



KANSAS CORPORATION COMMISSION 1089491
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 # 34352
Name: N-10 Exploration, LLC
Address 1: 124 N MAIN
Address 2: PO BOX 195
City: ATTICA State: KS Zip: 67009 +
Contact Person: Randy Newberry
Phone: (620) 254-7251
CONTRACTOR: License # 33902
Name: Hardt Drilling LLC
Wellsite Geologist: Tim Pierce
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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>4/23/2012</u>	<u>5/01/2012</u>	<u>5/24/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23858-00-00
Spot Description: Approx. SE NW
E2_W2_SE_NW Sec. 10 Twp. 34 S. R. 11 East West
1980 Feet from North / South Line of Section
1855 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber
Lease Name: Medicine River Ranch Well #: D5
Field Name: Landis

Producing Formation: Mississippi
Elevation: Ground: 1344 Kelly Bushing: 1354
Total Depth: 4892 Plug Back Total Depth: 4816
Amount of Surface Pipe Set and Cemented at: 256 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: 32000 ppm Fluid volume: 320 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Jody Oil & Gas Corp
Lease Name: Sanders 3A SWD License #: 3288
Quarter SW Sec. 20 Twp. 31 S. R. 8 East West
County: Harper Permit #: D-23313

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: 08/07/2012



1089491

Operator Name: N-10 Exploration, LLC Lease Name: Medicine River Ranch Well #: D5
 Sec. 10 Twp. 34 S. R. 11 East West County: Barber

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)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Mississippi	4531	(-3177)
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Dual Induction				
Dual Compensated Porosity				

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	12.25	8.625	24	256	60:40 poz	225	3% cc, 2% gel
Production	7.875	5.5	14	4857	Class H	150	10% salt, 5# Kolseal

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
2	4540 - 4600	Acid 3250 gal 15% MCA	
		Frac 3513 sx 30/70 sand	
		930 sx 16/30 sand	
		195 sx Resin Coated Sand	

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>4664</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method:			
<u>5/26/2012</u>	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
	<u>20</u>	<u>220</u>	<u>350</u>	<u>111</u>
				Gravity <u>28</u>

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4)	<u>4540 - 4600</u>
	<input type="checkbox"/> Other (Specify) _____	

ALLIED OIL & GAS SERVICES, LLC 054070

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

SERVICE POINT:
Medicine Lodge

DATE <i>4-23-12</i>	SEC. <i>15</i>	TWR. <i>345</i>	RANGE <i>11W</i>	CALLED OUT <i>4:30</i>	ON LOCATION <i>5:30</i>	JOB START <i>10:50</i>	JOB FINISH <i>7:20</i>
LEASE <i>Medicine</i> APWELL # <i>25</i>			LOCATION <i>2814 Scott Canyon Rd, East</i>		COUNTY <i>Barber</i>	STATE <i>Ks.</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD			dN to Rig				

CONTRACTOR <i>Hardt #1</i>	OWNER <i>N-10</i>
TYPE OF JOB <i>Surface</i>	CEMENT
HOLE SIZE <i>17 1/4</i>	AMOUNT ORDERED <i>225 x 60 140 130 cc</i>
CASING SIZE <i>858</i>	<i>+ 2 gal</i>
TUBING SIZE	
DRILL PIPE	
TOOL	
PREL. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG. <i>15'</i>	
PERFS.	
DISPLACEMENT <i>15 1/2</i>	

EQUIPMENT

PUMP TRUCK	CEMENTER <i>Ranga</i>
# <i>471-302</i>	HELPER <i>Derick G.</i>
BULK TRUCK	
# <i>364</i>	DRIVER <i>Troy L.</i>
BULK TRUCK	
#	DRIVER

REMARKS:
*Pipe on Bottom Break Circulation
Pump 3 Bbls Ahead Mix All Cement
Start Displacement Wash up
on top Plug Shut in Cement
Did Circulate*

COMMON <i>135</i>	@ <i>16.25</i>	<i>2193.75</i>
POZMIX <i>90</i>	@ <i>8.50</i>	<i>765.00</i>
GEL <i>4</i>	@ <i>21.25</i>	<i>85.00</i>
CHLORIDE <i>8</i>	@ <i>58.20</i>	<i>465.60</i>
ASC	@	
<i>sugar 50 #</i>	@ <i>2.00</i>	<i>100.00</i>
	@	
	@	
	@	
	@	
	@	
HANDLING <i>237</i>	@ <i>2.25</i>	<i>533.25</i>
MILEAGE <i>237/11/15</i>		<i>391.05</i>
TOTAL		<i>4533.65</i>

CHARGE TO: *N-10*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		<i>2510'</i>
PUMP TRUCK CHARGE		<i>1125.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>15</i>	@ <i>7.00</i>	<i>105.00</i>
MANIFOLD	@	
<i>light Veh. 15</i>	@ <i>4.00</i>	<i>60.00</i>
	@	
TOTAL		<i>1290.00</i>

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.

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		_____

PRINTED NAME _____

SIGNATURE *Scott Adkins*

SALES TAX (If Any) _____

TOTAL CHARGES *5823.65*

DISCOUNT _____ IF PAID IN 30 DAYS

NET 4658.92

ALLIED OIL & GAS SERVICES, LLC 054019

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

SERVICE POINT:
Mch. Laback

DATE <i>5-2-12</i>	SEC <i>15</i>	TWP <i>36S</i>	RANGE <i>11W</i>	CALLED OUT	ON LOCATION	JOB START <i>11:00 AM</i>	JOB FINISH <i>12:30 PM</i>
LEASE <i>M.R.R.</i>	WELL # <i>0-5</i>	LOCATION <i>281 + Scott Canyon Rd.</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		<i>East + North to R33</i>					

CONTRACTOR <i>Hart R33 #1</i>	OWNER <i>N-10 Exploration</i>
TYPE OF JOB <i>regeneration</i>	
HOLE SIZE <i>7 7/8</i>	T.D. <i>4891'</i>
CASINO SIZE <i>5 1/2</i>	DEPTH <i>4846'</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>1400 psi</i>	MINIMUM
MEAS. LINE	SHOE JOINT <i>33'</i>
CEMENT LEFT IN CSG. <i>33'</i>	
PERFS.	
DISPLACEMENT	

CEMENT
AMOUNT ORDERED: *40 sacks 60:40:4% gel + 4 1/2 sacks 150 sack class # + 10% soft + 5% val seal*

COMMON	<i>24 sk</i>	@ <i>16.25</i>	<i>390.00</i>
POZMIX	<i>16 sk</i>	@ <i>8.50</i>	<i>136.00</i>
GEL	<i>220 lbs 25 sk</i>	@ <i>21.25</i>	<i>42.50</i>
CHLORIDE		@	
ASC		@	
<i>Class H</i>	<i>150 sk</i>	@ <i>19.25</i>	<i>2887.50</i>
<i>Soft</i>	<i>15 sk</i>	@ <i>23.95</i>	<i>359.25</i>
<i>Kal seal</i>	<i>750 lbs</i>	@ <i>.89</i>	<i>667.50</i>
<i>SMS</i>	<i>14 lbs</i>	@ <i>3.00</i>	<i>42.00</i>
<i>Claro</i>	<i>14 gal.</i>	@ <i>31.25</i>	<i>437.50</i>
<i>ASF</i>	<i>500 gal.</i>	@ <i>1.27</i>	<i>635.00</i>
		@	
		@	
HANDLING	<i>227</i>	@ <i>2.25</i>	<i>510.75</i>
MILEAGE	<i>227/11/15</i>		<i>374.55</i>
			TOTAL <i>6482.55</i>

EQUIPMENT

PUMP TRUCK	CEMENTER <i>Walt Stensch</i>
# <i>360/265</i>	HELPER <i>Ron Colley</i>
BULK TRUCK	
# <i>364</i>	DRIVER <i>Garrett Mulerovic</i>
BULK TRUCK	
#	DRIVER

REMARKS:
Thank You.

SERVICE

DEPTH OF JOB	<i>4846'</i>	
PUMP TRUCK CHARGE	<i>2405.00</i>	
EXTRA FOOTAGE	@	
MILEAGE	<i>15</i>	@ <i>7.00</i> <i>105.00</i>
MANIFOLD <i>Heap Rental</i>	@ <i>200.00</i>	<i>200.00</i>
<i>light concrete</i>	<i>15</i>	@ <i>4.00</i> <i>60.00</i>
	@	
TOTAL <i>2770.00</i>		

CHARGE TO: *N-10 Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

5/2 PLUG & FLOAT EQUIPMENT

<i>1- Reversible shoe</i>	@ <i>240</i>	<i>240.00</i>
<i>1- Air insert</i>	@ <i>286</i>	<i>286.00</i>
<i>10- Recip. scrapers</i>	@ <i>76</i>	<i>760.00</i>
<i>8- centralizers</i>	@ <i>49</i>	<i>392.00</i>
<i>1- Rubber plug</i>	@ <i>73</i>	<i>73.00</i>
TOTAL <i>1751.00</i>		

To: Allied Oil & Gas Services, LLC.
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SALES TAX (If Any) _____

TOTAL CHARGES # *11,003.55*

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME *TIM PIERCE*

SIGNATURE *Tim Pierce*

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
 LEASE Medicine River Ranch 'D' #5
 FIELD Landis
 LOCATION 1980' FNL & 1855' FWL
 SEC 10 TWSP 34S RGE 11W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling Rig #1
 SPUD 4-23-2012 COMP 5-01-2012
 RTD 4891 LTD 4892
 MUD UP 3000 TYPE MUD Chemical

SAMPLES SAVED FROM 4000 TO RTD
 DRILLING TIME KEPT FROM 4000 TO RTD
 SAMPLES EXAMINED FROM 4000 TO RTD
 GEOLOGICAL SUPERVISION FROM 4171' to RTD
 GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1354'
 DF _____
 GL 1344'

Measurements Are All
From Kelly Bushing

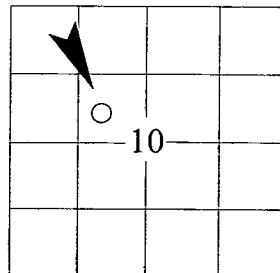
CASING

CONDUCTOR _____
 SURFACE 8-5/8" at 256'
 PRODUCTION 5-1/2" at 4857'

ELECTRICAL SURVEYS

DIL / CN-CD
Log-Tech

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Sh.	3587 (-2233)	NA
Stark Sh.	4276 (-2922)	4275 (-2921)
Cherokee Sh.	4493 (-3139)	4492 (-3138)
Mississippi	4531 (-3177)	4536 (-3182)
Kinderhook Sh.	4734 (-3380)	4734 (-3380)
Chattanooga Sh.	4818 (-3464)	4816 (-3462)
Viola	4861 (-3507)	4865 (-3511)



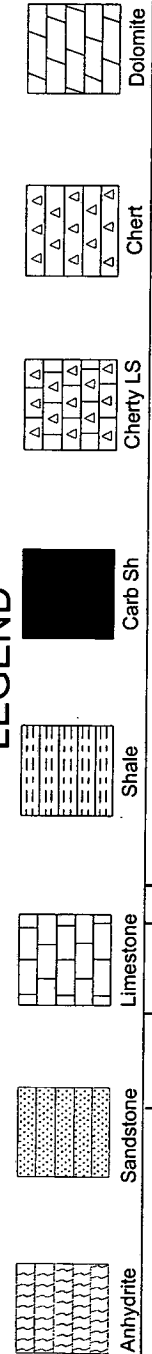
API # 15-007-23,858

REMARKS

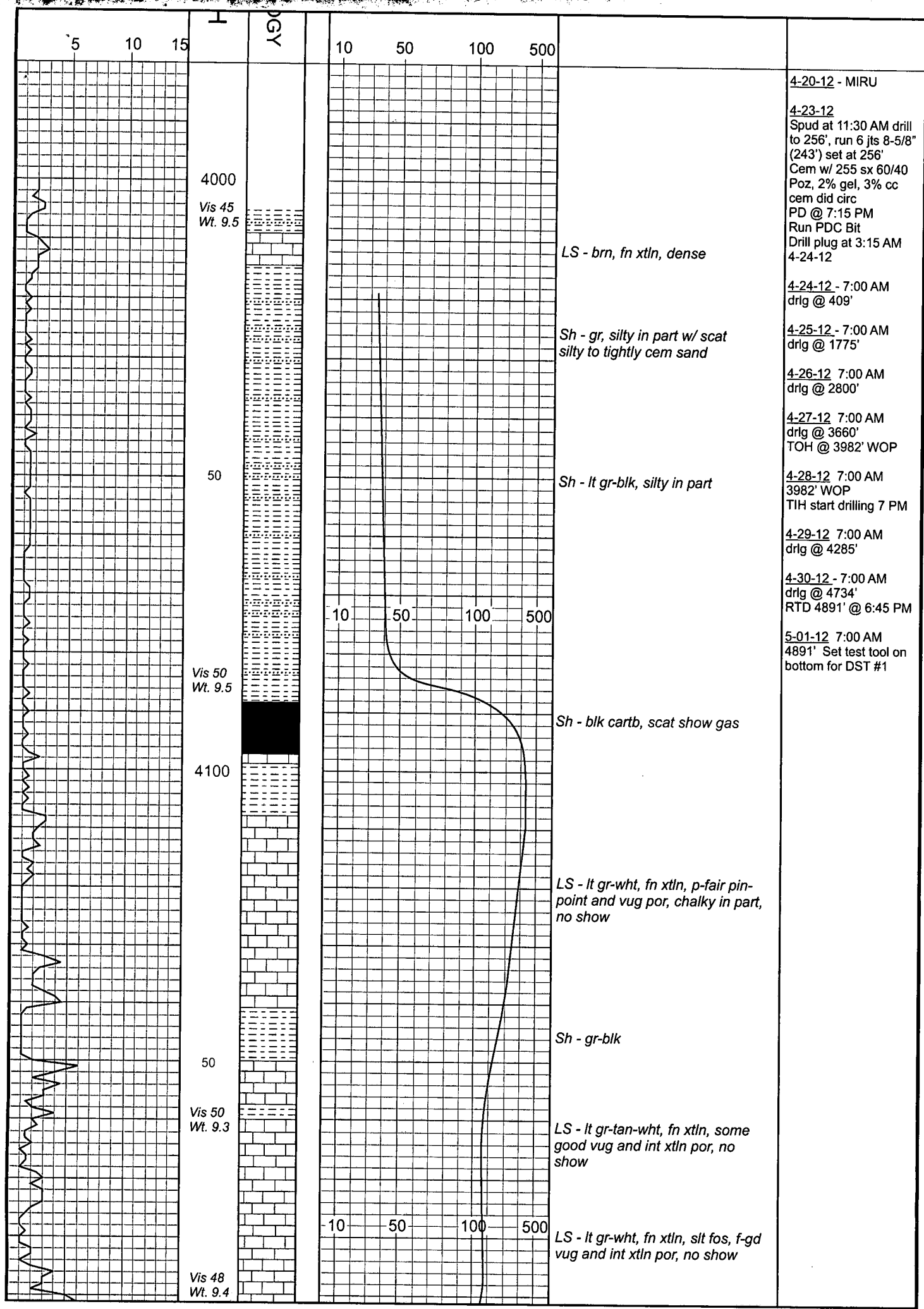
Samples and electric logs indicate a productive zone in the Mississippi from 4540'-4600'.
The Cherokee Sand from 4521'-4526' carried a show of oil, this zone should be perforated and treated before this well is abandoned.
The Pawnee LS from 4450'-4453' carried a gas kick, however no sample show was observed, this zone should be considered
The Hushpuckney shale at 4306'-4312' carried a slight show of gas and oil, and the black shale at 4088'-4095' carried a show of gas
A gas increase was noted in the Indian Cave section from 2682'-2600', electric logs indicate this zone could be gas productive.
A slight show was noted in the Meisner section, this interval was evaluated by DST after electric logs were run.
There were no other zones of interest indicated by samples or electric logs

Timothy G. Pierce

LEGEND



DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases ↑	GAS SCALE	SAMPLE DESCRIPTION	REMARKS



4-20-12 - MIRU

4-23-12
 Spud at 11:30 AM drill to 256', run 6 jts 8-5/8" (243') set at 256' Cem w/ 255 sx 60/40 Poz, 2% gel, 3% cc cem did circ PD @ 7:15 PM Run PDC Bit Drill plug at 3:15 AM 4-24-12

4-24-12 - 7:00 AM drlg @ 409'

4-25-12 - 7:00 AM drlg @ 1775'

4-26-12 7:00 AM drlg @ 2800'

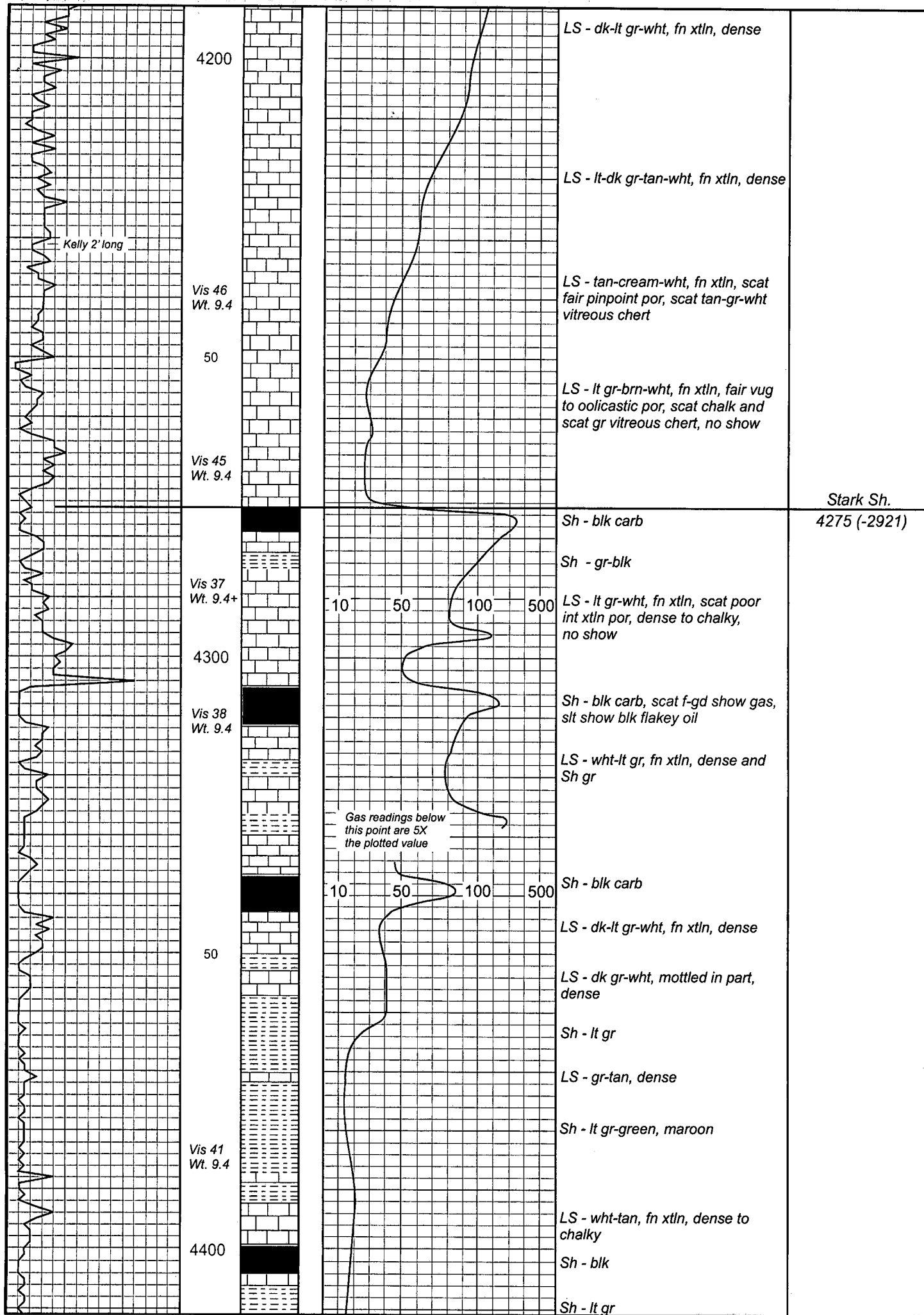
4-27-12 7:00 AM drlg @ 3660' TOH @ 3982' WOP

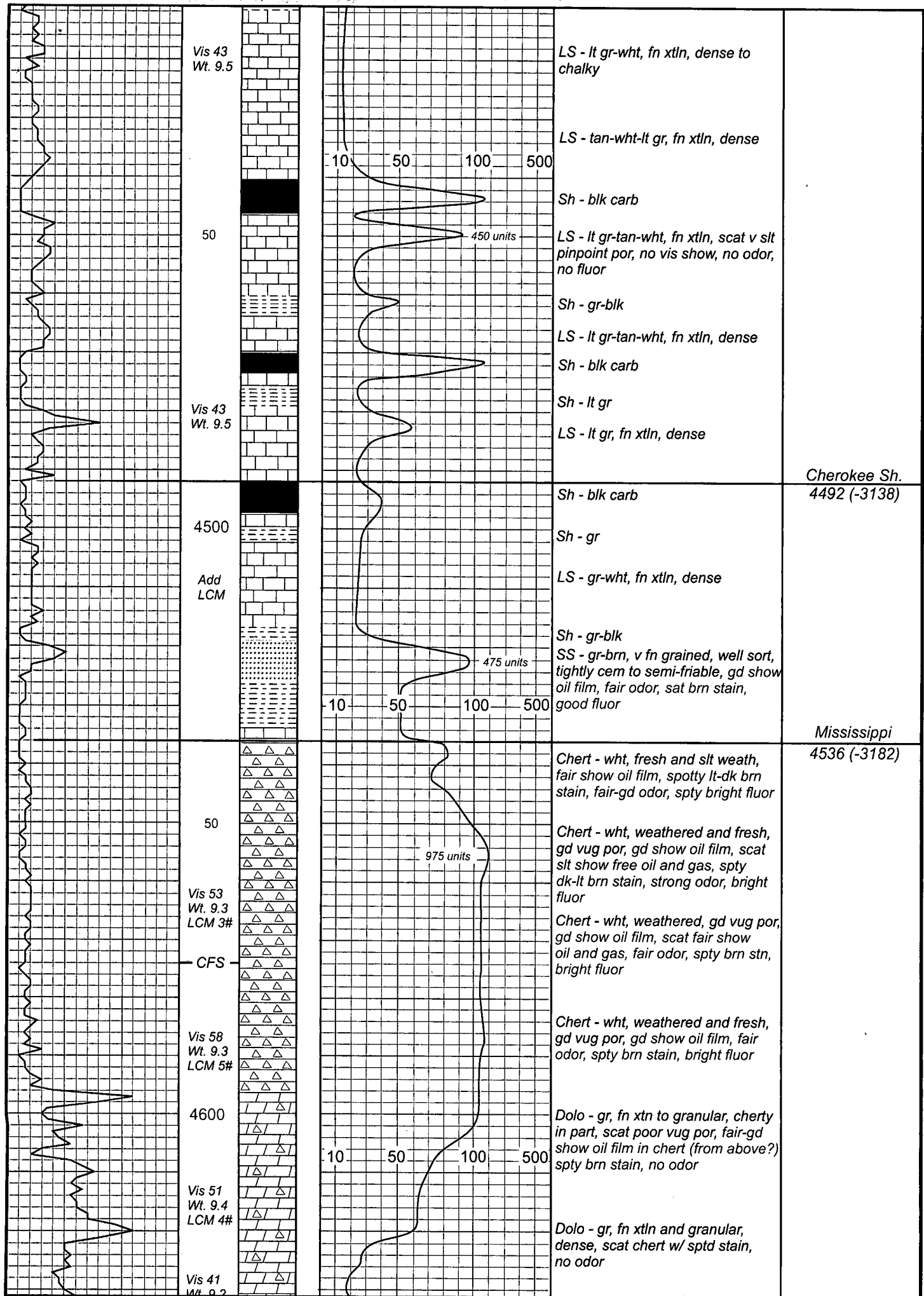
4-28-12 7:00 AM 3982' WOP TIH start drilling 7 PM

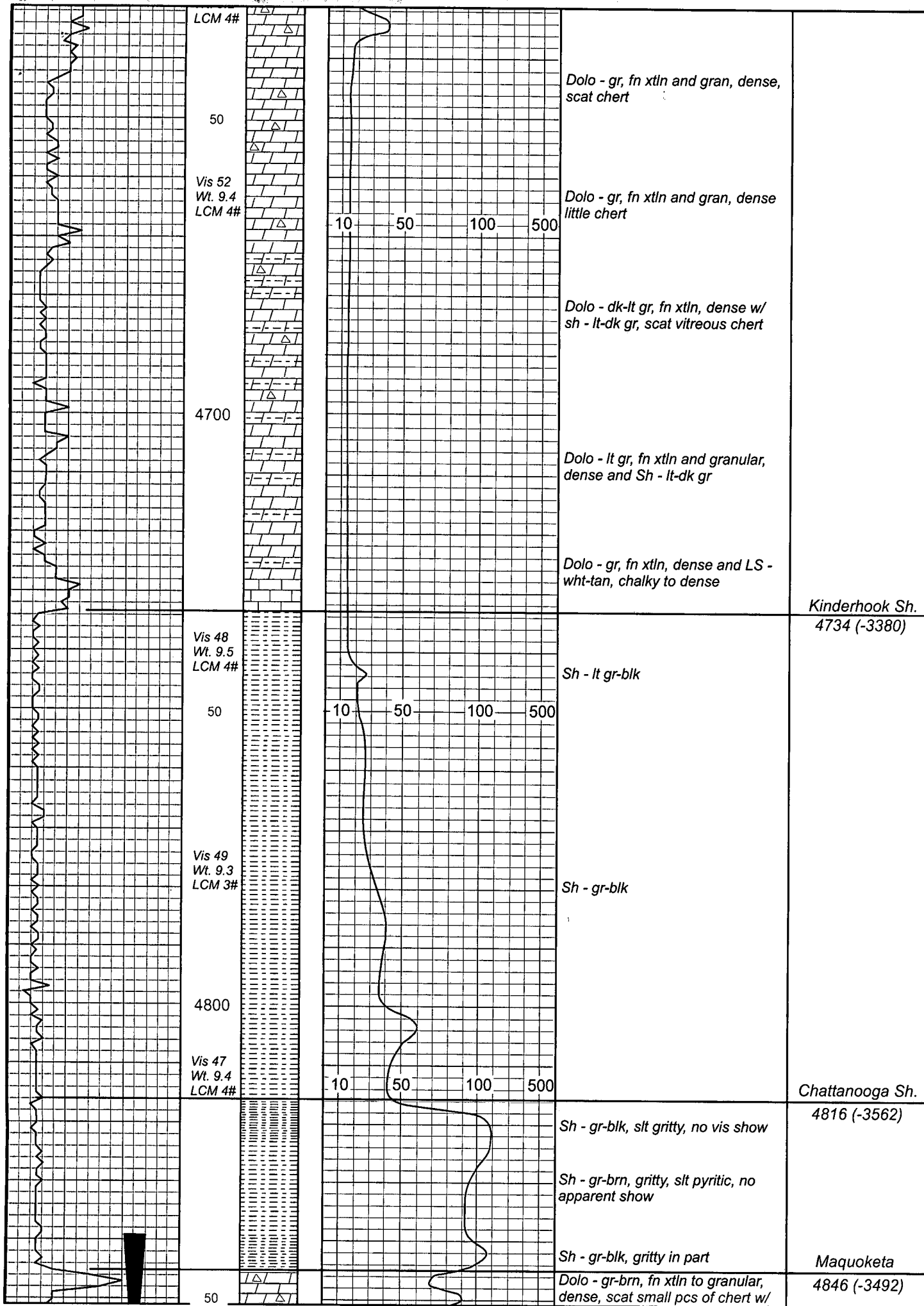
4-29-12 7:00 AM drlg @ 4285'

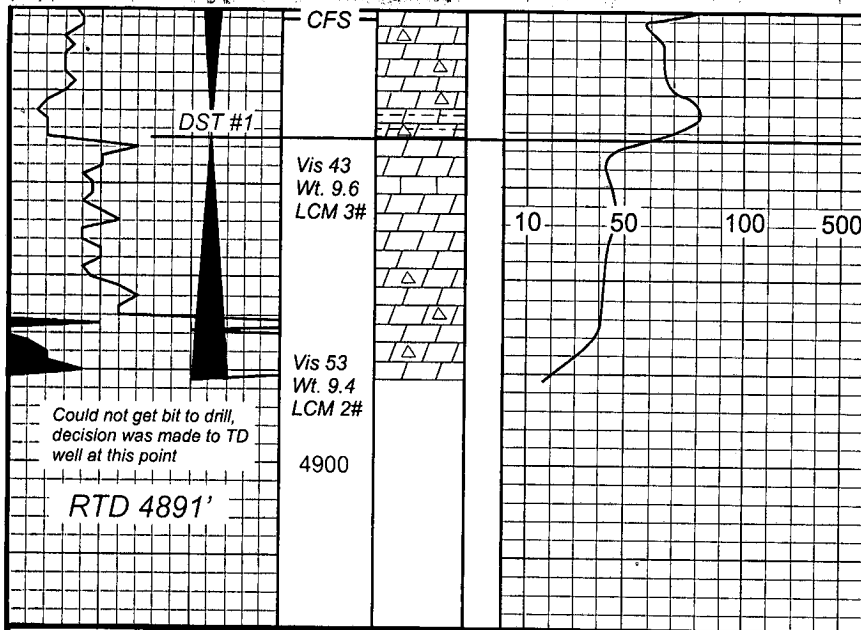
4-30-12 - 7:00 AM drlg @ 4734' RTD 4891' @ 6:45 PM

5-01-12 7:00 AM 4891' Set test tool on bottom for DST #1









slt show oil, spty stain, bright fluor, no odor, scat tightly cem sand w/ no show
Dolo - gr-brn, fn xtlm and gran, w/ sh - gr-blk, scat chert

Viola
4865 (-3511)

Dolo / LS - lt gr-tan-wht, fn xtlm, dense to very chalky, no vis por, no show

DST #1
4839-4891
30-60-30-60

Dolo / LS - lt gr-wht, mottled in part, dense to chalky, scat gr vitreous chert, no show

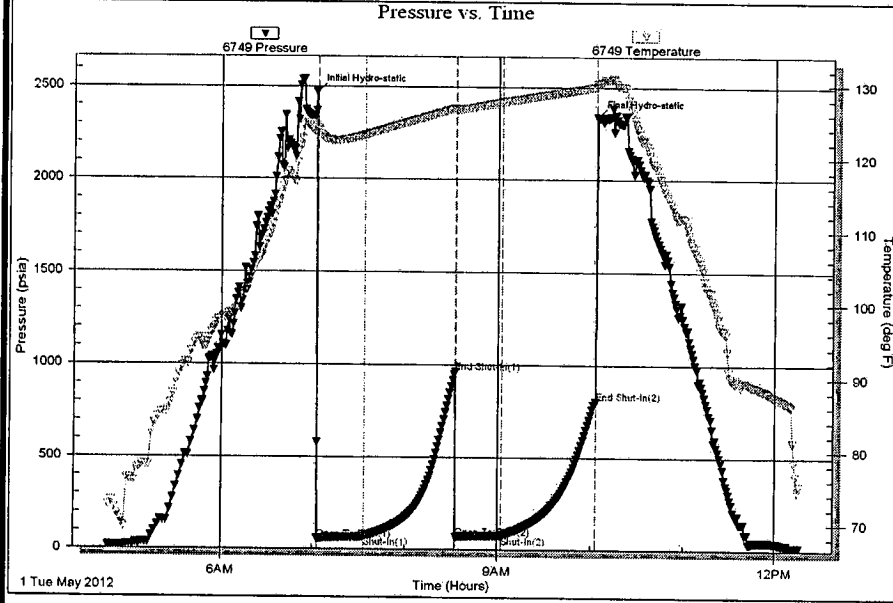
1st open: Wk blow incr to 3 inches

2nd open: Wk blow incr to 1-1/4 inches

Rec. - 90' GIP
30' Mud w/ show of oil in tool

IFP: 54-68#
FFP: 68-75#
SIP: 962-805#
HP: 2468-2335#
BHT: 130 degrees

Serial #: 6749 Inside N-10 Exploration LLC Medicine River Ran D5 DST Test Number: 1



DST #1
4839-4891
30-60-30-60

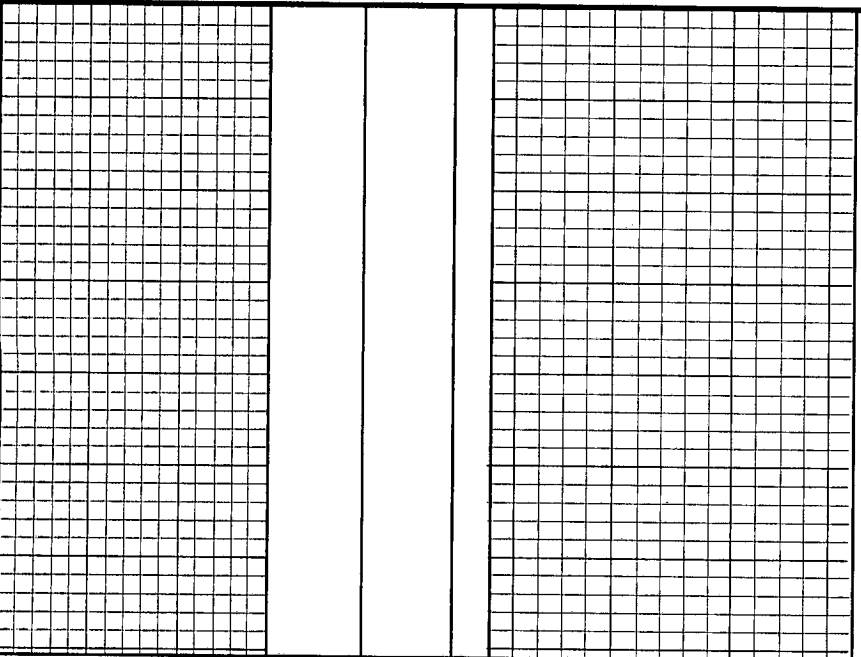
1st open: Wk blow incr to 3 inches

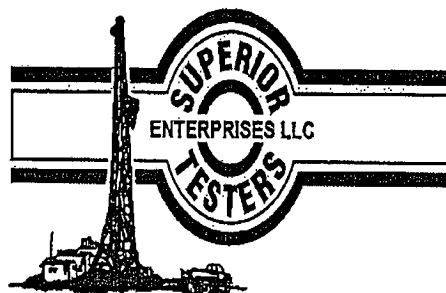
2nd open: Wk blow incr to 1-1/4 inches

Rec. - 90' GIP
30' Mud w/ show of oil in tool

IFP: 54-68#
FFP: 68-75#
SIP: 962-805#
HP: 2468-2335#
BHT: 130 degrees

Trilobite Testing, Inc Ref. No: 17637 Printed: 2012.05.01 @ 12:58:50





DRILL STEM TEST REPORT

Prepared For: **N-10 Exploration LLC**

124 N Main
PO Box 195
Attica, Kansas 67009

ATTN: Tim Pierce

Medicine RiverRan D5

10/34S/11W/Barber

Start Date: 2012.05.01 @ 04:45:00

End Date: 2012.05.01 @ 12:15:30

Job Ticket #: 17637 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.05.01 @ 13:08:54

N-10 Exploration LLC

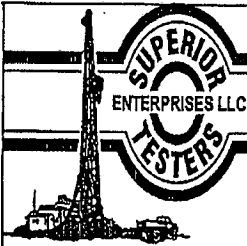
10/34S/11W/Barber

Medicine RiverRan D5

DST # 1

Meisner

2012.05.01



DRILL STEM TEST REPORT

N-10 Exploration LLC

10/34S/11W/Barber

124 N Main
PO Box 195
Attica, Kansas 67009
ATTN: Tim Pierce

Medicine RiverRan D5

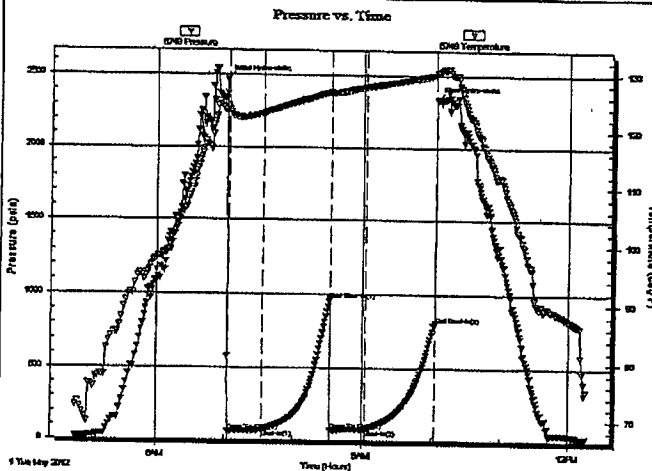
Job Ticket: 17637 DST#: 1
Test Start: 2012.05.01 @ 04:45:00

GENERAL INFORMATION:

Formation: Melsner
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:03:00
Time Test Ended: 12:15:30
Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Pratt/96
Interval: 4839.00 ft (KB) To 4891.00 ft (KB) (TVD)
Total Depth: 4891.00 ft (KB) (TVD)
Reference Elevations: 1354.00 ft (KB)
1344.00 ft (CF)
Hole Diameter: 7.88 inches
Hole Condition: Fair
KB to GR/CF: 10.00 ft

Serial #: 6749 Inside
Press@RunDepth: 75.98 psia @ 4887.12 ft (KB)
Capacity: 5000.00 psia
Start Date: 2012.05.01 End Date: 2012.05.01 Last Calib.: 2012.05.01
Start Time: 04:46:00 End Time: 12:15:30 Time On Btm: 2012.05.01 @ 07:02:00
Time Off Btm: 2012.05.01 @ 10:03:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 3 inches in bucket of water
1ST Shut In 60 Minutes/No blow back
2ND Open 30 Minutes/Weak blow/Blow built to 1 1/4 inch in bucket of water
2ND Shut In 60 Minutes/No blow back



PRESSURE SUMMARY

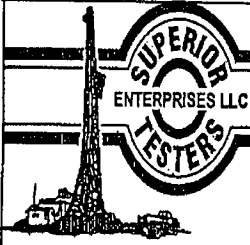
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2468.38	124.41	Initial Hydro-static
1	54.87	124.06	Open To Flow (1)
32	68.90	123.14	Shut-In(1)
90	962.93	126.89	End Shut-In(1)
91	68.31	126.60	Open To Flow (2)
120	75.98	127.69	Shut-In(2)
181	805.43	129.83	End Shut-In(2)
182	2335.64	130.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
0.00	90 feet gas in pipe	0.00
30.00	Mud with show of oil in tool/ Mud 100%	0.15

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC

10/34S/11W/Barber

124 N Main
 PO Box 195
 Attica, Kansas 67009
 ATTN: Tim Pierce

Medicine RiverRan D5
 Job Ticket: 17637 DST#: 1
 Test Start: 2012.05.01 @ 04:45:00

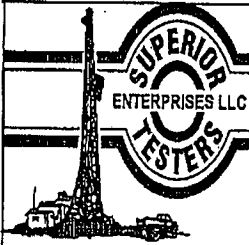
Tool Information

Drill Pipe:	Length: 4603.00 ft	Diameter: 3.88 inches	Volume: 67.32 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:	20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	120000.0 lb
			<u>Total Volume: 68.50 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4839.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	52.12 ft				
Tool Length:	72.12 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4824.00	
Hydraulic Tool	5.00			4829.00	
Packer	5.00			4834.00	20.00
Packer	5.00			4839.00	Bottom Of Top Packer
Change Over Sub	0.65			4839.65	
Drill Pipe	31.82			4871.47	
Change Over Sub	0.65			4872.12	
Anchor	14.00			4886.12	
Recorder	1.00	6749	Inside	4887.12	
Recorder	1.00	6651	Outside	4888.12	
Bullnose	3.00			4891.12	52.12
					Bottom Packers & Anchor
Total Tool Length:	72.12				



DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC

10/34S/11W/Barber

124 N Main
 PO Box 195
 Attica, Kansas 67009
 ATTN: Tim Pierce

Medicine RiverRan D5
 Job Ticket: 17637 DST#: 1
 Test Start: 2012.05.01 @ 04:45:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil APt:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	90 feet gas in pipe	0.000
30.00	Mud with show of oil in tool/ Mud 100%	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

