



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1095448

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Ward 1-31
Doc ID	1095448

All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Density/Neutron

# ALLIED OIL & GAS SERVICES, LLC 053800

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Grant Bend KS

Ward

DATE <u>9-17-12</u>	SEC. <u>31</u>	TWP. <u>18S</u>	RANGE <u>17W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30</u>	JOB FINISH <u>3:30 AM</u>
LEASE <u>Ward</u>	WELL# <u>1-31</u>	LOCATION <u>Rush Cent 4/2 KS</u>	<u>5E 1/2 S</u>	COUNTY <u>Rush</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		E INTO				1.01	6.3

CONTRACTOR Discovery Drilling Proj #4 OWNER \_\_\_\_\_

TYPE OF JOB Sur Face

HOLE SIZE 12 1/4 T.D. \_\_\_\_\_ CEMENT AMOUNT ORDERED 450 yds class A

CASING SIZE 55/64 DEPTH 1131.18

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 2.2 ft

PERFS. \_\_\_\_\_

DISPLACEMENT 70.65 bbls Freshwater

EQUIPMENT

PUMP TRUCK CEMENTER Dustin Chambers

# 366 HELPER Josh Egan

BULK TRUCK

# 346170 DRIVER Don Casper

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 450 @ 17.90 8055.00

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL 9 @ 23.40 210.60

CHLORIDE 16 @ 64.00 1024.00

ASC \_\_\_\_\_ @ \_\_\_\_\_

HANDLING 487.50 @ 2.48 1209.00

MILEAGE 22.23 x 28 x 2.60 1618.84

TOTAL 12116.24

REMARKS:

Break circulation with 1/2 mud

pump 12 bbls fresh water

mix 450 yds class A 3/16 2/4 gel

Displace 70.65 bbls freshwater

land plug 620 FT

short in

current rd. circulation

rig down

plug down 3:30 AM

CHARGE TO: Downing - Nelson Oil Co

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 2552.55

PLUG & FLOAT EQUIPMENT

1 Rubber plug @ 131.04 262.08

1 Bu Pipe Plug @ 131.04

TOTAL 262.08

SALES TAX (If Any) 601.75

TOTAL CHARGES 14,931.57

DISCOUNT 24% 3,583.57

IF PAID IN 30 DAYS

11,347.99

PRINTED NAME X

SIGNATURE X Mike Deall

Thank You!!

JOB LOG

SWIFT Services, Inc.

DATE 22 SEP 12 PAGE NO.

CUSTOMER Downing & Nelson WELL NO. WARD 1-31 LEASE \_\_\_\_\_ JOB TYPE Cement long string TICKET NO. 23292

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks SA-2 w/ 1/2" floater
								RTD 3851 set @ 3851 shoe jt 42'
								Cent 1, 3, 5, 7, 9, 12 Basket #6
								out - 11, 25, 95 95jt 5 1/2" 14" casing
	0900							on loc TRR 114
	0935							start 5 1/2" 14" casing in well
	1115							Drop ball - circulate - ROTATE
	1135	4 3/4	12				200	Pump 500 gal mud flush
		4 3/4	20				200	Pump 20 bbl KCL flush
	1145		7					Plug RH - MH <del>30 sks</del> - <del>20 sks</del>
	1150	4 3/4	35				200	Mix SA-2 cement <del>125 sk</del> @ 15.3 ppg
	1158							Drop latch down plug
								wash out pump & line
	1200	6 3/4					200	Displace plug
		6 3/4	85				850	
	1230	6 3/4	94				1500	Land plug
	1235							Release pressure to truck - dried up
								wash truck
								RACK up
	1300							Job complete
								Thanks
								Jon TJ Dave & Blaine



## DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Co. Inc**

P.O. Box 1019  
Hays KS 67601

ATTN: Al Downing

**Ward #1-31**

**31-18s-17w Rush,KS**

Start Date: 2012.09.21 @ 07:30:00

End Date: 2012.09.21 @ 13:52:30

Job Ticket #: 51001                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.25 @ 11:25:37



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Dow ning Nelson Oil Co. Inc

**31-18s-17w Rush,KS**

P.O. Box 1019  
Hays KS 67601

**Ward #1-31**

Job Ticket: 51001

**DST#: 1**

ATTN: Al Dow ning

Test Start: 2012.09.21 @ 07:30:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:10:30

Time Test Ended: 13:52:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 59

**Interval: 3702.00 ft (KB) To 3771.00 ft (KB) (TVD)**

Reference Elevations: 2002.00 ft (KB)

Total Depth: 3771.00 ft (KB) (TVD)

1997.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8319**

**Inside**

Press @ Run Depth: 478.12 psig @ 3768.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.21

End Date:

2012.09.21

Last Calib.:

2012.09.21

Start Time: 07:30:05

End Time:

13:52:29

Time On Btm:

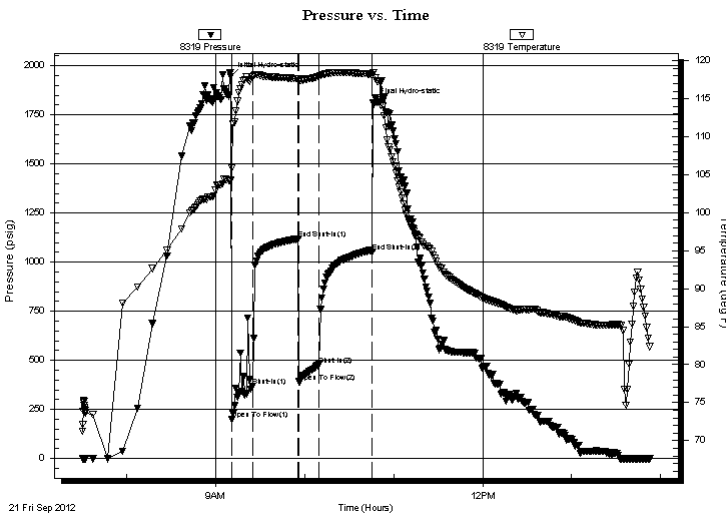
2012.09.21 @ 09:10:00

Time Off Btm:

2012.09.21 @ 10:46:00

**TEST COMMENT:** 15 - IF- B.O.B. in 1 Min.  
30 - IS- No blow back.  
15 - FF- B.O.B. in 1 Minute.  
30 - FS- No blow back.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1942.89	104.23	Initial Hydro-static
1	198.47	105.82	Open To Flow (1)
15	367.80	117.90	Shut-In(1)
46	1119.17	117.62	End Shut-In(1)
46	391.18	117.42	Open To Flow (2)
60	478.12	117.93	Shut-In(2)
96	1051.81	118.20	End Shut-In(2)
96	1809.86	118.39	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	V SOCMW, 10%O, 10%M, 80%W	0.59
248.00	GMCOW, 10%G, 10%M, 20%W, 60%O	3.48
372.00	GO, 40%G, 60%O	5.22
310.00	GV SOCM, 10%G, 10%O, 80%M	4.35
372.00	HOCM30%O, 70%M,	5.22

## Gas Rates

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

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Downing Nelson Oil Co. Inc

**31-18s-17w Rush, KS**

P.O. Box 1019  
Hays KS 67601

**Ward #1-31**

Job Ticket: 51001

**DST#: 1**

ATTN: Al Downing

Test Start: 2012.09.21 @ 07:30:00

## Tool Information

Drill Pipe:	Length: 3672.00 ft	Diameter: 3.80 inches	Volume: 51.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3702.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.00 ft			
Tool Length:	90.00 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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Change Over Sub	1.00			3682.00	
Shut In Tool	5.00			3687.00	
Hydraulic tool	5.00			3692.00	
Packer	5.00			3697.00	21.00 Bottom Of Top Packer
Packer	5.00			3702.00	
Stubb	1.00			3703.00	
Perforations	1.00			3704.00	
Change Over Sub	1.00			3705.00	
Drill Pipe	62.00			3767.00	
Change Over Sub	1.00			3768.00	
Recorder	0.00	8319	Inside	3768.00	
Recorder	0.00	8166	Outside	3768.00	
Bullnose	3.00			3771.00	69.00 Bottom Packers & Anchor

**Total Tool Length: 90.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Downing Nelson Oil Co. Inc

**31-18s-17w Rush,KS**

P.O. Box 1019  
Hays KS 67601

**Ward #1-31**

Job Ticket: 51001

**DST#: 1**

ATTN: Al Downing

Test Start: 2012.09.21 @ 07:30:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 8.79 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3000.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	VSOCMW, 10%O, 10%M, 80%W	0.587
248.00	GMCOV, 10%G, 10%M, 20%W, 60%O	3.479
372.00	GO, 40%G, 60%O	5.218
310.00	GVSOCM, 10%G, 10%O, 80%M	4.348
372.00	HOCM30%O, 70%M,	5.218

Total Length: 1364.00 ft      Total Volume: 18.850 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

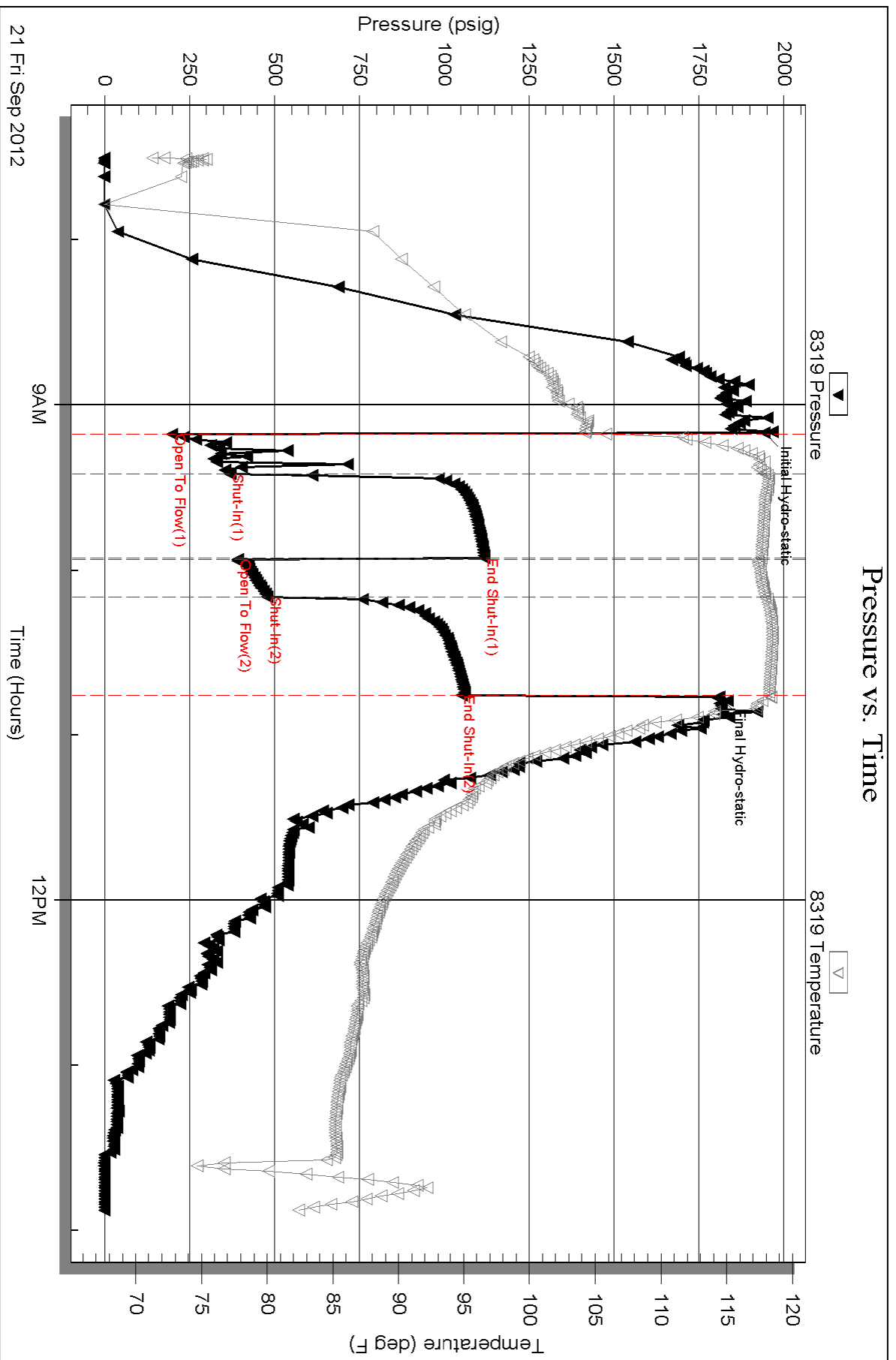
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

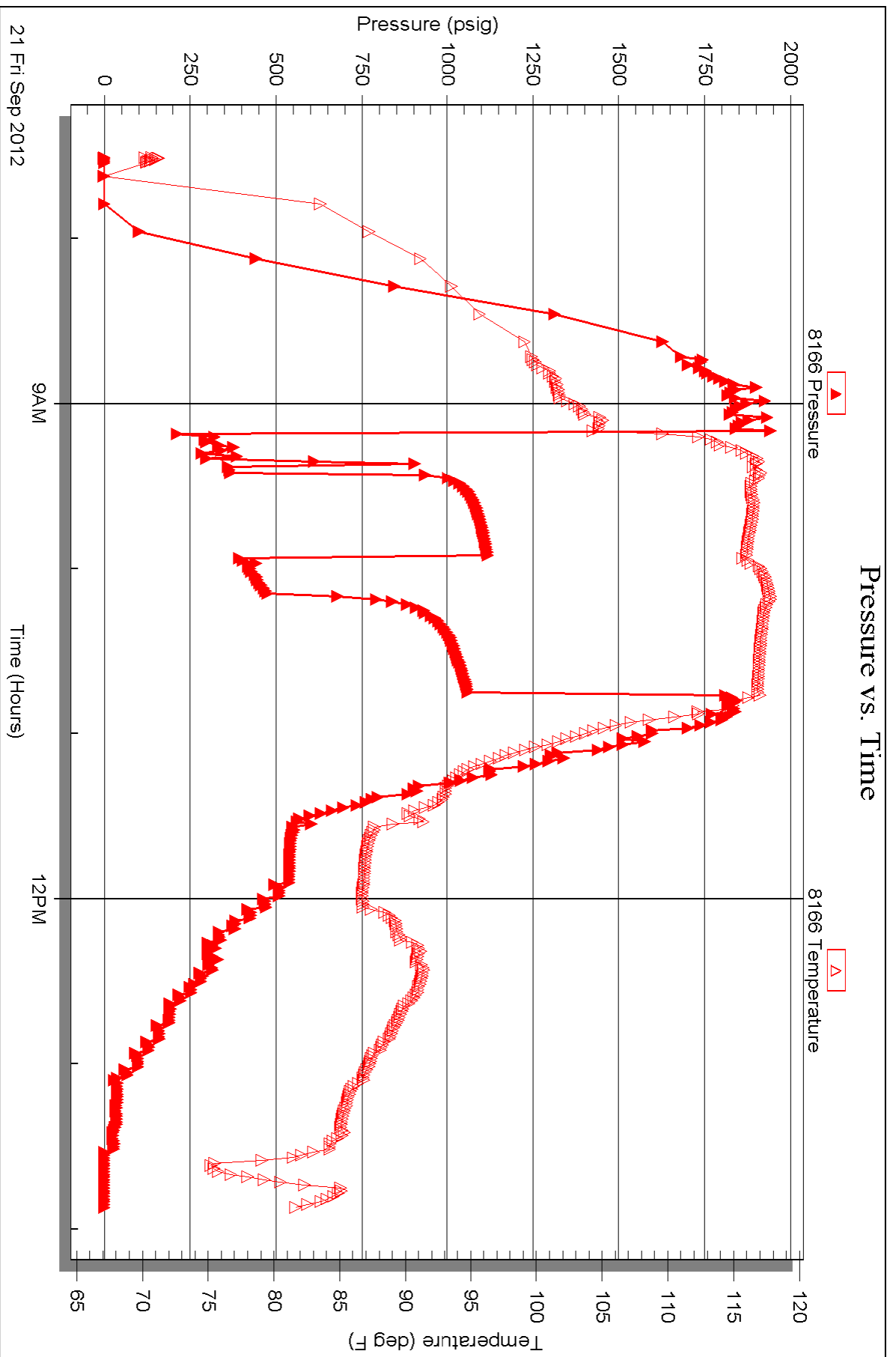


Serial #: 8166

Outside Downing Nelson Oil Co. Inc

Ward #1-31

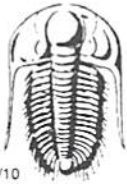
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 51001

Printed: 2012.09.25 @ 11:25:42



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 51001

Well Name & No. Ward 1-31 Test No. 1 Date 9-21-12  
 Company Downing Nelson oil Co. Inc Elevation 2002 KB 1997 GL  
 Address Po Box 1019, Hays KS, 67601  
 Co. Rep / Geo. Allen Downing Rig Discovery 4  
 Location: Sec. 31 Twp. 18s Rge. 17w Co. Rush State ks

Interval Tested 3702-3771 Zone Tested Arbuckle  
 Anchor Length 69' Drill Pipe Run 3672 Mud Wt. 8.8  
 Top Packer Depth 3697 Drill Collars Run - Vis 51  
 Bottom Packer Depth 3702 Wt. Pipe Run - WL 8.8  
 Total Depth 3771 Chlorides 3,000 ppm System LCM -  
 Blow Description IF- B.O.B. in 1 Minute  
ISI- No blow back  
FF- B.O.B. in 1 Minute  
FSI- No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>62'</u>	<u>V50CMW</u>	<u>10</u>	<u>80</u>	<u>10</u>	
<u>248</u>	<u>6MCOW</u>	<u>10</u>	<u>60</u>	<u>20</u>	<u>10</u>
<u>372</u>	<u>60</u>	<u>40</u>	<u>60</u>		
<u>310</u>	<u>6V50CM</u>	<u>10</u>	<u>10</u>		<u>80</u>
<u>372</u>	<u>HOCM</u>		<u>30</u>		<u>70</u>

Rec Total 1364' BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1942  Test 1150 T-On Location 6:35 am  
 (B) First Initial Flow 198  Jars \_\_\_\_\_ T-Started 7:30 am  
 (C) First Final Flow 367  Safety Joint \_\_\_\_\_ T-Open 9:05 am  
 (D) Initial Shut-In 1119  Circ Sub \_\_\_\_\_ T-Pulled 10:35 am  
 (E) Second Initial Flow 391  Hourly Standby \_\_\_\_\_ T-Out 1:47 pm  
 (F) Second Final Flow 478  Mileage 70 RT 108.50 Comments \_\_\_\_\_  
 (G) Final Shut-In 1051  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1809  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1258.50  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1258.50

Initial Open 15  
 Initial Shut-In 30  
 Final Flow 15  
 Final Shut-In 30

Approved By \_\_\_\_\_ Our Representative Cody B...

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.









3300

60

3400

50

3500

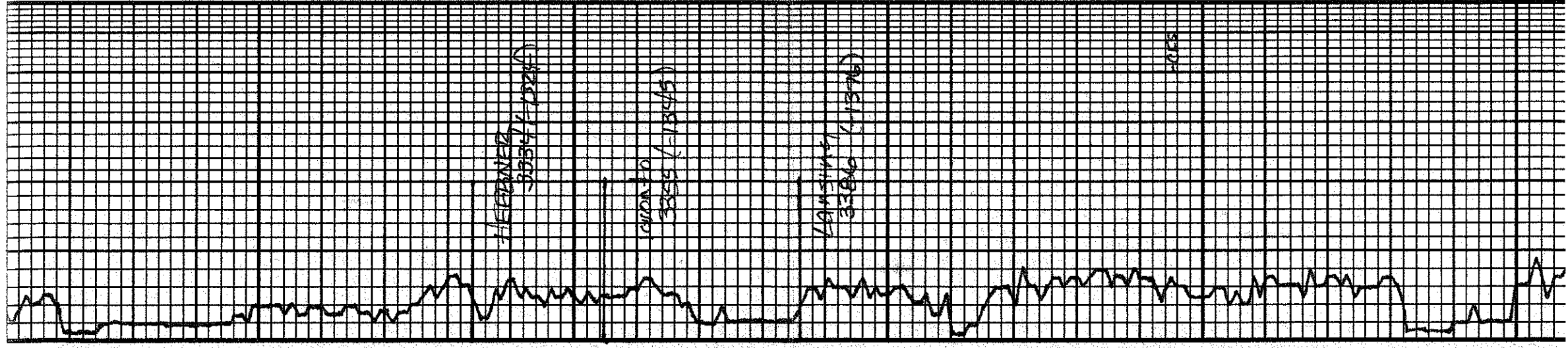
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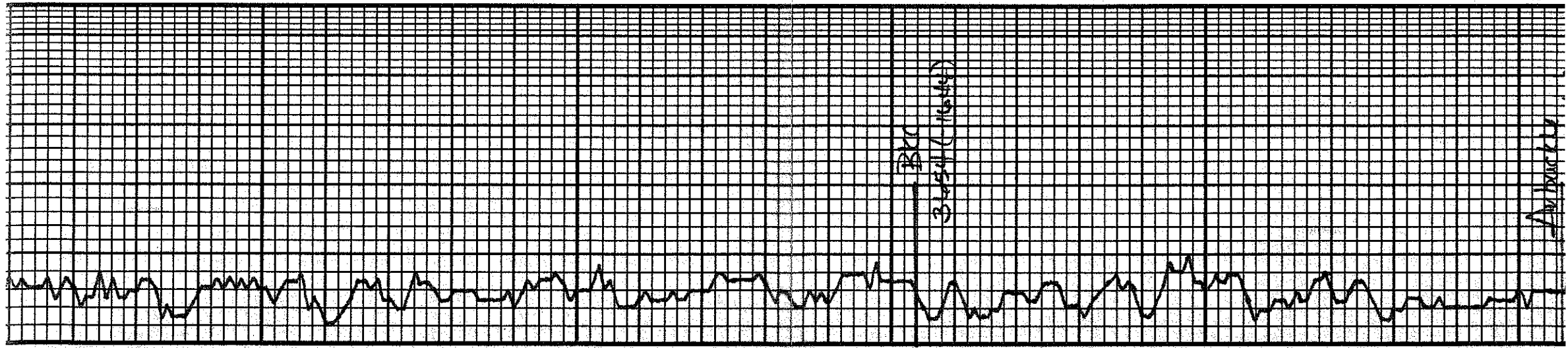
3335 (1325)

3336 (1326)

405

SN: Black - cans LS: wnt f-v. dse	SN: Brown - gny	LS: Tan - Lt. Bm. Fin. sk. occ. Ns all DSE scatt ool. p	SN: Brown, Lt. Bm. sk. Hly scatt	LS: wnt Lt. Tan. Fin. dse W scatt only wnt ls. 1-2 pos wnt absent	SN: gny	LS: Tan v. lgc oolites bl good - v. good ool + ool NSFO - No odor barren	SN: gny	LS: Lt. Bm - Bm. Fin. wnt scatt ool p throughout scatt ool dse peak	SN: v. dark gny - Black	LS: Tan. Fin. wnt ool - ool No show - scatt v. lgc ool	LS: Tan. f. v. lgc. some v. lgc oolites, occasional gny fin w v. oolitic. Nodules - all Ns v. dse	LS: Tan. Fin. w v. good ool d. ool d NSFO - No odor all Totally Barren
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W fair amt wnt chky	LS: w scattered gm -	Brown Shales	SN: V. dark gray - Black	LS: wnt v. fm v. dse	SN: gm - drk gm	LS: wnt fm. ool dse w few pes wnt acct.	SN: gm - Brown	LS: Tan fm w fr - gd acct No show - some pes v. ool poor & some chky	SN: gm - Red - Brown	LS: wnt Brown wnt dse w scattered ool - acct NSFo. mostly v. ool v. fm LS.	SN: gm	LS: Am. Lt. Tan f. substa w fr. ool of NSFo No ool becoming v. chky LS.	all Ns. scatt Bm ool acct in base	SN: v. dark gray - Black acct	LS: Tan fm v. ool w fr & NSFO No d.	SN: v. dark gm - Black	LS: v. dark gm - Black	wnt Inbed chky LS.	LS: Tan fm v. ool all fine No show w few pes orange acct.	SN: gm w Tan ool LS. Lenses Ns	LS: amt Tan f. v. fm v. dse w much tan - orange acct.	LS: Tan fm w lg amt tan acct acct all No show Free oil some sH sp. stn.	Shales Red - Wash Red	w lg amt Bm - Red - yellow - Tan - ool acct	acct, few ss clusters w stn stn NSFo - No acct.
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50

3600

50

3700

50

v 15 51  
wt 8.8  
ML g. d

DST #1  
3702 - 3771  
15-30 - 15-30

Dec:  
372' gassy oil  
310' 950cm  
(107945 - 109011)  
372' H6CM  
3090r1  
248' 9mwo  
2070w - 1870r1  
62' V50cmw  
in. m. 1 capm w

D S T # 1

3600 (16540)

3700

