



KANSAS CORPORATION COMMISSION 1060051
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30717
Name: Downing-Nelson Oil Co Inc
Address 1: PO BOX 1019
Address 2: _____
City: HAYS State: KS Zip: 67601 + _____
Contact Person: Ron Nelson
Phone: (785) 621-2610
CONTRACTOR: License # 31548
Name: Discovery Drilling
Wellsite Geologist: Marc Downing
Purchaser: Coffeyville Resources

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 #: _____

<u>07/02/2011</u>	<u>07/08/2011</u>	<u>07/09/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-145-21644-00-00
Spot Description: _____
SW NW NE SE Sec. 18 Twp. 20 S. R. 20 East West
2130 Feet from North / South Line of Section
1140 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Pawnee
Lease Name: Marvin Saxton Well #: 1-18
Field Name: Wildcat
Producing Formation: Mississippi
Elevation: Ground: 2222 Kelly Bushing: 2230
Total Depth: 4366 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 475 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1381 Feet
If Alternate II completion, cement circulated from: 1381
feet depth to: 0 w/ 150 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 16000 ppm Fluid volume: 320 bbls
Dewatering method used: Evaporated
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: Deanna Garrisor Date: 08/31/2011



1060051

Operator Name: Downing-Nelson Oil Co Inc Lease Name: Marvin Saxton Well #: 1-18
 Sec. 18 Twp. 20 S. R. 20 East West County: Pawnee

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Micro Compensated Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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
Surface Pipe	12.25	8.625	23	475	Common	255	2% Gel & 3% CC
Production String	7.875	5.5	14	4365	EA/2	150	

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 (Amount and Kind of Material Used)	Depth
4	4358' - 4362'	150 gal. 7.5% Mud Acid	4358' - 4362

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4327.96</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>08/08/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>60</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u> Gas-Oil Ratio <u>39</u> 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 checked="" 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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Marvin Saxton 1-18
Doc ID	1060051

Tops

Name	Top	Datum
Top Anhydrite	1402	+828
Base	1430	+800
Heebner	3724	-1494
LKC	3774	-1544
BKC	4081	-1851
Fort Scott	4268	-2038
Cherokee Shale	4282	-2052
Mississippi	4334	-2104
Osage	4353	-2123

JOB LOG

SWIFT Services, Inc.

DATE 7-8-11 PAGE NO. 7

CUSTOMER Downing - Nelson Oz WELL NO. 1-18 LEASE MARVEN SAXTON JOB TYPE 5 1/2" 2-STAGE LGST. TICKET NO. 20882

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							ON LOCATION
	2100							START 5 1/2" CASING IN WELL
								TD-4366 RND SET = 4365
								TP-4369 5 1/2" 14
								ST-20'
								CENTRALIZERS-1,3,5,7,9,11,71
								CMT BSXS-72
								DU TOOL = 1381' TOPJT# 72
	2305							DROP BALL - CIRCULATE - SEE OPERATIONS ROTATE
	0005	6 1/2	12		✓		450	PUMP 500 GAL MODFLUSH
	0007	6 1/2	20		✓		450	PUMP 20 BBS KCL-FLUSH
	0015	4 1/2	36		✓		300	MIX CEMENT - 150 SKS EA-2 = 15.5 PPG
	0023							WASH OUT PUMP - LINES
	0024							RELEASE 1 ST STAGE LATCH DOWN PLUG
	0025	7	0		✓			DISPLACE PLUG
	0040	6 1/2	106.1				1500	PLUG DOWN - PSE UP LATCH IN PLUG
	0042							OK RELEASE PSE - HELD
	0045							DROP DV OPENING PLUG
	0100				✓		1100	OPEN DV - CIRCULATE
	0105	6	20		✓		300	PUMP 20 BBS KCL-FLUSH
	0110		7-5					PLUG RH-MH (30SKS-20SKS)
	0115	6	83		✓		300	MIX CEMENT - 150 SKS SMD = 11.2 PPG
	0135							WASH OUT PUMP - LINES
	0137							RELEASE DV CLOSING PLUG
	0140	6 1/2	0		✓			DISPLACE PLUG
	0145	5	33.7				1500	PLUG DOWN - PSE UP CLOSE DU TOOL
	0147							OK RELEASE PSE - HELD
								CIRCULATED 20 SKS CEMENT TO PRT
								WASH TRUCK
	0230							JOB COMPLETE

THANK YOU
WAGE, JEFF, ROB

JOB LOG

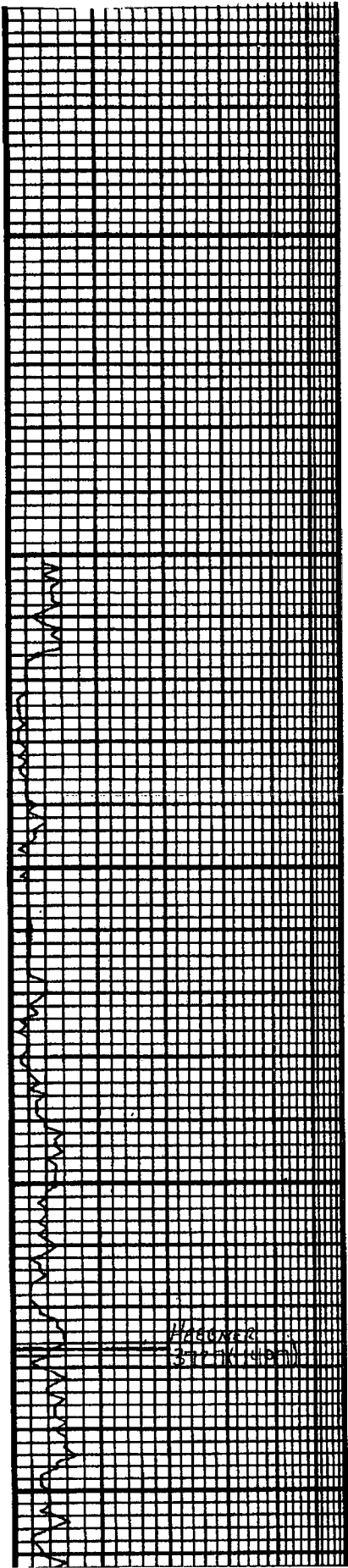
SWIFT Services, Inc.

DATE 7-8-11 PAGE NO. 1

CUSTOMER DOWLING - Nelson Oz WELL NO. 1-18 LEASE MARVEN SAXTON JOB TYPE 5 1/2" 2-STAGE LGST. TICKET NO. 20882

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							ON LOCATION
	2100							START 5 1/2" CASING IN WELL
								TD-4366 RND SET = 4365 TP-4369 5 1/2" 14 ST-20'
								CENTRALIZERS - 1, 3, 5, 7, 9, 11, 71 CMT BSXS - 72 DV TOOL = 1381' TOPJT# 72
	2305							DROP BALL - CIRCULATE - SEE PATENT ROTATE
	0005	6 1/2	12		✓		450	PUMP 500 GAL MOD FLUSH
	0007	6 1/2	20		✓		450	PUMP 20 BBS KCL-FLUSH
	0015	4 1/2	36		✓		300	MIX CEMENT - 150 SKS EA-2 = 15.5 PPG
	0023							WASH OUT PUMP - LINES
	0024							RELEASE 1 ST STAGE LATCH DOWN PLUG
	0025	7	0		✓			DISPLACE PLUG
	0040	6 1/2	106.1				1500	PLUG DOWN - PSE UP LATCH IN PLUG
	0042							OK RELEASE PSE - HELD
	0045							DROP DV OPENING PLUG
	0100				✓		1100	OPEN DV - CIRCULATE
	0105	6	20		✓		300	PUMP 20 BBS KCL-FLUSH
	0110		7.5					PLUG RH-MH (30SKS - 20SKS)
	0115	6	83		✓		300	MIX CEMENT - 150 SKS SMD = 11.2 PPG
	0135							WASH OUT PUMP - LINES
	0137							RELEASE DV CLOSING PLUG
	0140	6 1/2	0		✓			DISPLACE PLUG
	0145	5	33.7				1500	PLUG DOWN - PSE UP CLOSE DV TOOL
	0147							OK RELEASE PSE - HELD CIRCULATED 20 SKS CEMENT TO PZT WASH TRUCK
	0230							JOB COMPLETE

THANK YOU
WAGE, JEFF, ROB

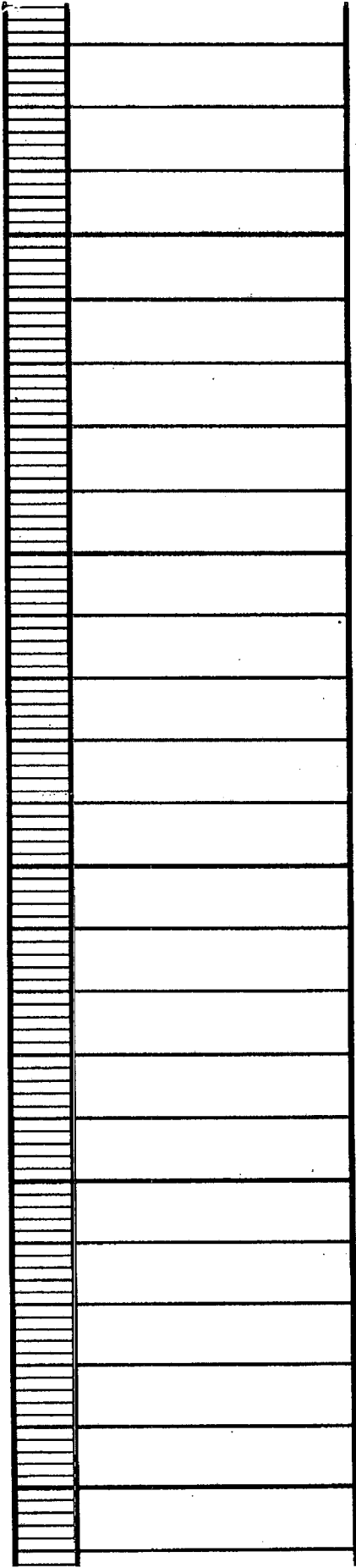


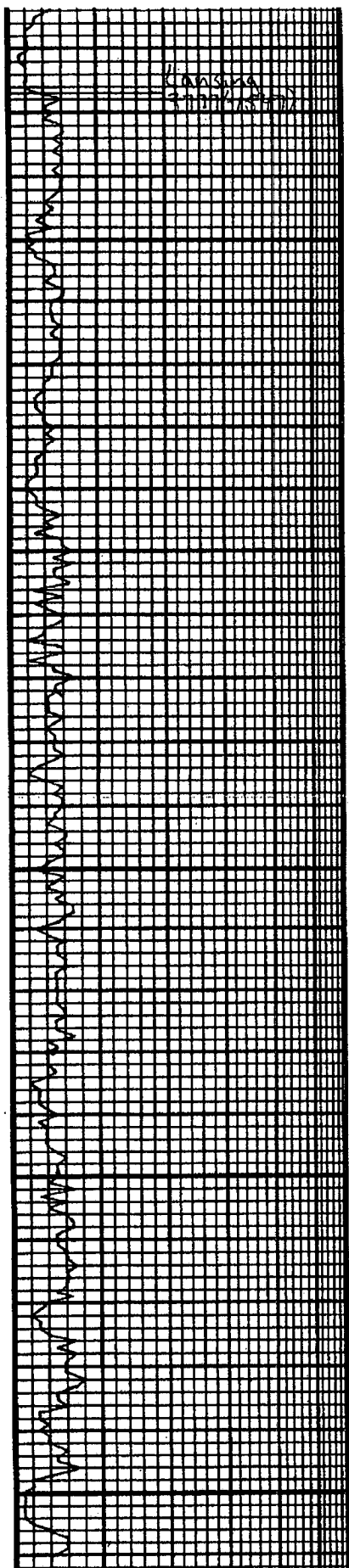
3600

50

3700

50





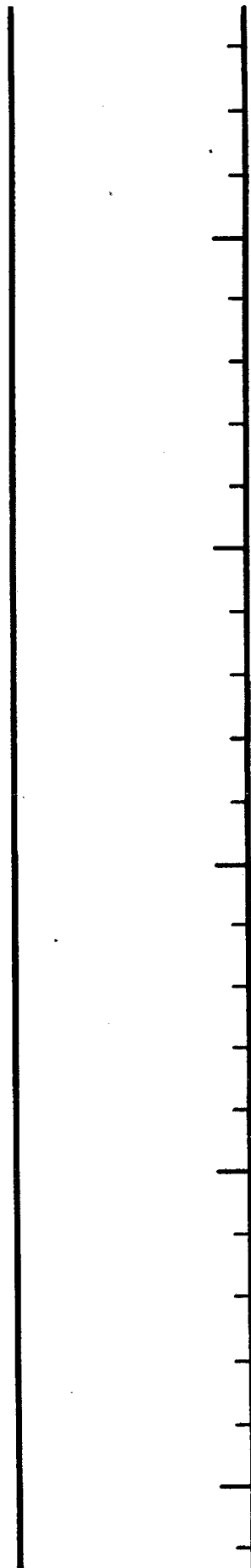
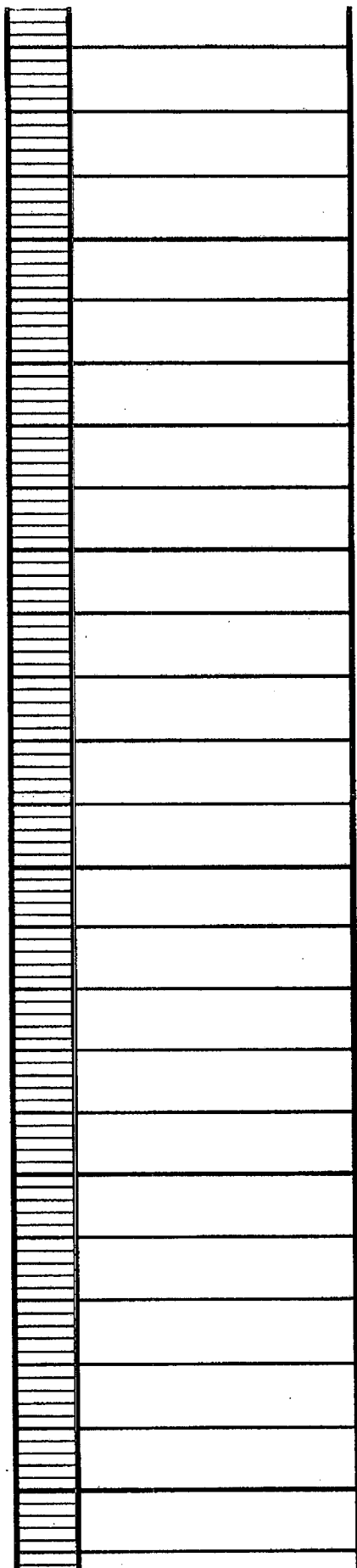
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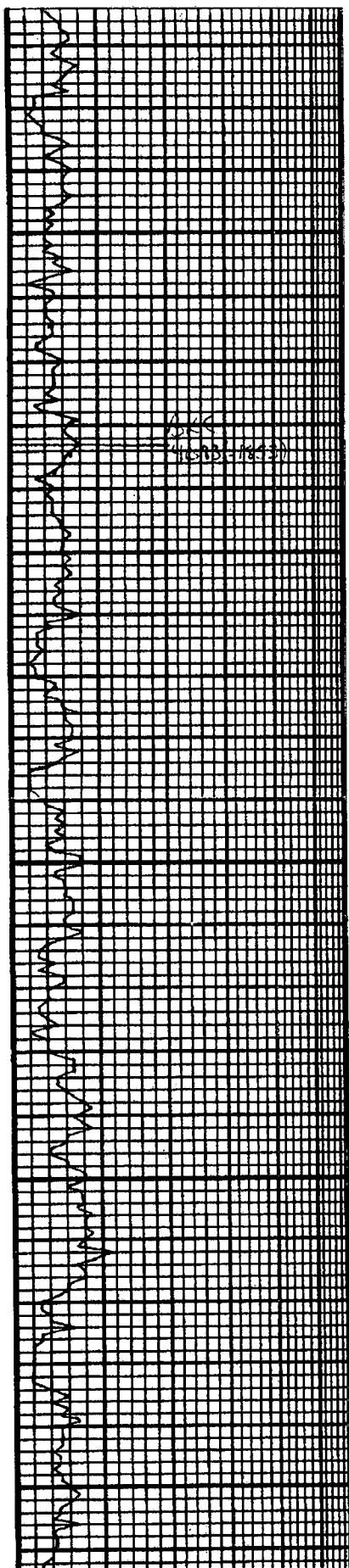
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3900

50

4000





50

4100

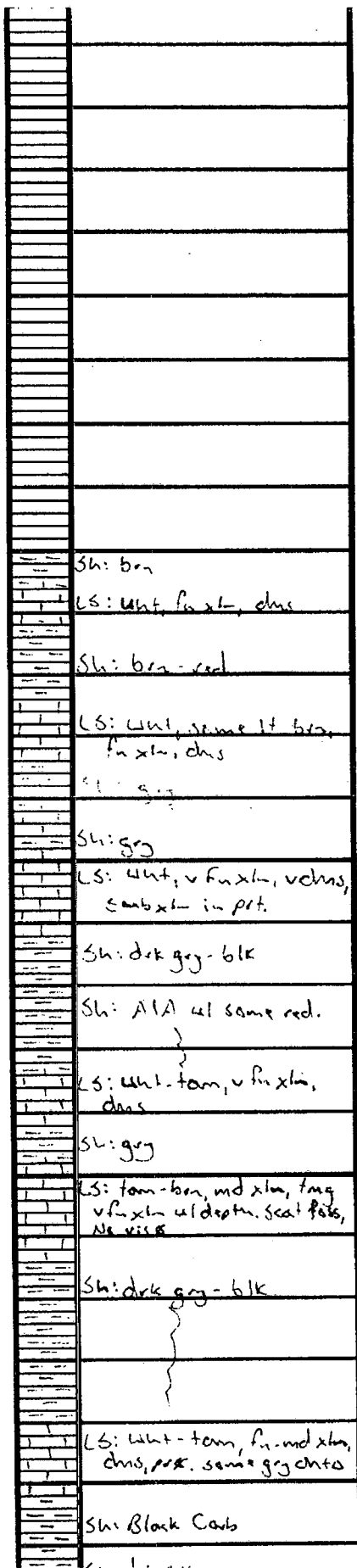
4100

50

4200

50

50



Sh: brn

LS: wht, fine, chns

Sh: brn-red

LS: wht, some lt brn, fine, chns

Sh: grg

Sh: grg

LS: wht, v fine, v chns, some in prt.

Sh: drk grg-blk

Sh: A/A w/ some red.

LS: wht-tan, v fine, chns

Sh: grg

LS: tan-brn, md fine, fine, v fine w/ depth. Scat fossils, No vis

Sh: drk grg-blk

LS: wht-tan, fine, md fine, chns, some grg chns

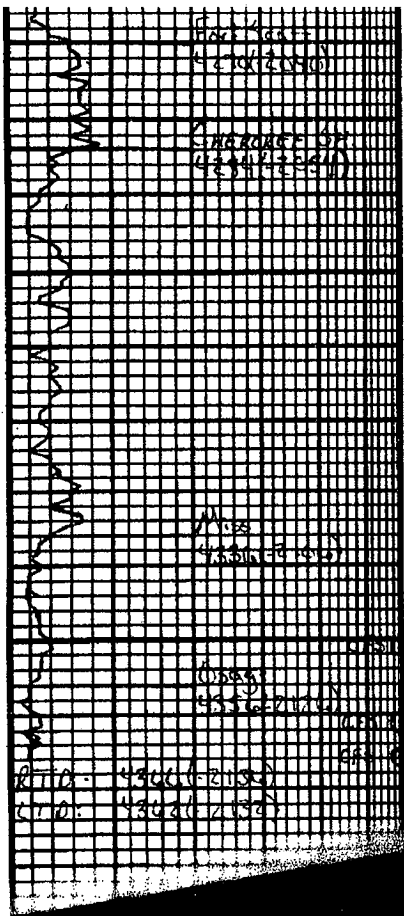
Sh: Black Carb

Vis: 48 - Lt: 9.0

OST #1

4300-4351

30-30-30-30



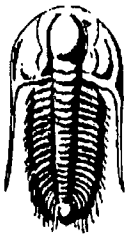
	LS: tom, mid xln, smt fess. Ting wh, vln xln, sub xln in prt. Rest All chas w/ p/a, all 4-4 Onts in base.
	Sh: Black Carb
	Sh: g's
4300	LS: tom, fu, mid xln, p/a, v dms, All ns
	Sh: brn-red w/ g'g. Scat, yel ch'ta
	Few ss clust, wlt-clt.
	wlt m'x. Some v fu gen some ces, Ang, pr sort. No dirt
	Ch't: Mostly tom w/ wlt v w'ath
	w/ gd int'ln & p/a, few fresh pe w/ bun str. Rost gd sat str, gd sfo, gd od, gd gra flwr. FU
	on sup.
	ch't: tom mostly wh, fresh, few w'ath p/a. Fresh w/ rare sil, w/fo, h'od. dull flwr. few sets
	FO on sup.
	Ra mostly A/d

IFF: 10-10
 FFP: 47-50
 SIP: 651-394
 HP: 2207-2057
 Rec:
 10' 50CM 5%0
 BHT: 117'

 DST #2
 4350-4366
 45-45-45-45
 I.F.-BOB 15mm/17" SIB
 F.F.-BOB 12mm/2" SIB
 IFF: 23-101
 FFP: 107-186
 SIP: 1350-1341
 HP: 2213-2651
 Rec:
 215' GIP
 390' GO 80%0
 90' OCM 15%0
 G=37 BHT: 126'

DST #1
 #1
 DST #2

38



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing Nelson Oil Company

Marvin Saxton 1-18

18 20s 20w Pawnee KS

Job Ticket: 43506

DST#: 1

ATTN: Ron/Al

Test Start: 2011.07.07 @ 09:06:12

GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 10:52:12

Time Test Ended: 14:23:12

Test Type: **Conventional Bottom Hole**

Tester: **Paul Simpson**

Unit No: **39**

Interval: 4300.00 ft (KB) To 4351.00 ft (KB) (TVD)

Total Depth: **4351.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2230.00 ft (KB)**

2222.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8017 **Inside**

Press@RunDepth: **49.63 psig @ 4301.00 ft (KB)**

Start Date: **2011.07.07**

End Date:

2011.07.07

Start Time: **09:06:17**

End Time:

14:23:11

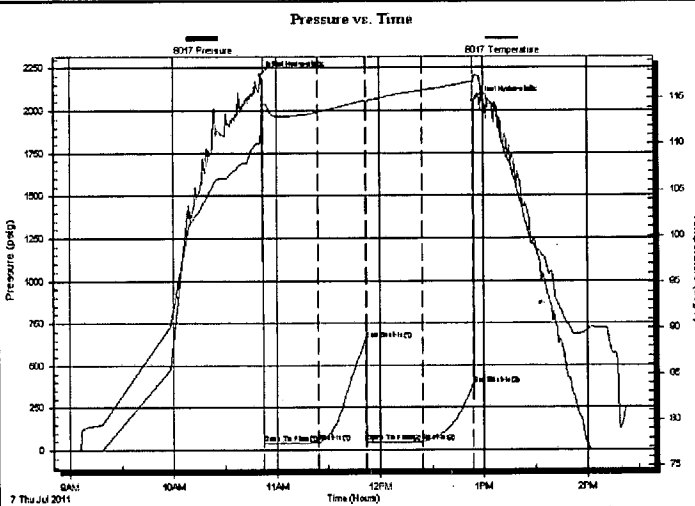
Capacity: **8000.00 psig**

Last Calib.: **2011.07.07**

Time On Btm: **2011.07.07 @ 10:50:42**

Time Off Btm: **2011.07.07 @ 12:54:12**

**TEST COMMENT: IF weak 1/4 blow throughout
FF- no blow**



PRESSURE SUMMARY

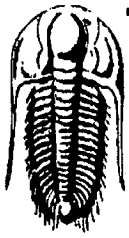
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.41	110.15	Initial Hydro-static
2	39.94	113.69	Open To Flow (1)
34	44.73	113.48	Shut-In(1)
62	651.29	114.72	End Shut-In(1)
62	47.39	114.35	Open To Flow (2)
94	49.63	115.83	Shut-In(2)
123	384.36	116.76	End Shut-In(2)
124	2057.40	117.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	socm 5% o 95% m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company

Marvin Saxton 1-18

18 20s 20w Pawnee KS

Job Ticket: 43506

DST#: 1

ATTN: Ron/Al

Test Start: 2011.07.07 @ 09:06:12

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	socm 5% o 95% m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

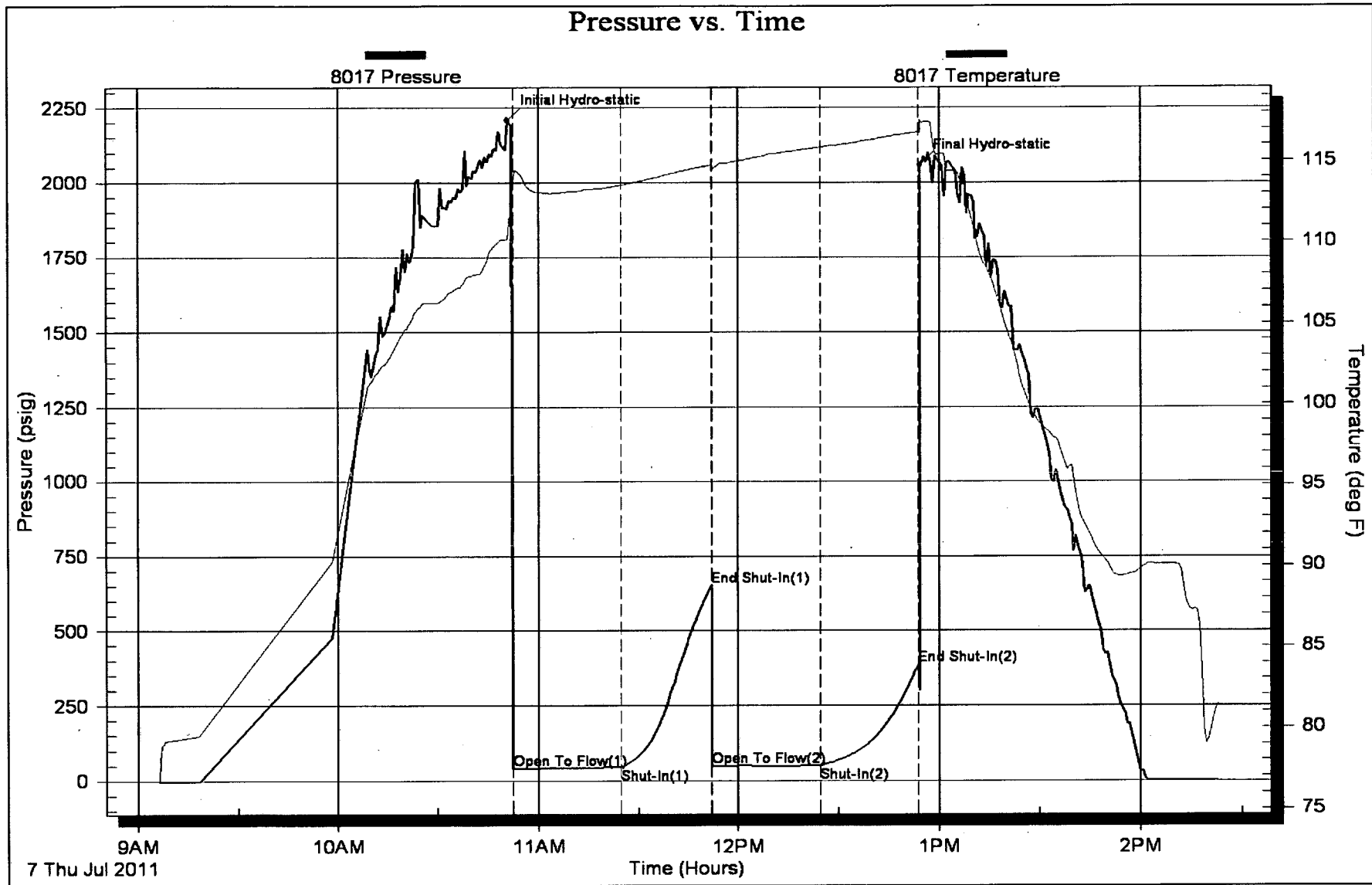
Num Gas Bombs: 0

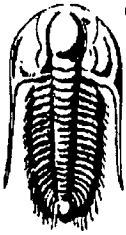
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing Nelson Oil Company

Marvin Saxton 1-18

Box 1019
Hays KS 67601

18 20s 20w Pawnee KS

Job Ticket: 43507

DST#: 2

ATTN: Ron/Al

Test Start: 2011.07.07 @ 22:20:25

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 00:00:40
 Time Test Ended: 05:07:29

Test Type: **Conventional Bottom Hole**
 Tester: **Paul Simpson**
 Unit No: **39**

Interval: **4350.00 ft (KB) To 4366.00 ft (KB) (TVD)**
 Total Depth: **4366.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2230.00 ft (KB)**
2222.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8017

Inside

Press@RunDepth: **185.80 psig @ 4351.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.07.07**

End Date: **2011.07.08**

Last Calib.: **2011.07.08**

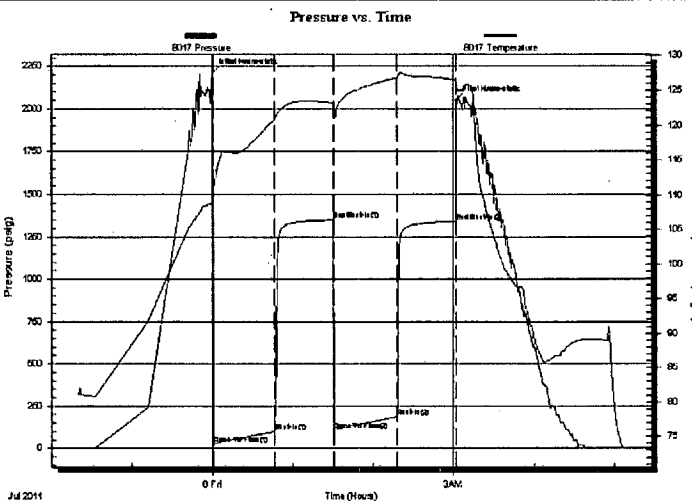
Start Time: **22:20:25**

End Time: **05:07:30**

Time On Btm: **2011.07.08 @ 00:00:30**

Time Off Btm: **2011.07.08 @ 03:02:10**

TEST COMMENT: IF 1/2" blow building to bottom of bucket in 15 minutes
 IS- surface to 1 1/2"
 FF blow built to bottom of bucket in 12 minutes
 FS- 2" blow



PRESSURE SUMMARY

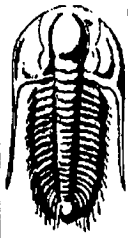
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.98	109.02	Initial Hydro-static
1	22.82	108.26	Open To Flow (1)
46	101.15	120.83	Shut-In(1)
90	1349.67	123.17	End Shut-In(1)
91	107.34	121.02	Open To Flow (2)
138	185.80	126.79	Shut-In(2)
182	1341.30	126.44	End Shut-In(2)
182	2050.67	126.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
390.00	gassy oil 20%g 80%o	5.19
90.00	ocm 15%o 85%m	1.26
0.00	215' GIP	0.00
0.00	38@70 =37	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company

Marvin Saxton 1-18

Box 1019
Hays KS 67601

18 20s 20w Pawnee KS

Job Ticket: 43507

DST#: 2

ATTN: Ron/Al

Test Start: 2011.07.07 @ 22:20:25

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 11.16 in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

37 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
390.00	gassy oil 20%g 80%0	5.188
90.00	ocm 15%o 85%m	1.262
0.00	215' GIP	0.000
0.00	38@70 =37	0.000

Total Length: 480.00 ft Total Volume: 6.450 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

