KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1076247

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 #:

02/20/2012	02/27/2012	02/28/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-145-21669-00-00
Spot Description:
NE - NE - SE - SW Sec. 29 Twp. 20 S. R. 20 ☐ East ☑ West
1200 Feet from ☐ North / ☑ South Line of Section
2560 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
County: Pawnee
Lease Name: McCoy-Pelton Well #: 2-29
Field Name: Steffen
Producing Formation: Mississippi
Elevation: Ground: 2150 Kelly Bushing: 2156
Total Depth: 4298 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1159 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: 18000 ppm Fluid volume: 320 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Downing Nelson Oil Company, Inc.
Lease Name: Chaddick License #: 30717
Quarter SE Sec. 29 Twp. 20 S. R. 20 ☐ East ☑ West
County: Pawnee Permit #: D14220

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 Garrison Date: 04/25/2012

Side Two

1076247

Operator Name: Downing-Nelson Oil Co Inc Lease Name: McCoy-Pelton Well #: 2-29

Sec. 29 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 (Attach Additional Sheets)	☑ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Electric Log Submitted Electronically (If no, Submit Copy)	☑ Yes	☐ No

List All E. Logs Run:

Micro
Dual Compensated Porosity
Dual Induction

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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	1159	Common	450	2% Gel & 3% CC
Production String	7.875	5.5	14	4293	EA/2	125	

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2.375	4225'		☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.	Producing Method:
03/28/2012	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	0	20		

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	☑ Open Hole ☐ Perf. ☐ Dually Comp. (Submit ACO-5) ☐ Commingled (Submit ACO-4) ☐ Other (Specify)	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	McCoy-Pelton 2-29
Doc ID	1076247

Tops

Name	Top	Datum
Top Anhydrite	1336'	+820
Base Anhydrite	1360'	+796
Heebner	3673'	-1517
LKC	3723'	-1567
BKC	4038'	-1882
Fort Scott	4222'	-2066
Cherokee Shale	4241'	-2085
Mississippi	4294'	-2138

ALLIED CEMENTING CO., LLC. 042488

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend

DATE 2-21-12	SEC. 29	TWP. 20	RANGE 20	CALLED OUT	ON LOCATION	JOB START 320 pm	JOB FINISH 400 pm
LEASE McCoy Petton	WELL # 2-29		LOCATION Alexander 13 South			COUNTY Pawnee	STATE KS
OLD OR NEW (Circle one)			½ west North into				

CONTRACTOR Discovery Rig 4
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 1159
CASING SIZE 8⅝ 24# DEPTH 1159
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 750 MINIMUM
MEAS. LINE SHOE JOINT 42.76
CEMENT LEFT IN CSG. 42.76
PERFS.
DISPLACEMENT 71.10 BBLS freshwater

OWNER Downing & Nelson

CEMENT
AMOUNT ORDERED 450 SX class A + 3% cc + 2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Wayne
366 HELPER Shane
BULK TRUCK
344/120 DRIVER Kevin
BULK TRUCK
DRIVER

COMMON	450	@ 16.25	7.312.50
POZMIX		@	
GEL	9	@ 21.25	191.25
CHLORIDE	16	@ 58.20	931.20
ASC		@	
HANDLING	475	@ 2.25	1068.75
MILEAGE	475 x 42 x .11		2.194.50
		TOTAL	11.698.10

REMARKS:
Pipe on Bottom Break Circulation with Rig mud
Ran 10 BBLS Ahead
Mix 450 SX class A + 3% cc + 2% Gel
Release Plug
Displace 71.10 BBLS freshwater
Land Plug at 750 PS:
Cement did circulate Shut in

SERVICE

DEPTH OF JOB	1159		
PUMP TRUCK CHARGE	0-300		1125.00
EXTRA FOOTAGE	859	@ .95	816.00
MILEAGE	Hum 82	@ 7.00	574.00
MANIFOLD	Hum 82	@ 4.00	328.00
		@	
1 hour Rig Time		@ 325.00	
		TOTAL	2.843.00

CHARGE TO: Downing & Nelson
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

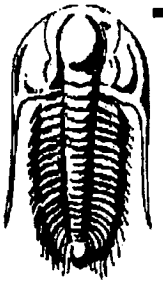
Rubber Plug		@ 112.00	112.00
Baffle plate		@ 112.00	112.00
		@	
		@	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

JOB LOG — **SWIFT Services, Inc.** — DATE 2-27-12 — PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Downing Nelson	#2-29	McCoy - Pelton	Longstring	21415

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	2000							on loc w/ FE
								RTD 4298'
								5½" x 14# x 4296 x 42'
								cent 1, 3, 5, 7, 9, 11
								Bask 10
	2215							Start FE
	0005							Break Circ
							1200	Set Pkr Shoe
	0105	2.5	7/5					Plug RH/MH 30/20 sks EA-2
	0114	5	0				200	Start Mud flush 500 gal
	0116	5	12/0				200	Start KCL flush 20 bbl
	0120	6	20/0				200	Start Cement 125 sks EA-2
	0125		30					End Cement
								wash P&L
								Drop L.D. Plug
	0130	6	0				150	Start Displacement
	0143	5	80				200	Catch Cement
	0148		104				~~700~~ 1400	Land Plug
								Release Pressure
								Float Held
								Thank you
								Nick, Josh F. & Shane



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

McCoy-Pelton #2-29

29-20s-20w Pawnee,KS

Start Date: 2012.02.26 @ 16:36:17

End Date: 2012.02.26 @ 20:23:30

Job Ticket #: 46440 DST #: 1

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

Printed: 2012.02.29 @ 09:13:55

DRILL STEM TEST REPORT

Downing Nelson Oil Co., Inc.

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

29-20s-20w Pawnee,KS

McCoy-Pelton #2-29

Job Ticket: 46440 **DST#: 1**

Test Start: 2012.02.26 @ 16:36:17

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened:
Time Test Ended: 20:23:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Jason McLemore
Unit No: 54

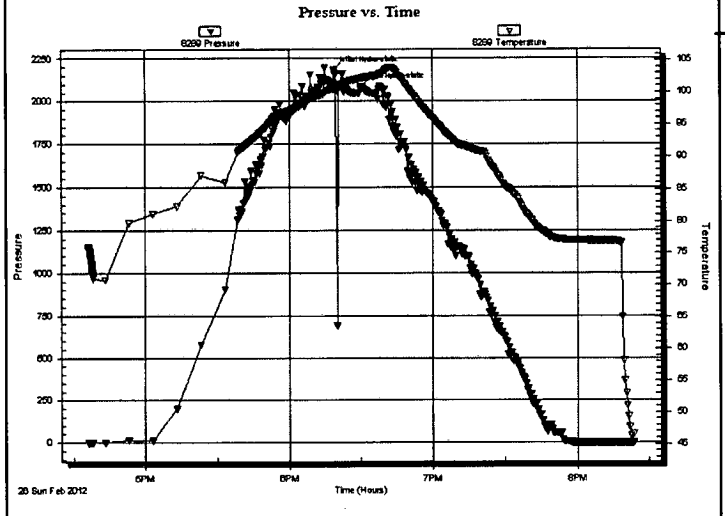
Interval: 4256.00 ft (KB) To 4298.00 ft (KB) (TVD)
Total Depth: 4298.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2160.00 ft (KB)
2150.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8289 **Outside**
Press@RunDepth: psig @ 4260.00 ft (KB)
Start Date: 2012.02.26 End Date: 2012.02.26
Start Time: 16:36:17 End Time: 20:23:30

Capacity: 8000.00 psig
Last Calib.: 2012.02.27
Time On Btm: 2012.02.26 @ 18:18:45
Time Off Btm: 2012.02.26 @ 18:29:45

TEST COMMENT: IFP-Packer Failure, Pull Tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2181.49	100.55	Initial Hydro-static
11	2081.72	102.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Drilling Mud	1.83

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Co., Inc.

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

29-20s-20w Pawnee,KS

McCoy-Pelton #2-29

Job Ticket: 46440 **DST#: 1**

Test Start: 2012.02.26 @ 16:36:17

Tool Information

Drill Pipe:	Length:	4227.00 ft	Diameter:	3.80 inches	Volume:	59.29 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	30.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	59.44 bbl	

Drill Pipe Above KB:	29.00 ft
Depth to Top Packer:	4256.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	42.00 ft
Tool Length:	70.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	62000.00 lb
Tool Chased	2.00 ft
String Weight: Initial	62000.00 lb
Final	62000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4229.00		
Shut In Tool	5.00			4234.00		
Hydraulic tool	5.00			4239.00		
Jars	5.00			4244.00		
Safety Joint	2.00			4246.00		
Packer	5.00			4251.00	28.00	Bottom Of Top Packer
Packer	5.00			4256.00		
Stubb	1.00			4257.00		
Perforations	3.00			4260.00		
Recorder	0.00	8366	Inside	4260.00		
Recorder	0.00	8289	Outside	4260.00		
Change Over Sub	1.00			4261.00		
Blank Spacing	31.00			4292.00		
Change Over Sub	1.00			4293.00		
Perforations	2.00			4295.00		
Bullnose	3.00			4298.00	42.00	Bottom Packers & Anchor
Total Tool Length:	**70.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co., Inc.

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

29-20s-20w Pawnee,KS

McCoy-Pelton #2-29

Job Ticket: 46440 **DST#: 1**

Test Start: 2012.02.26 @ 16:36:17

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:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4600.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Drilling Mud	1.831

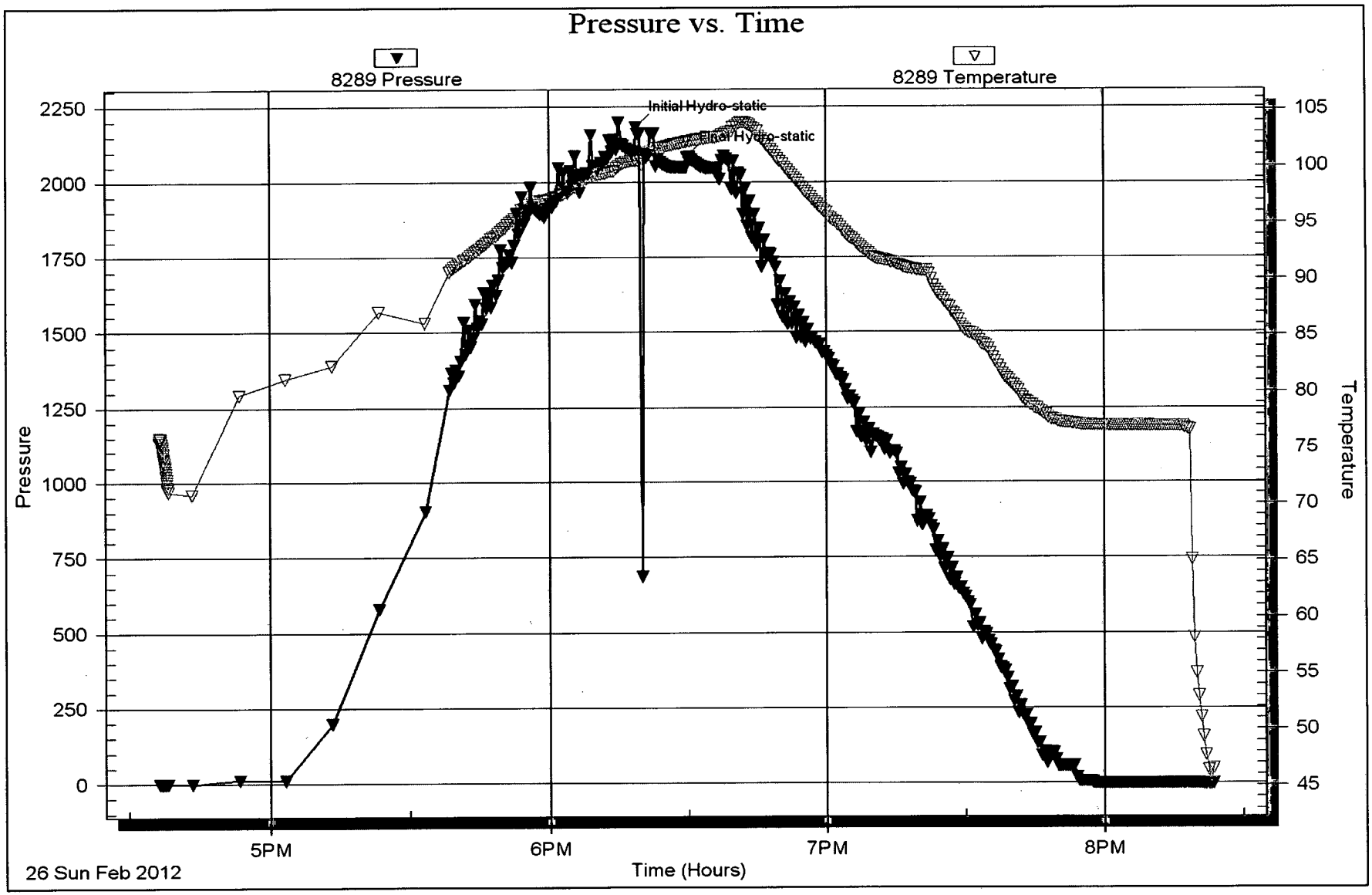
Total Length: 150.00 ft Total Volume: 1.831 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

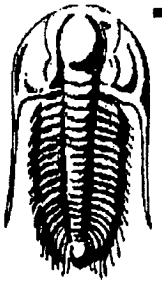
Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8289 **Outside** Dow ning Nelson Oil Co., Inc. McCoy-Pelton #2-29 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 46440 Printed: 2012.02.29 @ 09:13:57



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

McCoy-Pelton #2-29

29-20s-20w Pawnee,KS

Start Date: 2012.02.26 @ 20:45:48
End Date: 2012.02.27 @ 03:50:03
Job Ticket #: 46441 DST #: 2

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

Printed: 2012.02.29 @ 09:13:11

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Downing Nelson Oil Co., Inc.

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

29-20s-20w Pawnee,KS

McCoy-Pelton #2-29

Job Ticket: 46441 **DST#: 2**

Test Start: 2012.02.26 @ 20:45:48

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 22:40:33
Time Test Ended: 03:50:03

Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54

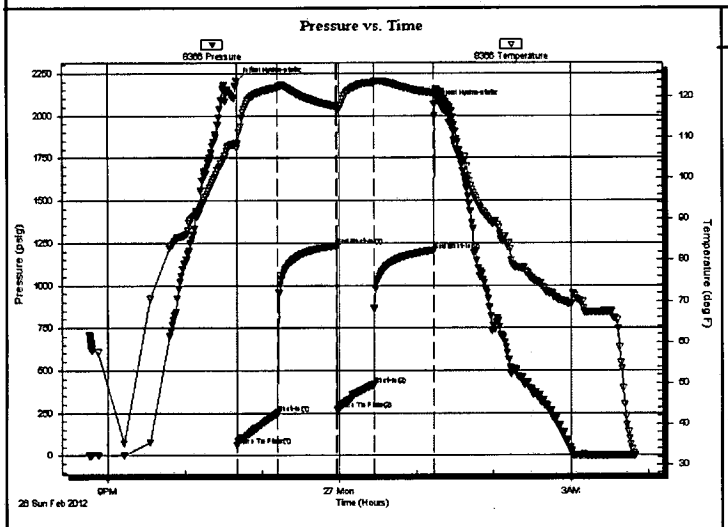
Interval: 4234.00 ft (KB) To 4298.00 ft (KB) (TVD)
Total Depth: 4298.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2160.00 ft (KB)
2150.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8366 **Inside**
Press@RunDepth: 416.57 psig @ 4237.00 ft (KB)
Start Date: 2012.02.26 End Date: 2012.02.27
Start Time: 20:45:50 End Time: 03:50:03

Capacity: 8000.00 psig
Last Calib.: 2012.02.27
Time On Btm: 2012.02.26 @ 22:40:18
Time Off Btm: 2012.02.27 @ 01:13:48

TEST COMMENT: IFP-Strong, BOB in 4 Min.
ISI-Blow back Built to 6"
FFP-Strong, BOB in 4 Min.
FSI-Blow back Built to 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2203.18	108.51	Initial Hydro-static
1	61.41	107.35	Open To Flow (1)
32	251.03	122.16	Shut-In(1)
78	1233.02	117.53	End Shut-In(1)
78	273.00	117.07	Open To Flow (2)
107	416.57	123.35	Shut-In(2)
153	1204.74	120.78	End Shut-In(2)
154	2068.34	120.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gassy Muddy Oil-30%G-60%O-10%M	0.57
880.00	Gassy Oil-30%G-70%O	12.34
0.00	440' Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Downing Nelson Oil Co., Inc.

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

29-20s-20w Pawnee,KS

McCoy-Pelton #2-29

Job Ticket: 46441 **DST#: 2**

Test Start: 2012.02.26 @ 20:45:48

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 22:40:33
Time Test Ended: 03:50:03

Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54

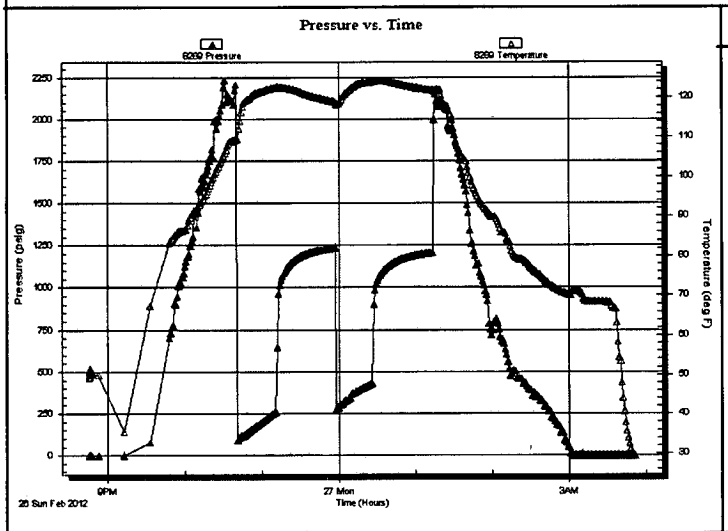
Interval: 4234.00 ft (KB) To 4298.00 ft (KB) (TVD)
Total Depth: 4298.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2160.00 ft (KB)
2150.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8289 **Outside**
Press@RunDepth: psig @ 4237.00 ft (KB)
Start Date: 2012.02.26 End Date: 2012.02.27
Start Time: 20:45:50 End Time: 03:51:03

Capacity: 8000.00 psig
Last Calib.: 2012.02.27
Time On Btm:
Time Off Btm:

TEST COMMENT: IFP-Strong, BOB in 4 Min.
ISI-Blow back Built to 6"
FFP-Strong, BOB in 4 Min.
FSI-Blow back Built to 1/2"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gassy Muddy Oil-30%G-60%O-10%M	0.57
880.00	Gassy Oil-30%G-70%O	12.34
0.00	440' Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Co., Inc.

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

29-20s-20w Pawnee,KS

McCoy-Pelton #2-29

Job Ticket: 46441 **DST#: 2**

Test Start: 2012.02.26 @ 20:45:48

Tool Information

Drill Pipe:	Length:	4196.00 ft	Diameter:	3.80 inches	Volume:	58.86 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	30.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	59.01 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	4234.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	64.00 ft
Tool Length:	92.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	80000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	62000.00 lb
Final	66000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4207.00		
Shut In Tool	5.00			4212.00		
Hydraulic tool	5.00			4217.00		
Jars	5.00			4222.00		
Safety Joint	2.00			4224.00		
Packer	5.00			4229.00	28.00	Bottom Of Top Packer
Packer	5.00			4234.00		
Stubb	1.00			4235.00		
Perforations	2.00			4237.00		
Recorder	0.00	8366	Inside	4237.00		
Recorder	0.00	8289	Outside	4237.00		
Change Over Sub	1.00			4238.00		
Blank Spacing	31.00			4269.00		
Change Over Sub	1.00			4270.00		
Perforations	25.00			4295.00		
Bullnose	3.00			4298.00	64.00	Bottom Packers & Anchor
Total Tool Length:	**92.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co., Inc.

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

29-20s-20w Pawnee,KS

McCoy-Pelton #2-29

Job Ticket: 46441 **DST#: 2**

Test Start: 2012.02.26 @ 20:45:48

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	37 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4600.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Gassy Muddy Oil-30%G-60%O-10%M	0.568
880.00	Gassy Oil-30%G-70%O	12.344
0.00	440' Gas In Pipe	0.000

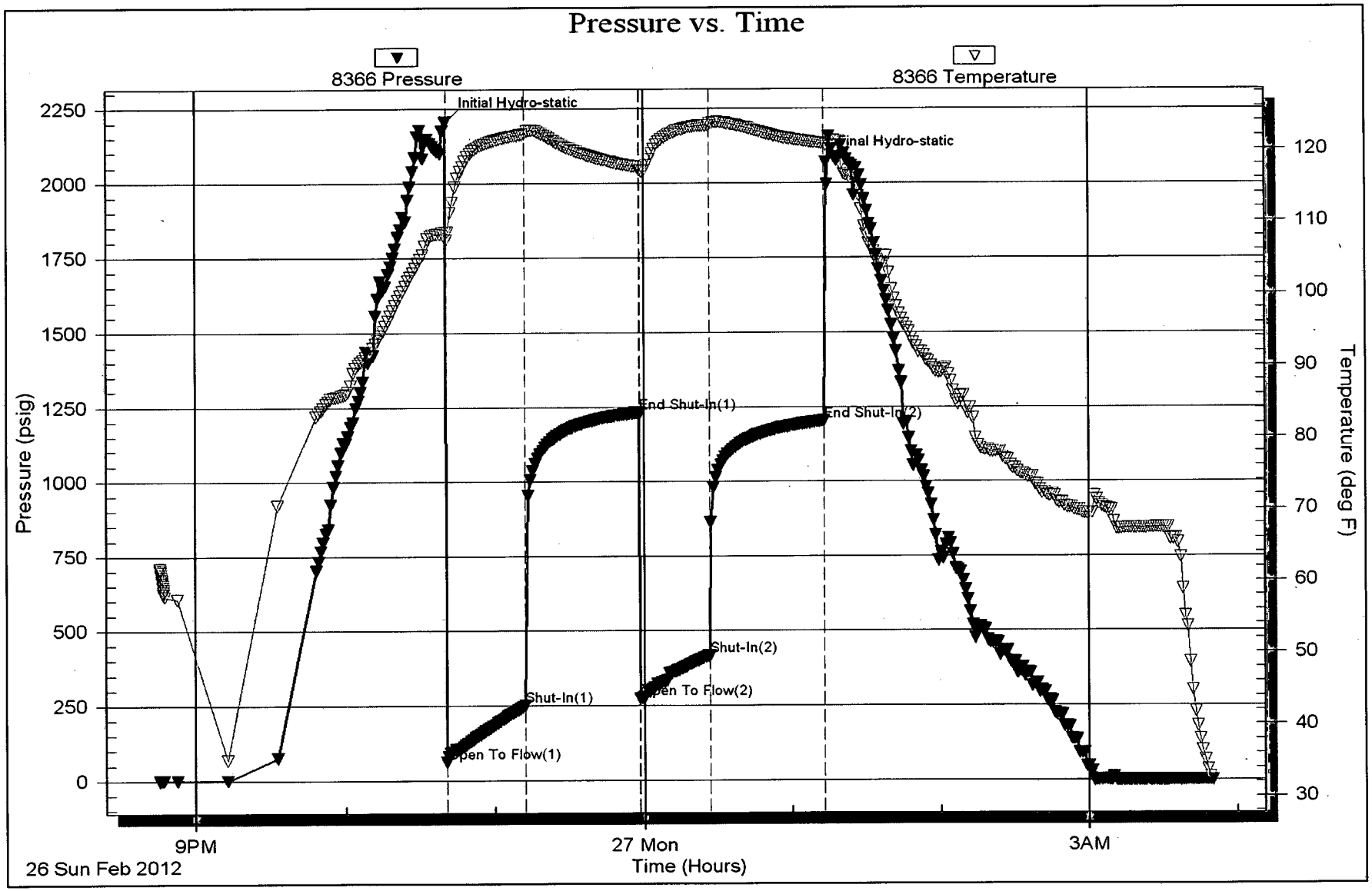
Total Length: 940.00 ft Total Volume: 12.912 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

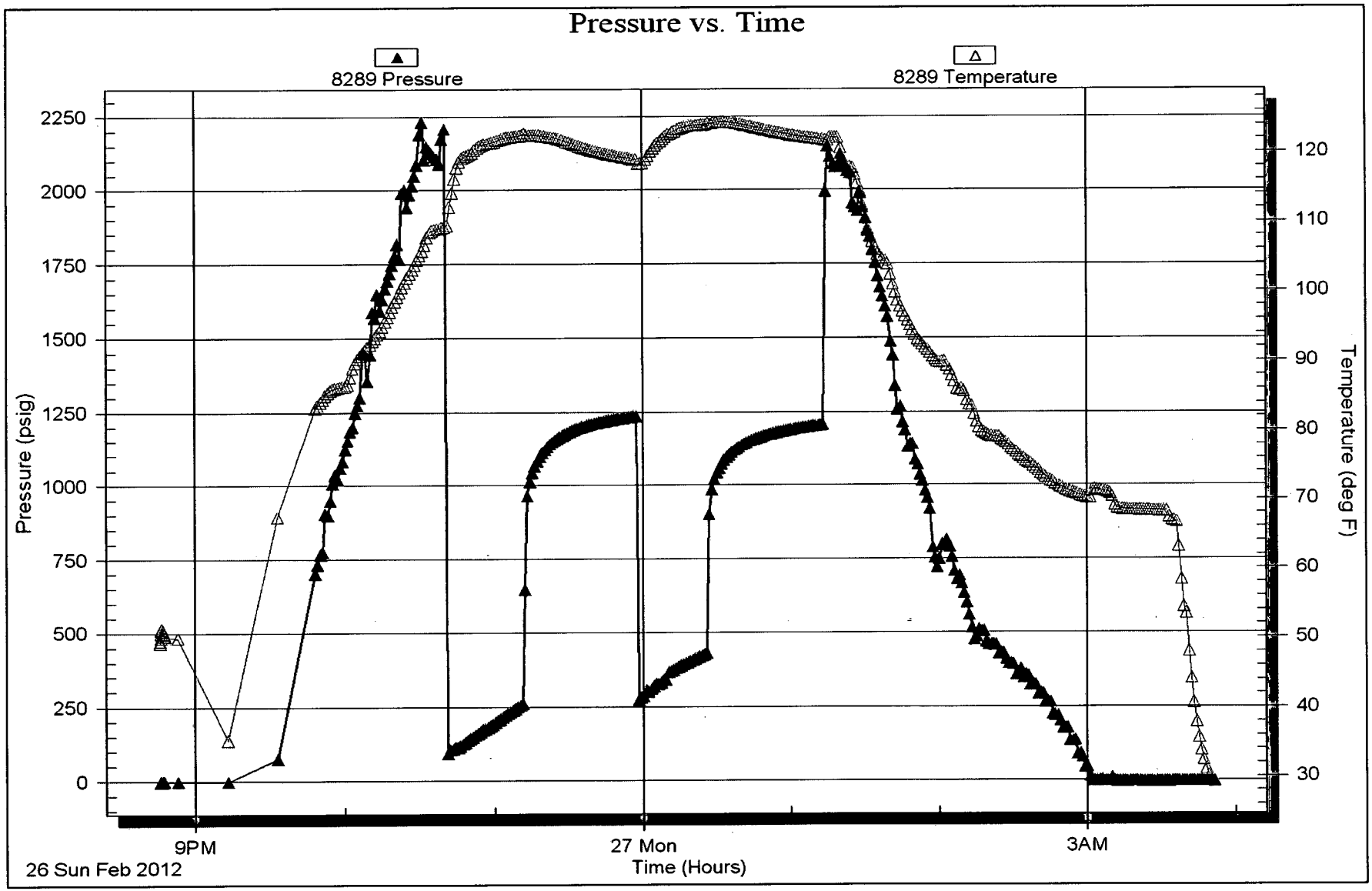
Recovery Comments:

Serial #: 8366 **Inside** Downing Nelson Oil Co., Inc. McCoy-Pelton #2-29 DST Test Number: 2

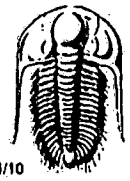


Trilobite Testing, Inc Ref. No: 46441 Printed: 2012.02.29 @ 09:13:13

Serial #: 8289 **Outside** Dow ning Nelson Oil Co., Inc. McCoy-Pelton #2-29 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 46441 Printed: 2012.02.29 @ 09:13:13



4/10

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 28 2012
BY:

Test Ticket

NO. 46440

Well Name & No. McCoy - Pelton #D-29 Test No. 1 Date 2-26-12

Company Downing Nelson Oil Co. Inc. Elevation 2160 KB 2150 GL

Address PO Box 1019, Hays, KS. 67601

Co. Rep / Geo. Marc Downing Rig Discovery #4

Location: Sec. 29 Twp. 20s Rge. 20w Co. Pawnee State KS

Interval Tested 4256 - 4298 Zone Tested Mississippi

Anchor Length 42' Drill Pipe Run 4227 Mud Wt. 9.2

Top Packer Depth 4251 Drill Collars Run 30 Vis 56

Bottom Packer Depth 4256 Wt. Pipe Run 0 WL 7.8

Total Depth 4298 Chlorides 4600 ppm System LCM 2#

Blow Description IFP - Packer Failure, Pull Tool

ISI -

FFP -

FSI -

Rec 150	Feet of Drilling Mud	%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	Feet of	%gas	%oil	%water	%mud

Rec Total 150 BHT Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic	Test 1025	T-On Location 15:05
(B) First Initial Flow	Jars 250	T-Started 16:36
(C) First Final Flow	Safety Joint 75	T-Open 15:23
(D) Initial Shut-In	☐ Circ Sub	T-Pulled 18:37
(E) Second Initial Flow	☐ Hourly Standby	T-Out 20:24
(F) Second Final Flow	Mileage 114 159.60	Comments
(G) Final Shut-In	☐ Sampler	
(H) Final Hydrostatic	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open	☐ Extra Packer	☐ Extra Copies
Initial Shut-In	☐ Extra Recorder	Sub Total 0
Final Flow	☐ Day Standby	Total 1509.60
Final Shut-In	☐ Accessibility	MP/DST Disc't
	Sub Total 1509.60	

Approved By Our Representative Jason McLemore Thank You

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
FEB 28 2012
BY:

Test Ticket

NO. 46441

Well Name & No. McCoy - Pelton #2-29 Test No. 2 Date 2-26-12

Company Downing Nelson Oil Co, Inc Elevation 2160 KB 2150 GL

Address PO Box 1019, Hays, Ks. 67601

Co. Rep / Geo. Mark Downing Rig Discovery #4

Location: Sec. 29 Twp. 20s Rge. 20w Co. Pawnee State Ks

Interval Tested 4234-4298 Zone Tested Mississippi

Anchor Length 64' Drill Pipe Run 4196 Mud Wt. 9.2

Top Packer Depth 4229 Drill Collars Run 30 Vis 56

Bottom Packer Depth 4234 Wt. Pipe Run 0 WL 7.8

Total Depth 4298 Chlorides 4600 ppm System LCM 2#

Blow Description IFP- Strong, BOB in 4 min.
ISI- Blowback Built to 6"
FFP- Strong, BOB in 4 min.
FSI - Blowback Built to ½"

Rec 880	Feet of Gassy Oil	30 %gas	70 %oil	%water	%mud	
Rec 60	Feet of Gassy Muddy Oil	30 %gas	60 %oil	%water	10 %mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of 440' GIP	%gas	%oil	%water	%mud	

Rec Total 940 BHT Gravity 37 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2203	Test 1225	T-On Location 20:24	
(B) First Initial Flow 61	Jars 250	T-Started 20:43	
(C) First Final Flow 251	Safety Joint 75'	T-Open 22:34	
(D) Initial Shut-In 1233	☐ Circ Sub	T-Pulled 1:04	
(E) Second Initial Flow 273	☐ Hourly Standby	T-Out 3:45	
(F) Second Final Flow 417	Mileage N/C	Comments	
(G) Final Shut-In 1205	☐ Sampler		
(H) Final Hydrostatic 2068	☐ Straddle	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open 30	☐ Extra Packer	☐ Extra Copies	
Initial Shut-In 45	☐ Extra Recorder	Sub Total 0	
Final Flow 30	☐ Day Standby	Total 1550	
Final Shut-In 45	☐ Accessibility	MP/DST Disc't	
	Sub Total 1550		

Approved By Our Representative Jason McLemore Thank You