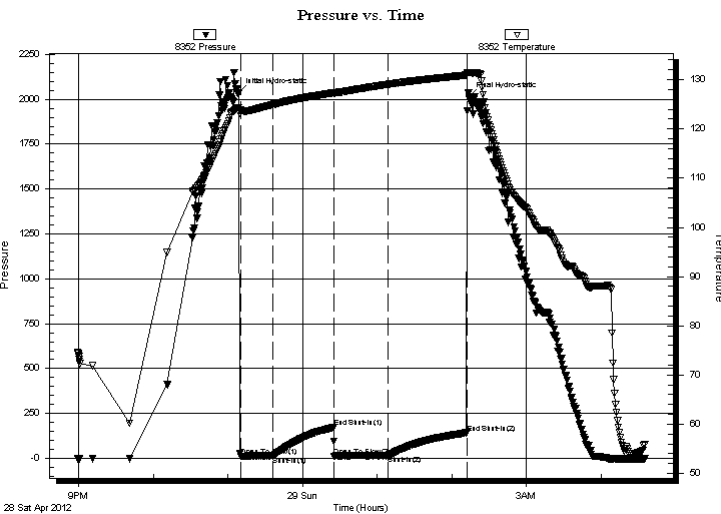
2012.04.29 @ 02:13:47

TEST COMMENT: IF:Weak to fair blow . Increase to 6".

IS:No blow .

FF:Fair blow . 2 1/2 - 6".

FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.37	124.30	Initial Hydro-static
2	12.27	123.79	Open To Flow (1)
28	13.72	124.95	Shut-In(1)
77	173.00	127.33	End Shut-In(1)
78	12.96	127.27	Open To Flow (2)
121	15.28	129.05	Shut-In(2)
184	142.47	130.92	End Shut-In(2)
186	2016.06	131.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	85 ft.of GIP	0.00
8.00	Drig.mud	0.11

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45799

DST#: 2

ATTN: Larry Friend

Test Start: 2012.04.28 @ 20:59:02

Tool Information

Drill Pipe:	Length: 4135.00 ft	Diameter: 3.80 inches	Volume: 58.00 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4145.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4123.00	
Shut in tool	5.00			4128.00	
HMV	5.00			4133.00	
Safety Joint	3.00			4136.00	
Packer	4.00			4140.00	23.00 Bottom Of Top Packer
Packer	5.00			4145.00	
Stubb	1.00			4146.00	
Recorder	0.00	8370	Inside	4146.00	
Recorder	0.00	8352	Outside	4146.00	
Perforations	15.00			4161.00	
Bullnose	5.00			4166.00	21.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45799

DST#: 2

ATTN: Larry Friend

Test Start: 2012.04.28 @ 20:59:02

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:

7000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	85 ft.of GIP	0.000
8.00	Drig.mud	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

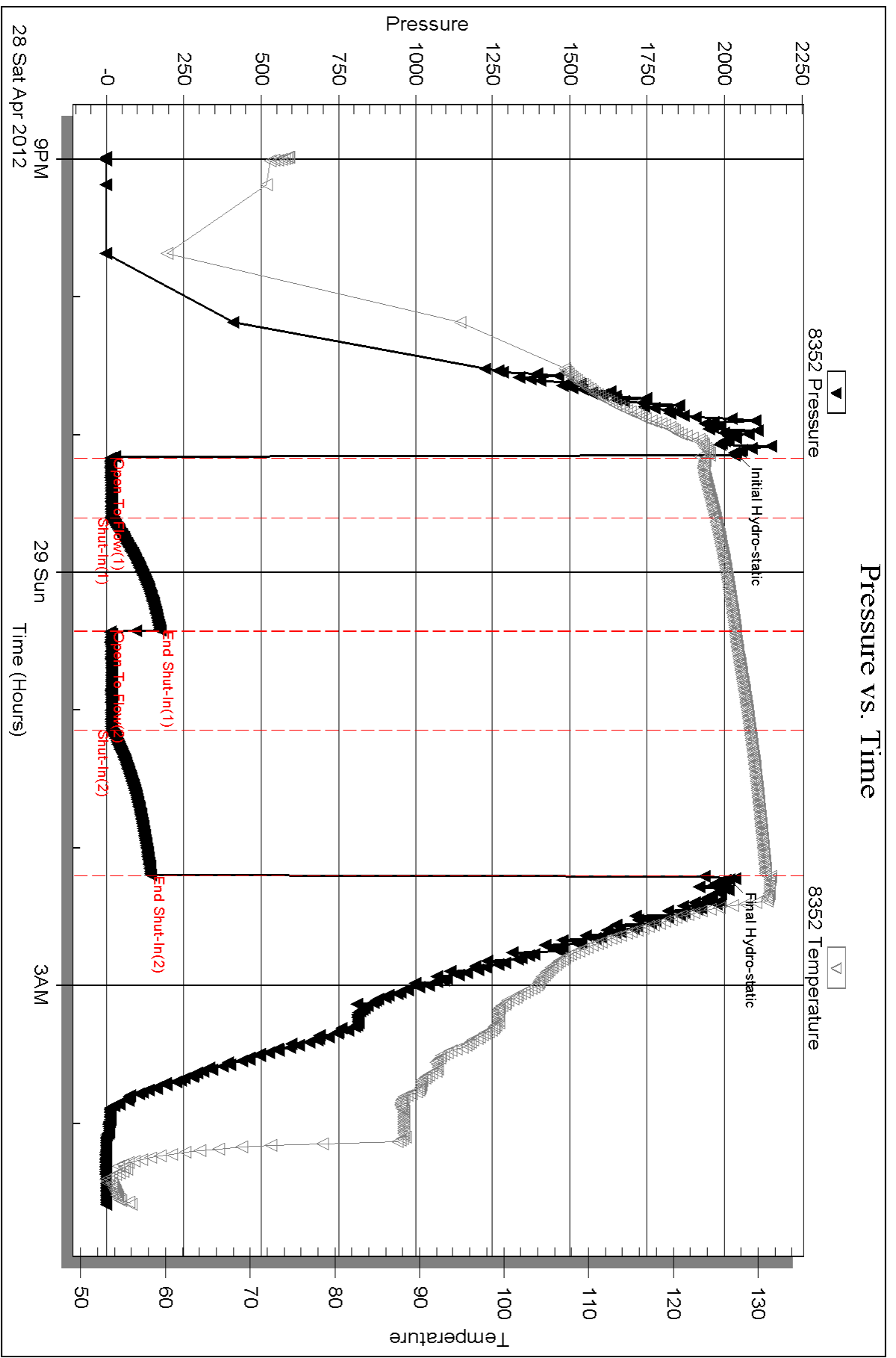
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



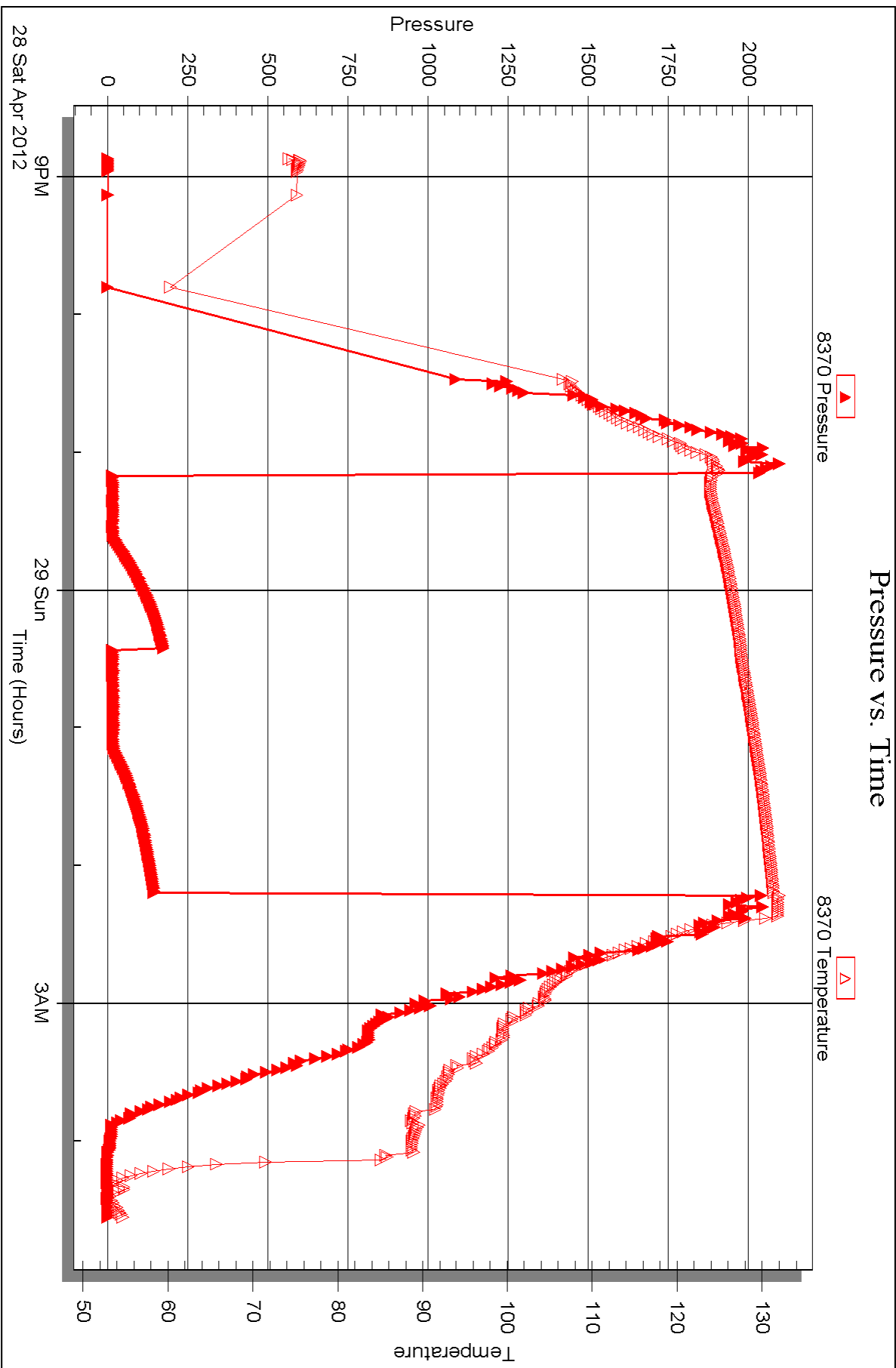
Serial #: 8370

Inside

Rupe Oil Co. Inc.

Surgeon #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 45799

Printed: 2012.05.03 @ 15:44:21



DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co. Inc.**

PO Box 783010
Wichita KS 67207

ATTN: Larry Friend

Sturgeon #1

20-26s-18w Edwards,KS

Start Date: 2012.04.29 @ 15:20:46

End Date: 2012.04.29 @ 23:23:46

Job Ticket #: 45800 DST #: 3

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

Printed: 2012.05.03 @ 15:43:38



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45800

DST#: 3

ATTN: Larry Friend

Test Start: 2012.04.29 @ 15:20:46

GENERAL INFORMATION:

Formation: **Lans. C - D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:28:31

Time Test Ended: 23:23:46

Test Type: Conventional Straddle (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4176.00 ft (KB) To 4217.00 ft (KB) (TVD)

Reference Elevations: 2204.00 ft (KB)

Total Depth: 4256.00 ft (KB) (TVD)

2193.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8370 Inside

Press @ Run Depth: 58.39 psig @ 4177.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.29

End Date:

2012.04.29

Last Calib.:

2012.04.29

Start Time: 15:20:51

End Time:

23:23:45

Time On Btm:

2012.04.29 @ 17:26:46

Time Off Btm:

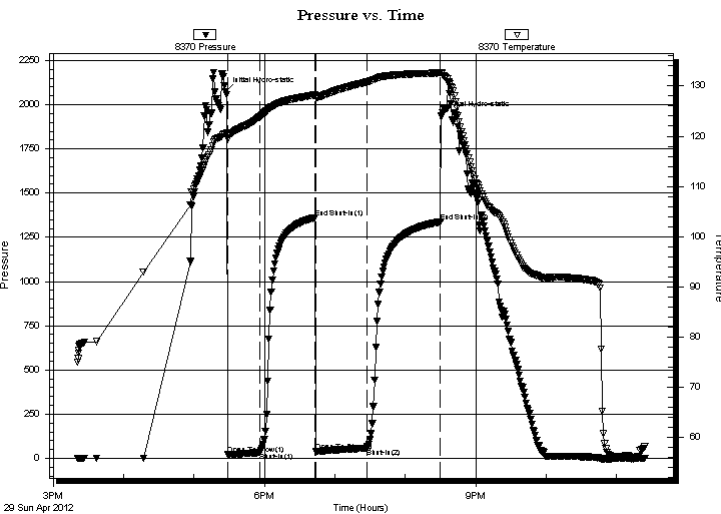
2012.04.29 @ 20:31:01

TEST COMMENT: IF: Fair to strong blow . B.O.B.in 30 mins.

IS: No blow .

FF: Weak to fair blow . Increase to 9".

FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.82	120.57	Initial Hydro-static
2	21.67	119.40	Open To Flow (1)
29	33.29	123.82	Shut-In(1)
77	1361.54	128.21	End Shut-In(1)
77	37.24	127.74	Open To Flow (2)
121	58.39	130.79	Shut-In(2)
183	1337.72	132.63	End Shut-In(2)
185	1937.84	132.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	90 ft.of GIP	0.00
155.00	OCMW 6%o 18%m 76%w	2.17

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45800

DST#: 3

ATTN: Larry Friend

Test Start: 2012.04.29 @ 15:20:46

Tool Information

Drill Pipe:	Length: 4164.00 ft	Diameter: 3.80 inches	Volume: 58.41 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 58.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4176.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	4217.00 ft			
Interval between Packers:	41.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			4154.00	
Shut in tool	5.00			4159.00	
HMV	5.00			4164.00	
Safety Joint	3.00			4167.00	
Packer	4.00			4171.00	23.00 Bottom Of Top Packer
Packer	5.00			4176.00	
Stubb	1.00			4177.00	
Recorder	0.00	8370	Inside	4177.00	
Recorder	0.00	8166	Outside	4177.00	
Perforations	3.00			4180.00	
Blank Spacing	31.00			4211.00	
Perforations	2.00			4213.00	
Blank Off Sub	1.00			4214.00	
Travel Collar	3.00			4217.00	41.00 Tool Interval
Packer	0.00			4217.00	
Stubb	1.00			4218.00	
Recorder	0.00	8352	Below	4218.00	
Blank Spacing	31.00			4249.00	
Perforations	2.00			4251.00	
Bullnose	5.00			4256.00	39.00 Bottom Packers & Anchor

Total Tool Length: 103.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 45800

DST#: 3

ATTN: Larry Friend

Test Start: 2012.04.29 @ 15:20:46

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:

84000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	90 ft.of GIP	0.000
155.00	OCMW 6%o 18%m 76%w	2.174

Total Length: 155.00 ft Total Volume: 2.174 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .14ohms @48 deg

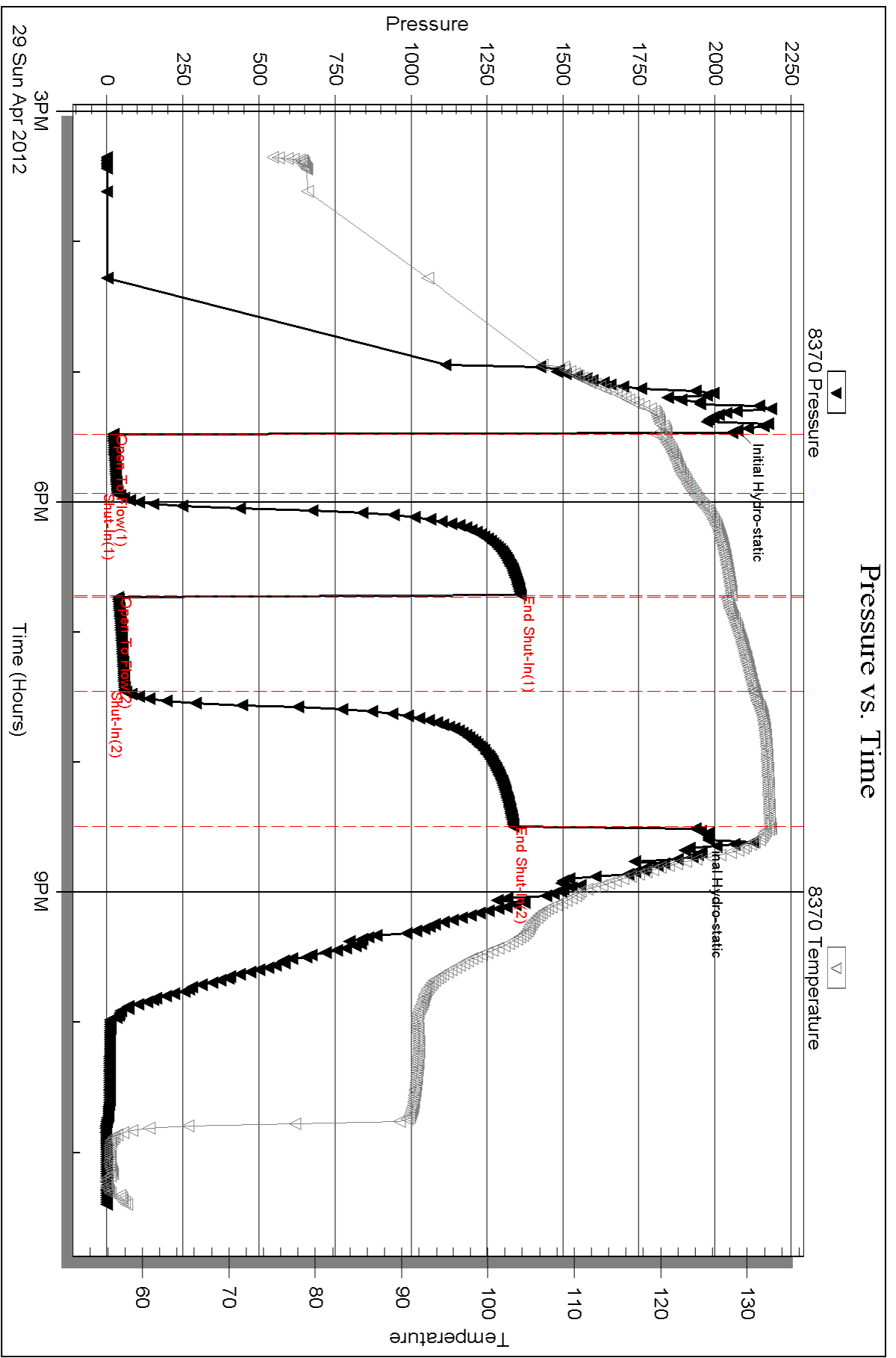
Serial #: 8370

Inside

Rupe Oil Co. Inc.

Surgeon #1

DST Test Number: 3

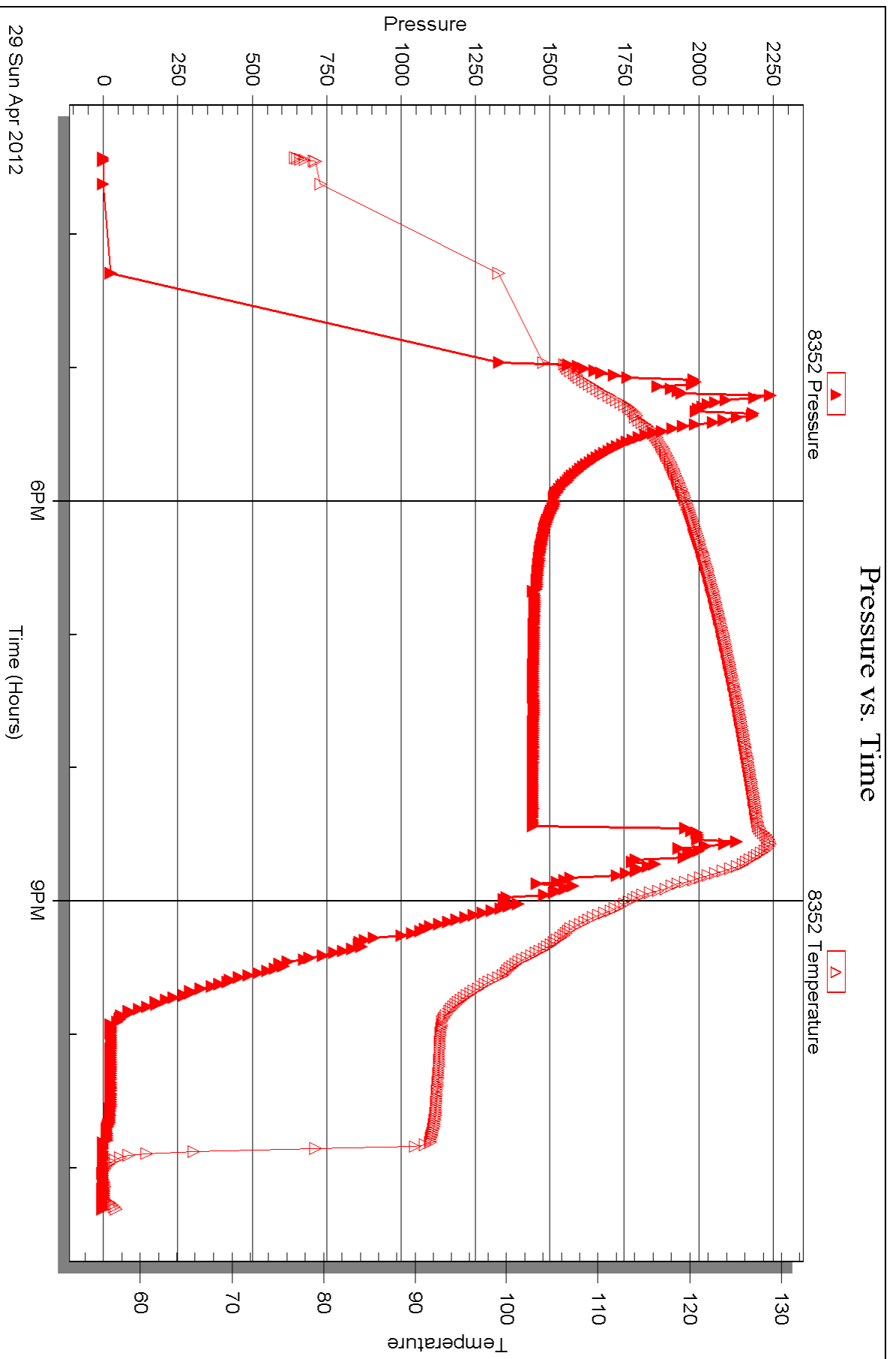


Serial #: 8352

Below (Str-Rupture) Pl Co. Inc.

Surgeon #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 45800

Printed: 2012.05.03 @ 15:43:40



DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co. Inc.**

PO Box 783010
Wichita KS 67207

ATTN: Larry Friend

Sturgeon #1

20-26s-18w Edwards,KS

Start Date: 2012.04.30 @ 23:23:45

End Date: 2012.05.01 @ 06:18:00

Job Ticket #: 47526 DST #: 4

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

Printed: 2012.05.03 @ 15:42:45



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 47526

DST#: 4

ATTN: Larry Friend

Test Start: 2012.04.30 @ 23:23:45

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:30:00

Time Test Ended: 06:18:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4644.00 ft (KB) To 4682.00 ft (KB) (TVD)

Reference Elevations: 2204.00 ft (KB)

Total Depth: 4682.00 ft (KB) (TVD)

2193.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 15.67 psig @ 4645.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.30

End Date: 2012.05.01

Last Calib.: 2012.05.01

Start Time: 23:23:50

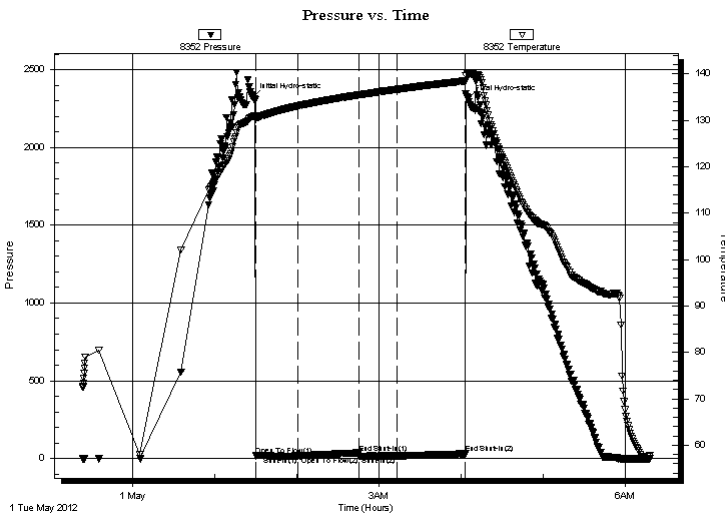
End Time: 06:17:59

Time On Btm: 2012.05.01 @ 01:28:00

Time Off Btm: 2012.05.01 @ 04:05:15

TEST COMMENT: IF:Weak blow . 1/2".
IS:No blow .
FF:Weak blow . (surface) Dead in 10 mins.
FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2321.84	130.80	Initial Hydro-static
2	17.49	130.23	Open To Flow (1)
33	17.07	133.09	Shut-In(1)
78	35.99	135.46	End Shut-In(1)
78	12.68	135.46	Open To Flow (2)
105	15.67	136.65	Shut-In(2)
156	30.59	138.49	End Shut-In(2)
158	2311.99	140.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig.mud	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 47526

DST#: 4

ATTN: Larry Friend

Test Start: 2012.04.30 @ 23:23:45

Tool Information

Drill Pipe:	Length: 4632.00 ft	Diameter: 3.80 inches	Volume: 64.97 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 64.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4644.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			4617.00	
Shut in tool	5.00			4622.00	
HMV	5.00			4627.00	
Jars	5.00			4632.00	
Safety Joint	3.00			4635.00	
Packer	4.00			4639.00	28.00 Bottom Of Top Packer
Packer	5.00			4644.00	
Stubb	1.00			4645.00	
Recorder	0.00	8370	Inside	4645.00	
Recorder	0.00	8352	Outside	4645.00	
Perforations	32.00			4677.00	
Bullnose	5.00			4682.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 47526

DST#: 4

ATTN: Larry Friend

Test Start: 2012.04.30 @ 23:23:45

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:

12500 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 12500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig.mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

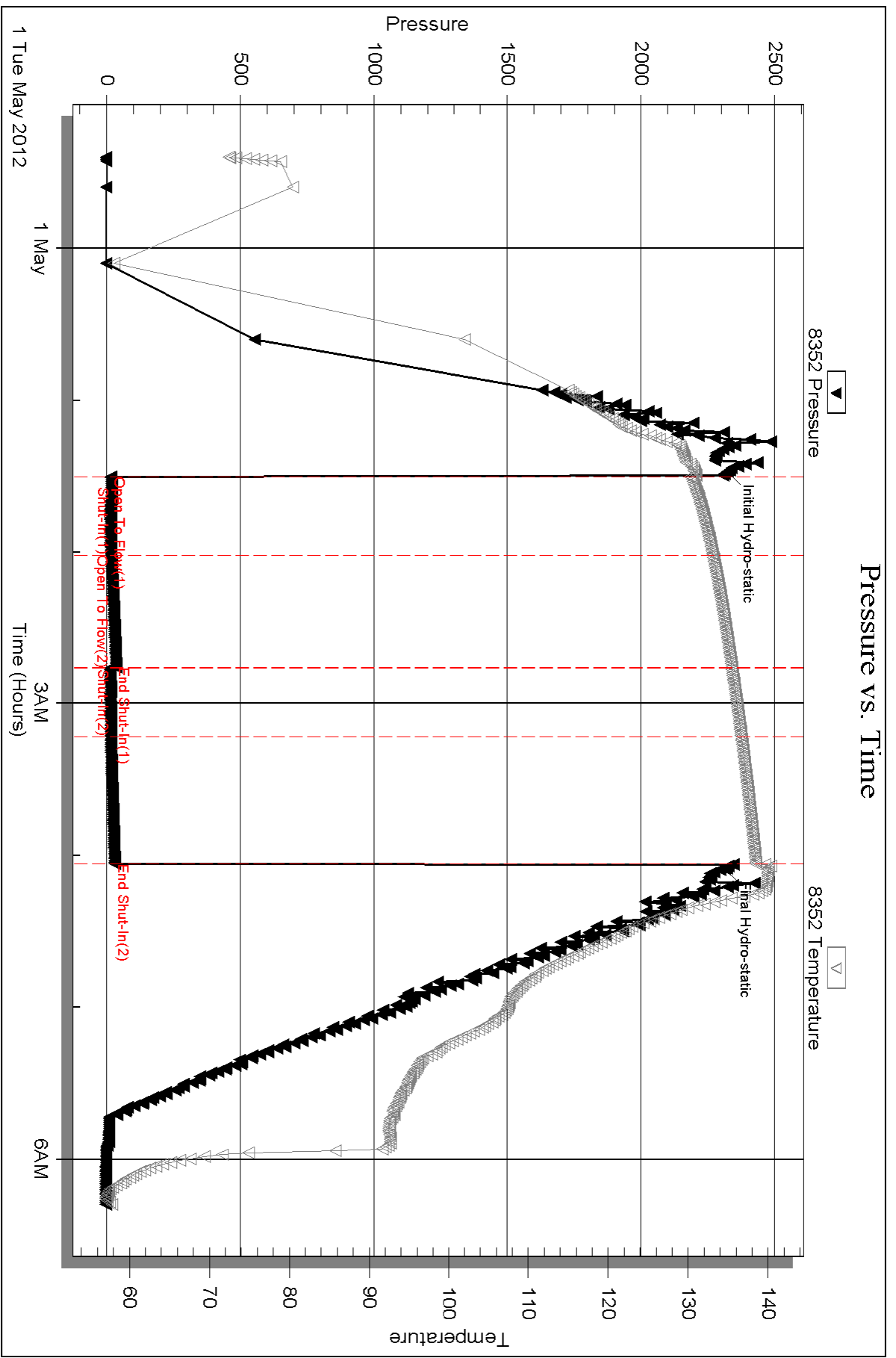
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



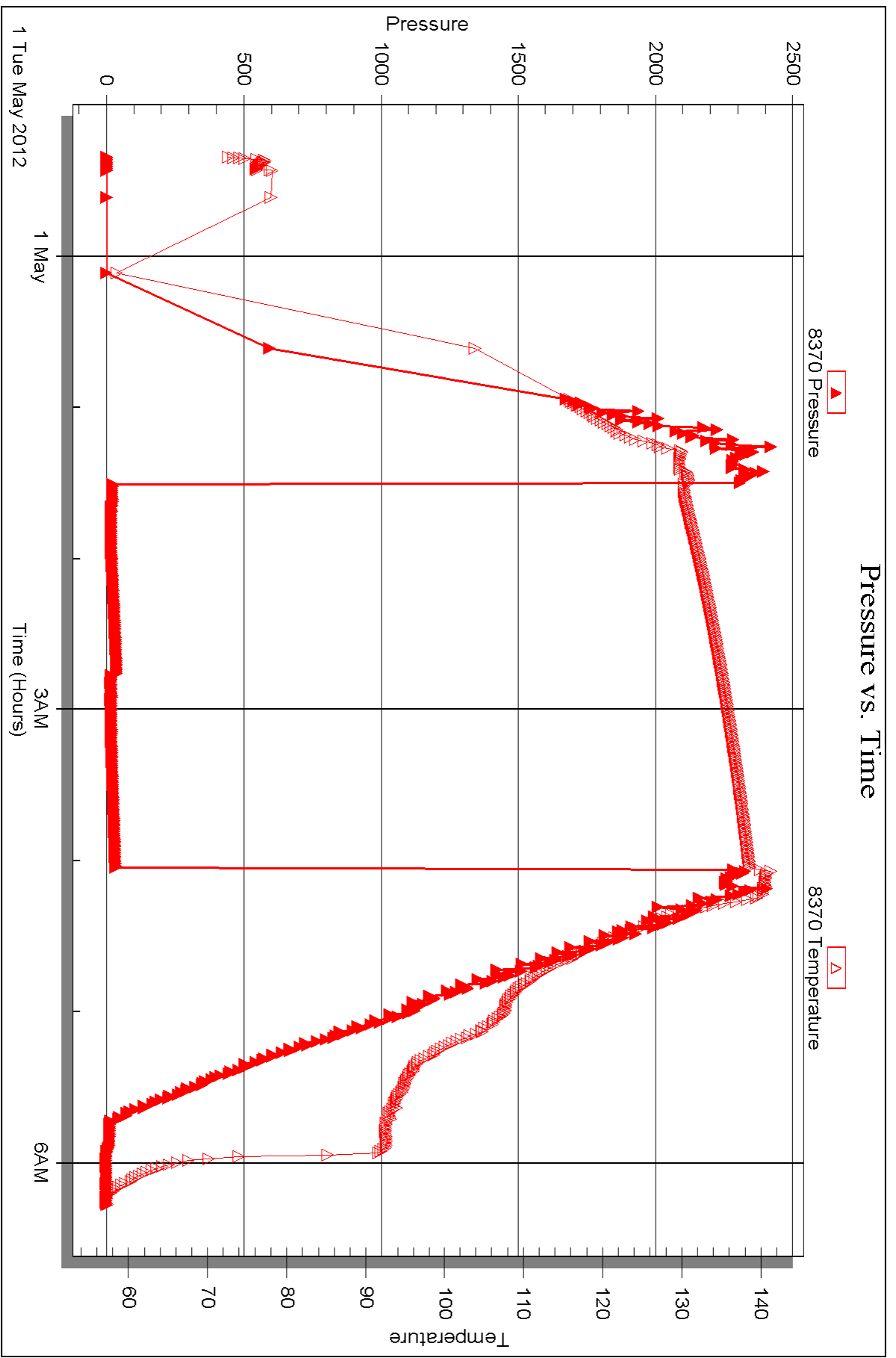
Serial #: 8370

Inside

Rupe Oil Co. Inc.

Surgeon #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co. Inc.**

PO Box 783010
Wichita KS 67207

ATTN: Larry Friend

Sturgeon #1

20-26s-18w Edwards,KS

Start Date: 2012.05.01 @ 16:10:00

End Date: 2012.05.02 @ 00:06:00

Job Ticket #: 47527 DST #: 5

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

Printed: 2012.05.03 @ 15:42:07

Rupe Oil Co. Inc. 20-26s-18w Edwards,KS Sturgeon #1 DST # 5 Miss. 2012.05.01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 47527

DST#: 5

ATTN: Larry Friend

Test Start: 2012.05.01 @ 16:10:00

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:25:15

Time Test Ended: 00:06:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4644.00 ft (KB) To 4718.00 ft (KB) (TVD)

Reference Elevations: 2204.00 ft (KB)

Total Depth: 4718.00 ft (KB) (TVD)

2193.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 21.31 psig @ 4645.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.01

End Date:

2012.05.02

Last Calib.:

2012.05.02

Start Time: 16:10:05

End Time:

00:05:59

Time On Btm:

2012.05.01 @ 18:22:45

Time Off Btm:

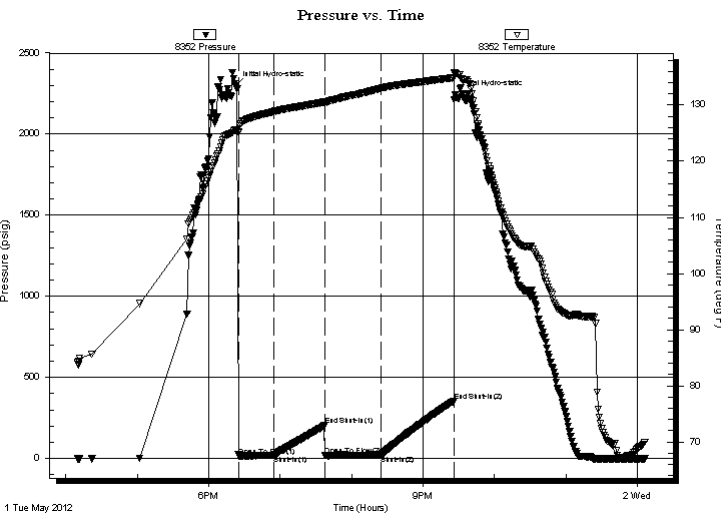
2012.05.01 @ 21:27:00

TEST COMMENT: IF: Fair blow . Increase to 12".

IS: No blow .

FF: Fair blow . 3 - 13".

FF: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2298.37	125.57	Initial Hydro-static
3	16.16	125.22	Open To Flow (1)
32	20.43	128.82	Shut-In(1)
75	202.38	130.54	End Shut-In(1)
75	18.03	130.44	Open To Flow (2)
123	21.31	133.00	Shut-In(2)
183	354.21	134.87	End Shut-In(2)
185	2241.49	135.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	175 ft.of GIP	0.00
10.00	Drig.mud	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 47527

DST#: 5

ATTN: Larry Friend

Test Start: 2012.05.01 @ 16:10:00

Tool Information

Drill Pipe:	Length: 4634.00 ft	Diameter: 3.80 inches	Volume: 65.00 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 67000.00 lb
			<u>Total Volume: 65.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4644.00 ft			Final 60500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			4617.00	
Shut in tool	5.00			4622.00	
HMV	5.00			4627.00	
Jars	5.00			4632.00	
Safety Joint	3.00			4635.00	
Packer	4.00			4639.00	28.00 Bottom Of Top Packer
Packer	5.00			4644.00	
Stubb	1.00			4645.00	
Recorder	0.00	8370	Inside	4645.00	
Recorder	0.00	8352	Outside	4645.00	
Perforations	5.00			4650.00	
Blank Spacing	63.00			4713.00	
Bullnose	5.00			4718.00	74.00 Bottom Packers & Anchor

Total Tool Length: 102.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co. Inc.

20-26s-18w Edwards,KS

PO Box 783010
Wichita KS 67207

Sturgeon #1

Job Ticket: 47527

DST#: 5

ATTN: Larry Friend

Test Start: 2012.05.01 @ 16:10:00

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:

10500 ppm

Viscosity: 76.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	175 ft.of GIP	0.000
10.00	Drig.mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

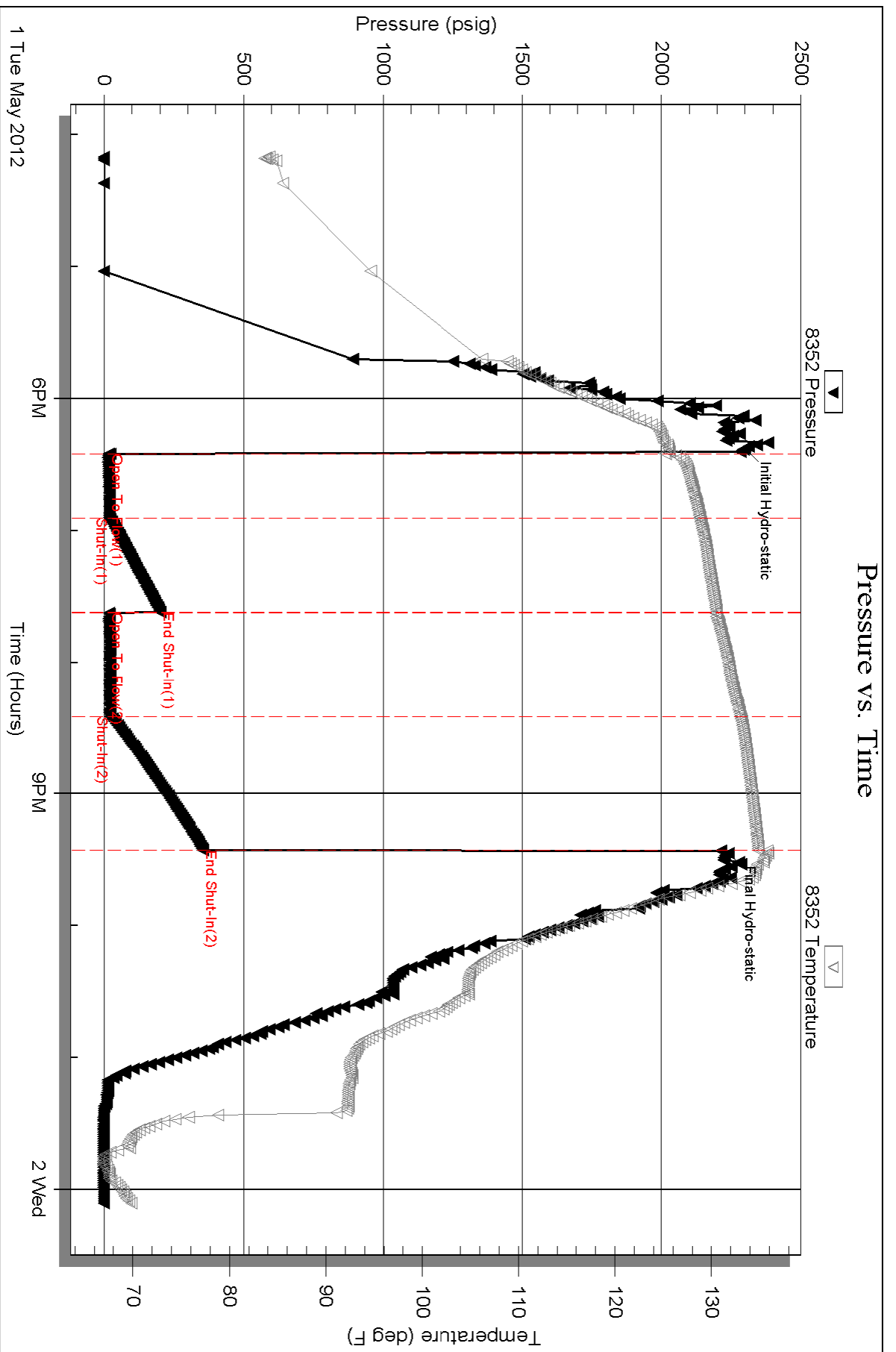
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



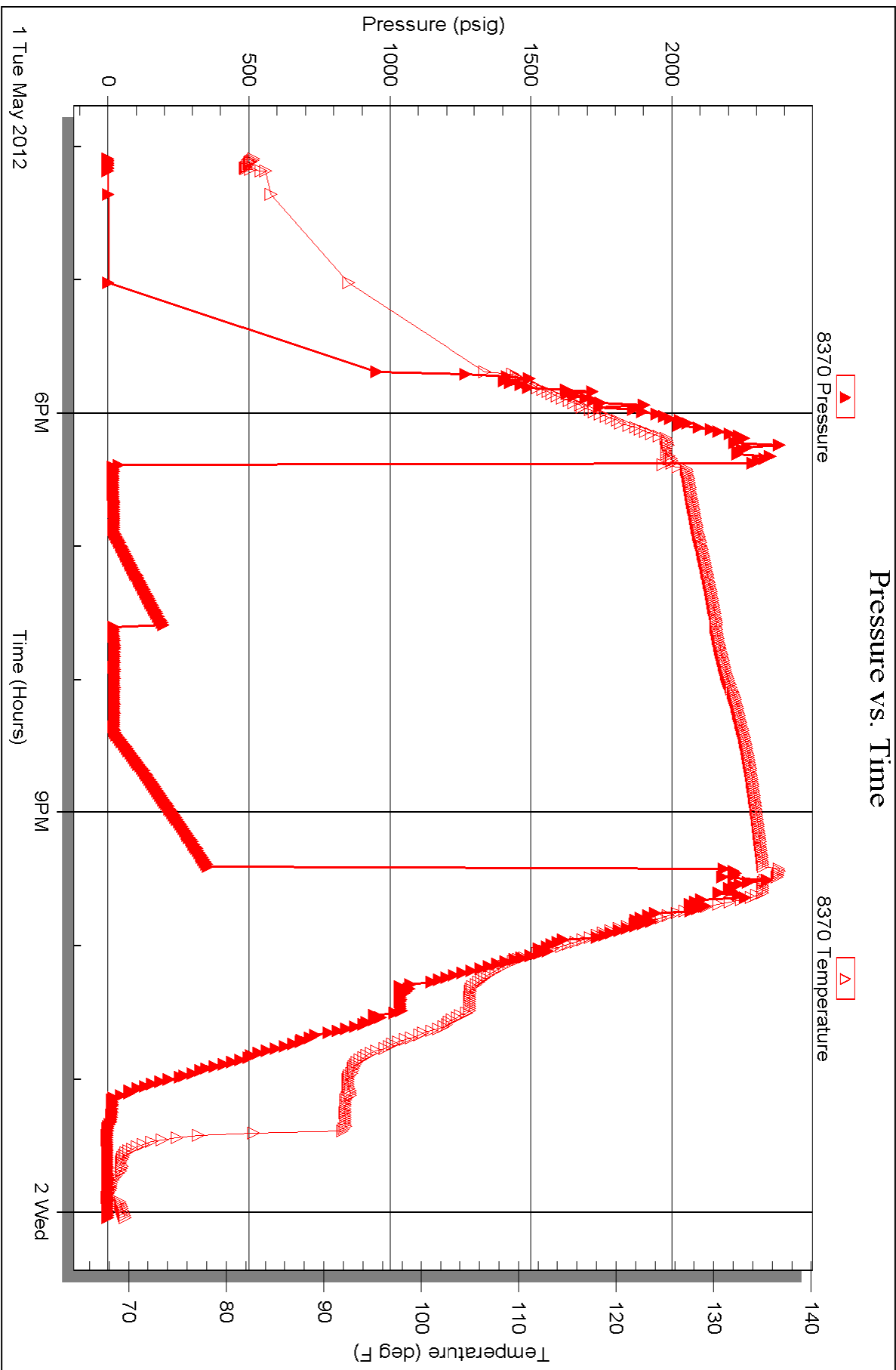
Serial #: 8370

Inside

Rupe Oil Co. Inc.

Surgeon #1

DST Test Number: 5





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

BY: _____

NO. 45798

Well Name & No. STURGEON #1 Test No. 1 Date 4-27-12
 Company RUPE OIL CO. INC. Elevation 2204 KB 2193 GL
 Address 111 WHITTIER # 1,000, P.O. BOX 783010, WICHITA KS. 67207
 Co. Rep / Geo. LARRY FRIEND Rig VAL ENERGY #5
 Location: Sec. 20 Twp. 26^S Rge. 18^W Co. EDWARDS State KS.

Interval Tested 3830 - 3875' Zone Tested TOPEKA
 Anchor Length 45' Drill Pipe Run 3824' Mud Wt. 9.2
 Top Packer Depth 3825' Drill Collars Run 0 Vis 48
 Bottom Packer Depth 3830' Wt. Pipe Run 0 WL 10.0cc
 Total Depth 3875' Chlorides 7,000 ppm System LCM 2#

Blow Description IF: Strong blow. B.O.B. in 10 sec. ISI: Walk to gain blow. 1-4 1/2"
FF: Strong blow. B.O.B. in 6 1/2 mins. FSE: GTS in 40 mins.
TSTM. FSE: Strong blow. B.O.B.

Rec	Feet of	%gas	%oil	%water	%mud
250	GM & OCW	26	24	26	24
315	GM & OCW	25	28	36	11
435	GM & OCW	26	14	75	5
500	50' GCW	5	3	92	
1550	SW / no speed.				

Rec Total 3050' BHT 130° Gravity N/A API RW .09 @ 56° F Chlorides 109,000 ppm

(A) Initial Hydrostatic <u>1881</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1700</u>
(B) First Initial Flow <u>1119</u>	<input type="checkbox"/> Jars	T-Started <u>1821</u>
(C) First Final Flow <u>1379</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>2050</u>
(D) Initial Shut-In <u>1383</u>	<input checked="" type="checkbox"/> Circ Sub <u>50'</u>	T-Pulled <u>2353</u>
(E) Second Initial Flow <u>1379</u>	<input checked="" type="checkbox"/> Hourly Standby <u>23/4hr 275'</u>	T-Out <u>6450</u>
(F) Second Final Flow <u>1384</u>	<input checked="" type="checkbox"/> Mileage <u>94.5 145.70</u>	Comments _____
(G) Final Shut-In <u>1385</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1815</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1695.70

MP/DST Disc't _____

Approved By Larry Friend Our Representative Cory P. Watson
 Trilobite Testing Inc. shall not be liable for damaged or destroyed 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

NO. 45799

Well Name & No. STURGEON #1 Test No. 2 Date 4-28-12
 Company ROPE OIL CO. INC. Elevation 2204 KB 2193 GL
 Address 111 WHITTIER #1,000, P.O. Box 78300, WICHITA KS. 67207
 Co. Rep / Geo. LARRY FRIEND Rig VAL ENERGY #5
 Location: Sec. 20 Twp. 26S Rge. 18W Co. EDWARDS State Ks.

Interval Tested 4145 - 4166' Zone Tested LANS
 Anchor Length 21' Drill Pipe Run 4135' Mud Wt. 9.2
 Top Packer Depth 4140' Drill Collars Run 0 Vis 54
 Bottom Packer Depth (SHALE) 4145' Wt. Pipe Run 0 WL 8.0cc
 Total Depth 4166' Chlorides 7,000 ppm System LCM 2#
 Blow Description IF: Went to fair blow. Increase to 6".
IST: No blow.
FF: Fair blow. 2 1/2 - 6". FST: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>85</u>	<u>Gas in pipe</u>				
<u>8</u>	<u>Deg. Mud</u>				

Rec Total 8 Fluid BHT 131° Gravity N/A API RW N.C. @ — °F Chlorides 7,000 ppm

(A) Initial Hydrostatic <u>2037</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>2043</u>
(B) First Initial Flow <u>12</u>	<input type="checkbox"/> Jars	T-Started <u>2059</u>
(C) First Final Flow <u>14</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>2310</u>
(D) Initial Shut-In <u>173</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0215</u>
(E) Second Initial Flow <u>13</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0435</u>
(F) Second Final Flow <u>15</u>	<input checked="" type="checkbox"/> Mileage <u>(947) 146.70</u>	Comments
(G) Final Shut-In <u>142</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2016</u>	<input type="checkbox"/> Straddle	
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1720.70</u>
Final Flow <u>45</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
Final Shut-In <u>60</u>	Sub Total <u>1720.70</u>	

Approved By Larry Friend Our Representative [Signature]
 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

NO. 45800

Well Name & No. STURGEON #1 Test No. 3 Date 4-29-12
 Company RUPP OIL CO. INC. Elevation 7204 KB 2193 GL
 Address 111 WHITIER #1000, P.O. Box 783010, WICHITA KS. 67207
 Co. Rep / Geo. LARRY FRIEND Rig VAL ENERGY FFS
 Location: Sec. 20 Twp. 26S Rge. 18W Co. EDWARDS State KS.

Interval Tested 4176 ~ 4217' Zone Tested LANS. C-D
 Anchor Length 41' Drill Pipe Run 4164' Mud Wt. 9.2
 Top Packer Depth 4171 & 4176' Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4217' Wt. Pipe Run 0 WL 10.8 cc
 Total Depth 4256' Chlorides 11,700 ppm System LCM 2#

Blow Description IF: Fair to strong blow. B.O.B. in 30 mins. FSI. No blow.

FF: Weak to fair blow. Increase to 9". FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>Gas in pipe</u>				
<u>135</u>	<u>OCMW</u>	<u>6</u>	<u>76</u>	<u>18</u>	

Rec Total 155 Fluid BHT Gravity N/A API RW .14 @ 48 °F Chlorides 84,000 ppm
 (A) Initial Hydrostatic 2073 Test 1250 T-On Location 1500
 (B) First Initial Flow 22 Jars T-Started 1520
 (C) First Final Flow 33 Safety Joint 75' T-Open 1728
 (D) Initial Shut-In 1362 Circ Sub T-Pulled 2030
 (E) Second Initial Flow 37 Hourly Standby T-Out 2323
 (F) Second Final Flow 58 Mileage (94) 145.70 Comments _____
 (G) Final Shut-In 1338 Sampler _____
 (H) Final Hydrostatic 1938 Straddle 600' Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Sub Total 2070.70 Sub Total 2070.70 MP/DST Disc't _____

Approved By Larry Friend

Our Representative Craig Dunaway

Trilobite Testing Inc. shall not be liable for damaged or 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

Test Ticket

NO. 47526

Well Name & No. STURBSON #1 Test No. 4 Date 4-30-12
 Company RUDE OIL CO. INC Elevation 2204 KB 2193 GL
 Address 111 WHITEH #1,000, P.O. Box 783010, WICHITA Ks. 67207
 Co. Rep / Geo. LARRY FRIEND Rig VAE ENERGY
 Location: Sec. 20 Twp. 26S Rge. 18W Co. EDWARDS State Ks.

Interval Tested 4644 - 4682' Zone Tested CHEROKEE SD
 Anchor Length 38' Drill Pipe Run 4632' Mud Wt. 9.2
 Top Packer Depth 4639' Drill Collars Run 0 Vis 58
 Bottom Packer Depth 4644' Wt. Pipe Run 0 WL 10.8 cc
 Total Depth 4682' Chlorides 12,500 ppm System LCM 3 #
 Blow Description IF: Weak blow. 1/2". ISI: No blow.

FF: Weak blow. (surface) Dead in 10 mins. FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>S</u>	<u>Drilg Mud.</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 Sealed BHT 138° Gravity N/A API RW N.C. @ — °F Chlorides 12,500 ppm
 (A) Initial Hydrostatic 2322 Test 1250' T-On Location 2300
 (B) First Initial Flow 17 Jars 250' T-Started 2323
 (C) First Final Flow 17 Safety Joint 75' T-Open 0130
 (D) Initial Shut-In 36 Circ Sub _____ T-Pulled 0403
 (E) Second Initial Flow 13 Hourly Standby _____ T-Out 0618
 (F) Second Final Flow 16 Mileage 94 145.70 Comments _____
 (G) Final Shut-In 31 Sampler _____
 (H) Final Hydrostatic 2312 Straddle _____
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1720.70 MP/DST Disc'l _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45

Approved By Larry Friend Our Representative Conroy
 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 03 2012

BY: _____

Test Ticket

NO. 47527

Well Name & No. STURGEON #1 Test No. 5 Date 5-1-12
 Company Rope Drill Co. Inc. Elevation 2204 KB 2193 GL
 Address Wichita Ks. 67207
 Co. Rep / Geo. LARRY FRIEND Rig VAL ENERGY #5
 Location: Sec. 20 Twp. 26^S Rge. 18^W Co. EDWARDS State Ks.

Interval Tested 4644 - 4718' Zone Tested MISS.
 Anchor Length 74' Drill Pipe Run 4634' Mud Wt. 9.2
 Top Packer Depth 4639' Drill Collars Run 0 Vis 76
 Bottom Packer Depth 4644' Wt. Pipe Run 0 WL 12.0cc
 Total Depth 4718' Chlorides 10,500 ppm System LCM 2th
 Blow Description IF: Fair blow. Increase to 12". FSI: No blow.

FF: Fair blow. 3-13". FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>175</u>	<u>Gas in pipe</u>				
<u>10</u>	<u>Dily. Mud.</u>				

Rec Total 10 Fluid BHT 133° Gravity N/A API RW N.C. @ ° F Chlorides 10,500 ppm
 (A) Initial Hydrostatic 2298 Test 1250' T-On Location 1550
 (B) First Initial Flow 16 Jars 250' T-Started 1610
 (C) First Final Flow 20 Safety Joint 75' T-Open 1825
 (D) Initial Shut-In 202 Circ Sub _____ T-Pulled 2121
 (E) Second Initial Flow 18 Hourly Standby _____ T-Out 0006
 (F) Second Final Flow 21 Mileage (945) 145.70 Comments _____
 (G) Final Shut-In 354 Sampler _____
 (H) Final Hydrostatic 2241 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1720.70
 Sub Total 1720.70
 Total 1720.70
 MP/DST Disc't _____

Approved By _____ Our Representative Cory Twotango
 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.

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/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 06, 2012

Becky Middleton
Rupe Oil Company, Inc.
111 WHITTIER # 1000
PO BOX 783010
WICHITA, KS 67207-1045

Re: ACO1
API 15-047-21604-00-00
Sturgeon 1
SW/4 Sec.20-26S-18W
Edwards County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Becky Middleton

ALLIED OIL & GAS SERVICES, LLC 054097

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge KS

DATE <u>04/24/2012</u>	SEC. <u>20</u>	TWP. <u>26S</u>	RANGE <u>18W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>3:45 PM</u>
LEASE <u>Sturgeon</u>		WELL# <u>1</u>		LOCATION <u>Greensburg KS, west to 183, North to W Rd, East 1/4 mile, North into</u>		COUNTY <u>Edwards</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR <u>Val #5</u>	OWNER <u>Rupe Oil Co</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>315</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>309</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>500</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15</u>	
PERFS.	
DISPLACEMENT <u>18 1/2</u>	

CEMENT			
AMOUNT ORDERED	<u>200</u> sx	<u>60:40:2%</u> Gelft	
		<u>3%</u> cc	
COMMON	<u>120</u>	@ <u>16.25</u>	<u>1950.00</u>
POZMIX	<u>80</u>	@ <u>8.50</u>	<u>680.00</u>
GEL	<u>3</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@ <u>58.20</u>	<u>349.20</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>209</u>	@ <u>2.25</u>	<u>470.25</u>
MILEAGE	<u>209</u> x <u>75</u> x <u>.11</u>		<u>1724.25</u>
			TOTAL <u>5237.45</u>

EQUIPMENT

PUMP TRUCK # <u>360/265</u>	CEMENTER <u>Jason Thimercch</u>
	HELPER <u>Brett Goins</u>
BULK TRUCK # <u>421/250</u>	DRIVER <u>Gerrot</u>
BULK TRUCK #	DRIVER

REMARKS:

Old circ Cement

SERVICE

DEPTH OF JOB	<u>309</u>		
PUMP TRUCK CHARGE			<u>1133.55</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>75</u>	@ <u>7</u>	<u>525</u>
MANIFOLD + Head		@	<u>200</u>
<u>LV</u>	<u>75</u>	@ <u>4</u>	<u>300</u>
		@	
			TOTAL <u>2158.55</u>

CHARGE TO: Rupe Oil Co
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

⁸⁵ <u>WOOD Plug</u>	<u>1</u>	@ <u>92</u>	<u>92</u>
		@	
		@	
		@	
		@	
			TOTAL <u>92</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Randy Smith
SIGNATURE Randy Smith

SALES TAX (If Any) _____
TOTAL CHARGES 7488.00
DISCOUNT _____ IF PAID IN 30 DAYS
NET 5990.40