



KANSAS CORPORATION COMMISSION 1087503
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 # 31191
Name: R & B Oil & Gas, Inc.
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: Kent Roberts
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 #: _____

| | | |
|-----------------------------------|------------------|---|
| <u>3/6/2012</u> | <u>3/13/2012</u> | <u>3/28/2012</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-007-23846-00-00
Spot Description: C SW SW
SW SW Sec. 32 Twp. 32 S. R. 10 East West
660 Feet from North / South Line of Section
660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Traffas B Well #: 9
Field Name: Antrim South
Producing Formation: Mississippi
Elevation: Ground: 1539 Kelly Bushing: 1549
Total Depth: 5000 Plug Back Total Depth: 4958
Amount of Surface Pipe Set and Cemented at: 268 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: 240 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Hart Energies, LLC
Lease Name: Priscilla SWDW License #: 32798
Quarter SW Sec. 12 Twp. 34 S. R. 10 East West
County: Barber Permit #: D-30604

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 Gantner Date: 07/23/2012



1087503

Operator Name: R & B Oil & Gas, Inc. Lease Name: Traffas B Well #: 9
 Sec. 32 Twp. 32 S. R. 10 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 <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 Dual Compensated Porosity | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Mississippi</td> <td>4540</td> <td>(-2991)</td> </tr> </table> | Name | Top | Datum | Mississippi | 4540 | (-2991) |
| Name | Top | Datum | | | | | |
| Mississippi | 4540 | (-2991) | | | | | |

| 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 | 268 | 60:40 Poz | 225 | 2% Gel, 3% CC |
| Production | 7.875 | 5.5 | 14 | 4990 | Class H | 175 | 10% Salt, 5# Kolsea' |
| | | | | | | | |

| 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 | 4510 - 4516 | 4539 - 4610 | 4250 gal 15% HCL-NE-FE Acid | |
| | | | Frac 2647sx 30/50 sand | |
| | | | 400 sx 16/30 sand | |
| | | | 210sx 16/30 Resin Coated Sand | |
| | | | | |

| | | | | |
|----------------|-------------|--------------|------------|--|
| TUBING RECORD: | Size: 2.875 | Set At: 4719 | Packer At: | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|----------------|-------------|--------------|------------|--|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. 4/2/2012 | 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. 14 | Gas Mcf 90 | Water Bbls. 220 | Gas-Oil Ratio 641 | Gravity |
|-----------------------------------|-----------------|---------------|--------------------|----------------------|---------|

| | | |
|---|---|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Ventd <input checked="" 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"/> Dualy Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: 4510 - 4516 4539 - 4610 |
|---|---|--|

ALLIED CEMENTING CO., LLC. 038023

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

SERVICE POINT:
Madison Lake KS

| | | | | | | | |
|--------------------------------------|---------------|--|------------------|------------|----------------------|--------------------------|---------------------------|
| DATE <i>03/06/2012</i> | SEC <i>32</i> | TWP. <i>32</i> | RANGE <i>10W</i> | CALLED OUT | ON LOCATION | JOB START <i>2:00 pm</i> | JOB FINISH <i>2:30 pm</i> |
| LEASE <i>Traffic</i> WELL # <i>9</i> | | LOCATION <i>3 south of Sharon KS on West</i> | | | COUNTY <i>Barber</i> | STATE <i>KS</i> | |
| OLD OR (NEW) (Circle one) | | side of town, 1 west, N into | | | | | |

| | |
|--|----------------------------|
| CONTRACTOR <i>Hardt Drlg Rig #1</i> | OWNER <i>R+B oil + Gas</i> |
| TYPE OF JOB <i>Surface</i> | |
| HOLE SIZE <i>12 1/4</i> | T.D. <i>268</i> |
| CASING SIZE <i>8 1/2</i> | DEPTH <i>270</i> |
| TUBING SIZE | DEPTH |
| DRILL PIPE | DEPTH |
| TOOL | DEPTH |
| PRES. MAX <i>300 PSI</i> | MINIMUM |
| MEAS. LINE | SHOE JOINT |
| CEMENT LEFT IN CSO. <i>12H</i> | |
| PERFS. | |
| DISPLACEMENT <i>16.43 bls H₂O</i> | |

| | |
|--------|--|
| CEMENT | AMOUNT ORDERED <i>225sx 60:40:2% Gel + 3% cc</i> |
|--------|--|

| | | | |
|----------------------------|--|---------------|----------------|
| EQUIPMENT | | | |
| PUMP TRUCK # <i>36/265</i> | CEMENTER <i>Jason Piasch/Justin Thibault</i> | | |
| | HELPER <i>Adam Miller</i> | | |
| BULK TRUCK # <i>38/250</i> | DRIVER <i>George Wright</i> | | |
| BULK TRUCK # | DRIVER | | |
| HANDLING <i>23B</i> | | @ <i>2.25</i> | <i>531</i> |
| MILBAGB <i>286x10x11</i> | | | <i>259.60</i> |
| | | TOTAL | <i>4241.75</i> |

REMARKS:
Broke circ. w/ track, prepared 5 chds, mixed + prepared 225 sx cement, displaced 16.43 bls H₂O, shut in, did circulate cement

| | | | |
|-------------------------|---|-------------|-----------------|
| SERVICE | | | |
| DEPTH OF JOB <i>270</i> | | | |
| PUMP TRUCK CHARGE | | | <i>1,125.00</i> |
| EXTRA FOOTAGE <i>0</i> | @ | | |
| MILEAGE <i>10</i> | @ | <i>7.00</i> | <i>70.00</i> |
| MANIFOLD | @ | | |
| Light vehicle <i>10</i> | @ | <i>4.00</i> | <i>40.00</i> |
| | | TOTAL | <i>1235.00</i> |

CHARGE TO: *R+B Oil + Gas*

STREET _____

CITY _____ STATE _____ ZIP _____

| | | | |
|------------------------|---|-------|--|
| PLUG & FLOAT EQUIPMENT | | | |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| | | TOTAL | |

To Allied Cementing Co., 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.

SALES TAX (If Any) _____

TOTAL CHARGES *5476.75*

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME *Scott C Adelhart*

SIGNATURE *Scott C Adelhart*

Jano

ALLIED OIL & GAS SERVICES, LLC 054059

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

SERVICE POINT: Medicine Lodge

| | | | | | | | |
|--------------------------------|-------------------|---|-------------------|------------|----------------------|------------------|-------------------------|
| DATE <u>3-13-12</u> | SEC <u>32</u> | TWP. <u>32</u> | RANGE <u>10 W</u> | CALLED OUT | ON LOCATION | JOB START | JOB FINISH <u>10:40</u> |
| LEASE <u>Triggs</u> | WELL # <u>A-9</u> | LOCATION <u>Sharon, 35, West, Ninto</u> | | | COUNTY <u>Darber</u> | STATE <u>Ks.</u> | |
| OLD OR <u>NEW</u> (Circle one) | | | | | | | |

CONTRACTOR Yandt #1
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 5000
 CASING SIZE 5 1/2 DEPTH 4970
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 43.25
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 122 Bls.

OWNER R&B Oil & Gas
 CEMENT
 AMOUNT ORDERED 40sx 60' 1/4" 4 + 4% SMS
175sx H+100% salt + 5% Kalscal

EQUIPMENT
 PUMP TRUCK CEMENTER Ron G. / Darin E.
 # 471-302 HELPER Eddie P.
 BULK TRUCK
 # 381-250 DRIVER Brett G.
 BULK TRUCK
 # DRIVER

| | | | | |
|----------------------------|-----------------|---|--------------|----------------------|
| COMMON <u>A</u> | <u>24</u> | @ | <u>16.25</u> | <u>390.00</u> |
| POZMIX | <u>16</u> | @ | <u>8.50</u> | <u>136.00</u> |
| GEL | <u>1</u> | @ | <u>21.25</u> | <u>21.25</u> |
| CHLORIDE | | @ | | |
| ASC | | @ | | |
| ASF | <u>500 Bbls</u> | @ | <u>1.27</u> | <u>635.00</u> |
| KCL | <u>15</u> | @ | <u>31.25</u> | <u>468.75</u> |
| SMS | <u>14</u> | @ | <u>3.00</u> | <u>42.00</u> |
| Salt | <u>17</u> | @ | <u>12.00</u> | <u>204.00</u> |
| Kalscal | <u>875</u> | @ | <u>.89</u> | <u>778.75</u> |
| Class H | <u>175</u> | @ | <u>19.25</u> | <u>3368.75</u> |
| HANDLING | <u>250</u> | @ | <u>2.25</u> | <u>562.50</u> |
| MILBAGS <u>250x 10x.11</u> | <u>(min)</u> | | | <u>344.00</u> |
| | | | | TOTAL <u>6951.00</u> |

REMARKS:
Break Circulation with Rig with pipe
on Bottom Circulate fan on Bottom drop ball
Pump 20 Bls 2% Kcl, 3 Bls Fresh H₂O 500 gal
ASF 3 Bls Fresh H₂O along with 15560 1/2" 4 1/2" 506
and Pump 25sx 60' 1/4" 4% SMS Scavenger Pump
175sx H+100% salt + 5% Kalscal, Stop Wash Pump
Chimes, release plug, Start Rig with 2% KCL
H₂O Slowed to 5 Bls PM with lift slow at 100k
to 3 Bls PM Pump plug 500 over at 1200psi
Plug Held

SERVICE

| | |
|-----------------------------|--------------------------------------|
| DEPTH OF JOB | <u>5000'</u> |
| PUMP TRUCK CHARGE | <u>2405.00</u> |
| EXTRA FOOTAGE | @ |
| MILEAGE | <u>10</u> @ <u>7.00</u> <u>70.00</u> |
| MANIFOLD <u>Head Rental</u> | @ <u>4.00</u> <u>40.00</u> |
| Light Veh. <u>10</u> | @ <u>4.00</u> <u>40.00</u> |
| TOTAL <u>2715.00</u> | |

CHARGE TO: R&B Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

5 1/2 PLUG & FLOAT EQUIPMENT

| | | |
|----------------------|----------------|---------------|
| 1/2" Plug Guide Shoe | @ | <u>100.80</u> |
| 1-1/2" Insert | @ | <u>112.00</u> |
| 2 Centralizers | @ <u>32.20</u> | <u>27.92</u> |
| 8 Deep Scratchers | @ <u>23.94</u> | <u>191.52</u> |
| 1 Rubber Plug | @ | <u>66.00</u> |
| TOTAL <u>728.24</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.

SALES TAX (if Any) _____
 TOTAL CHARGES 10,394.24
 DISCOUNT 20% IF PAID IN 30 DAYS
NET 8315.39

PRINTED NAME Steve Meyers
 SIGNATURE Steve Meyers

OPERATOR

Company: R&B Oil and Gas
Address: 124 N. Main
Attica, KS 67009

PLOTTED GEOLOGICAL LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial

Well Name: TRAFFAS "B" #9
Location: Sec. 32-T32S-R10W
Licence Number: 15-007-23846-00-00
Spud Date: 03/06/2012
Surface Coordinates: SW SW

Region: Barber Co., KS
Drilling Completed: 03/12/2012

Bottom Hole Coordinates: Vertical

Ground Elevation (ft): 1539 **K.B. Elevation (ft):** 1549
Logged Interval (ft): 3500 **To:** 5000 **Total Depth (ft):** 5000
Formation: Simpson

Type of Drilling Fluid: Chemical Mud by Mud-Co

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

GEOLOGIST

Name: Kent Roberts
Company: Roberts Resources, Inc.
Address: 2020 N. Tyler, Suite 106
Wichita, KS 67212
Phone: 316-721-2817

INFORMATION

DRILLING CONTRACTOR: Hardt Drilling LLC

MUD TYPE: Chemical by Mud-Co (Brad Bortz, Engineer)

DRILLING TIME KEPT FROM: 3500' to RTD

SAMPLES SAVED FROM: 3500' to RTD

SAMPLES EXAMINED FROM: 3500' to RTD

GEOLOGICAL SUPERVISION FROM: 3582' to RTD

ELECTRICAL SURVEYS: CNL-CDL / DIL by Log-Tech

DAILY ACTIVITY @ 0700 HRS

03/05/12 MIRU
03/06/12 Spud well. Ran surface and cement
03/07/12 Drilling @ 911'
03/08/12 Drilling @ 1955'
03/09/12 Drilling @ 2937'
03/10/12 Drilling @ 3905'
03/11/12 Drilling @ 4648'
03/12/12 Drilling @ 4850'

CASING DATA

CONDUCTOR CASING: None

SURFACE CASING: Ran 6 jts 8-5/8 set @ 268' w/ 225 sacks

PRODUCTION : 5-1/2 x 14# set @ 4990' w/ 175 sacks Class H

COMMENTS

Deviation 1-1/2 degree, pipe strap 1.53' short to board @ 4832'

Production casing was set for further testing.
Recommended perforations for acid and frac stimulation are:

Cherokee Sd 4511' to 4516'
Mississippi 4540' to 4546'
Mississippi 4558' to 4574'
Mississippi 4578' to 4610'

Respectfully Submitted,

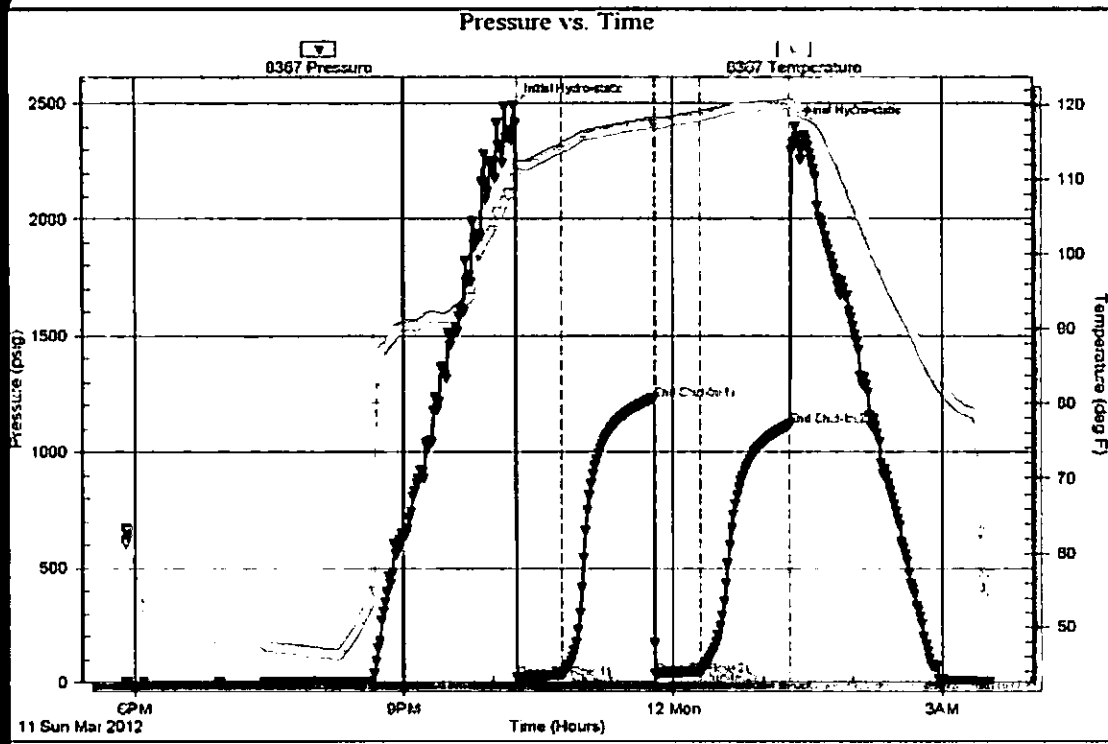
Kent Roberts
Ks License #322

FORMATION TOPS

WELL NAME: Traffas "B" #9

ELEV. G.L.= 1539
K.B.= 1549

| FORMATION TOPS | Sample | E- Log | KEY WELLS | |
|-------------------|------------|------------|---------------|---------------|
| | | | Traffas "B" 5 | Vickery "B" 1 |
| Heebner | 3599 -2050 | 3600 -2051 | -2057 | -2052 |
| Lansing | 3795 -2246 | 3790 -2241 | -2257 | -2252 |
| Stark Shale | 4256 -2707 | 4258 -2709 | -2717 | -2716 |
| Cherokee Sh. | 4488 -2939 | 4487 -2938 | -2945 | -2949 |
| Cherokee Sand | 4504 -2955 | 4510 -2961 | NP | -2976 |
| Mississippi Chert | 4532 -2983 | 4540 -2991 | -2982 | -3015 |
| Kinderhook Shale | 4726 -3177 | 4728 -3179 | -3189 | NDE |
| Viola | 4818 -3269 | 4819 -3270 | -3295 | NDE |
| Simpson Sd | 4914 -3365 | 4920 -3371 | NDE | NDE |
| Total Depth | 5000 -3451 | 5001 -3452 | NDE | NDE |

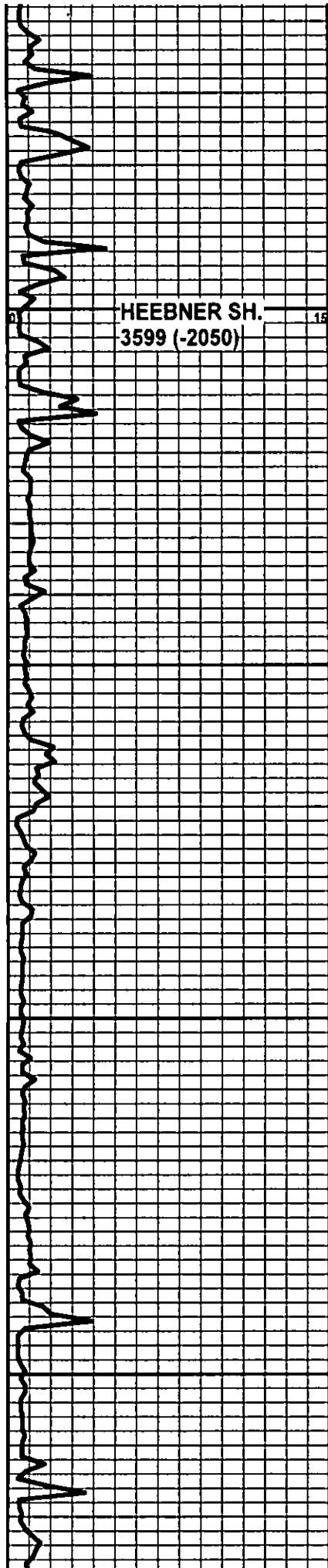


DST #1 from 4822-4832
 30-60-30-60
 IF: Weak built to 2 inches
 ISI: No blow
 FF: Weak built to 2 inches
 FSI: No blow
 REC: 60' water cud mud
 Chlorides 90,000
 HP: 2488-2396
 FP: 22-34 / 35-53
 SIP: 1230-1115

ROCK TYPES

- | | | | |
|-------------|-----------|-------------|-----------|
| Anhy | Congl | Salt | Siltstone |
| Cht | Dolomite | Shale | Sandstone |
| Black shale | Limestone | Cherty dol. | |

| Curve Track 1 ROP (min/ft) | | TOTAL GAS, C1-C5 TOTAL GAS (Units) | |
|---------------------------------|-------|---|--------------------------------------|
| ROP (min/ft) | Depth | TOTAL GAS | Lithology Geological Descriptions |
| 0 | 15 | 0 | 150 |
| 3500 | 3500 | Gas Detector in operation from 1600' No Kicks Recorded from 1600' to 3500' | |
| 3550 | 3550 | | |
| Drilling w/ 7-7/8 Smith PDC Bit | | | |



HEEBNER SH.
3599 (-2050)

3600

3650

3700

3750



Sh - blk, carb

Ls - tan, brn, dense

Sh - gry, blk

Ls - crm, lt gry, f-m xln, fos, good foss & vuggy porosity, no show

Sh - gry, blk

Sh - gry, blk, silty

Ls - tan, brn, f xln, dense

Sh - gry, silty, w/ Sd - gry, wht, fine gm, well sorted, mica

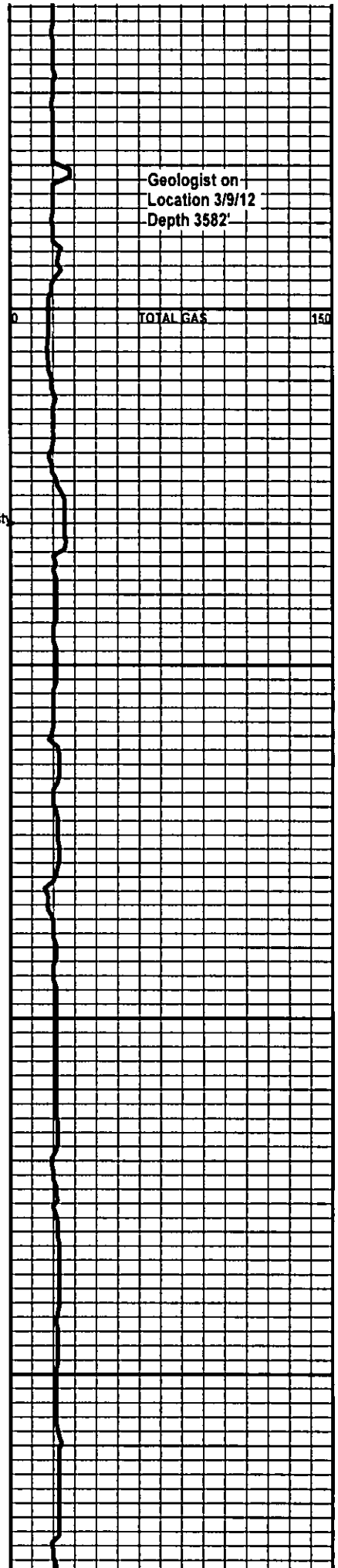
Sh - gry, silty

Sh - gry, silty

Sd - gry, wht, fine gm, mica l/p, friable

Sd - clr, wht, gry, well sorted, mica, l/p

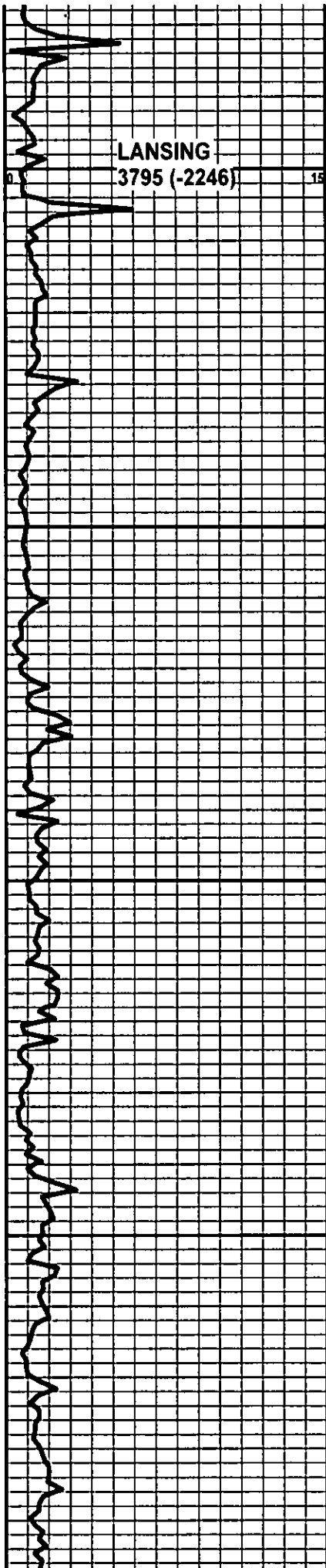
Sd - clr, wht, gry, well sorted, mica, l/p



Geologist on
Location 3/9/12
Depth 3582'

TOTAL GAS

150



3800

Ls - crm, tan, wht, trace fr vug porosity, chalky

Ls - tan, gry, fxln, dense

Ls - tan, gry, fxln, dense

3850

Ls, crm, tan, fxln, good vug & xln porosity, no show

Ls, tan, gry, dense

Sh, gry, blk

3900

Ls - crm, tan, fxln, pr xln porosity, chalky

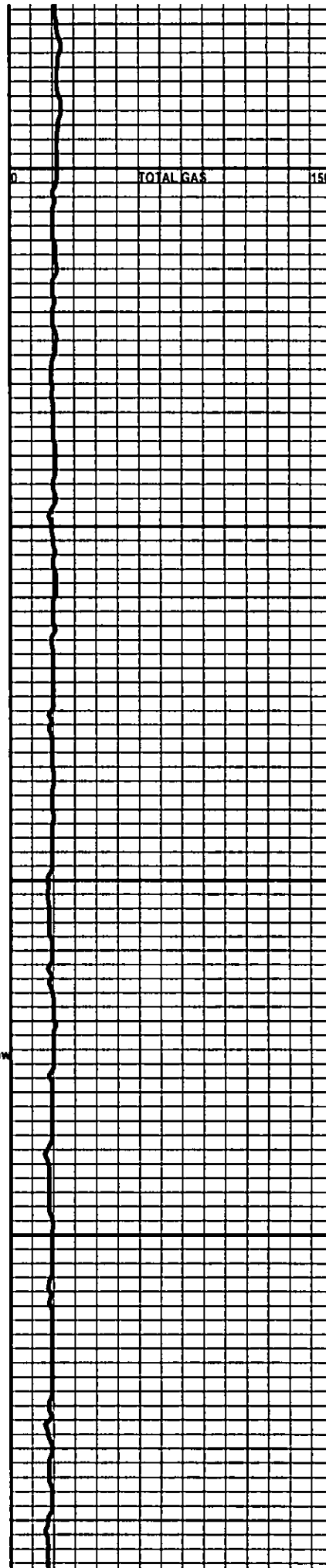
Ls - crm, tan, f-m xln, good vug & xln porosity, no show

Ls - tan, gry, fxln, dense

3950

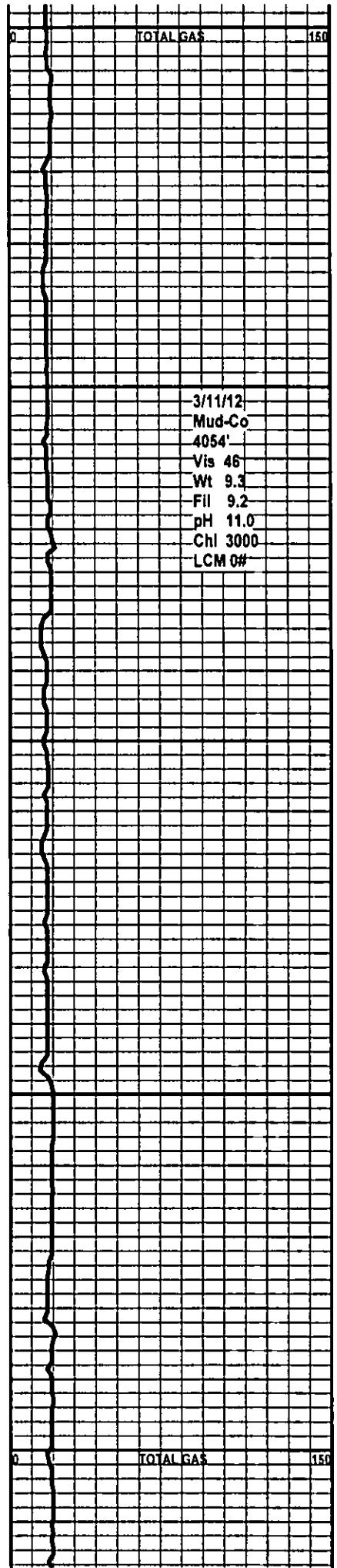
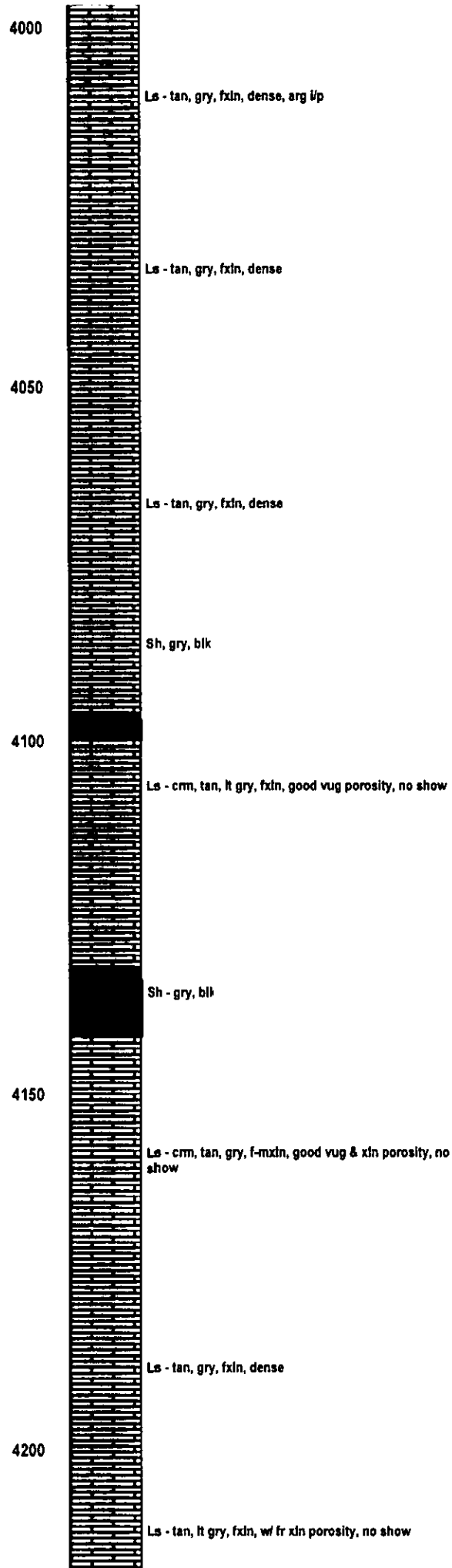
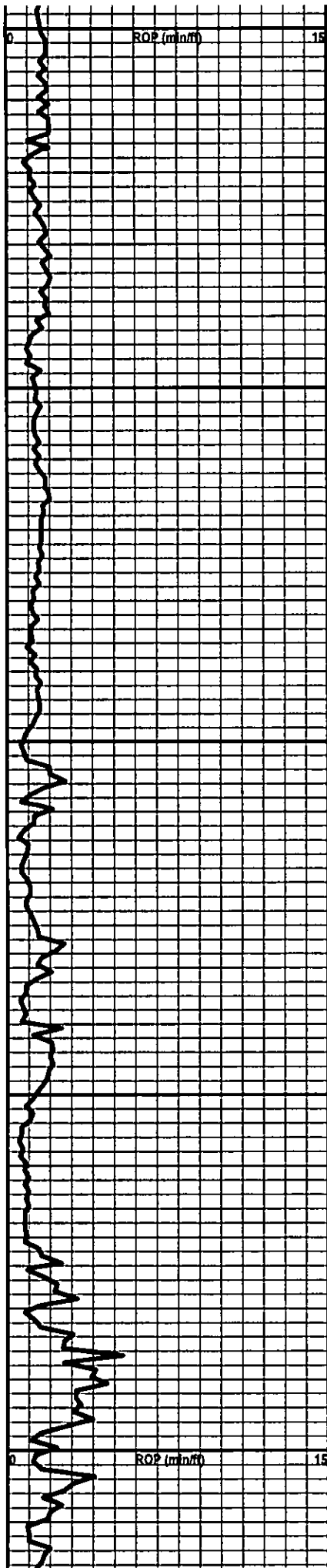
Sh - gry

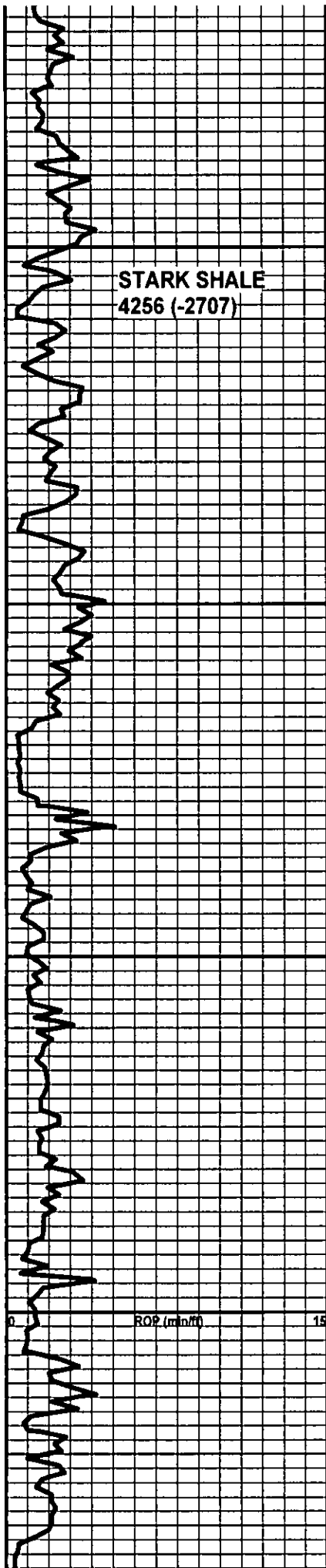
Ls - tan, gry, fxln, dense



TOTAL GAS

150





4250

Ls - tan, lt gry, fxdn, w/ fr xln porosity, chalky no show

Sh - blk carb

Ls - tan, lt gry, f-m xln, trace pr-fr vug porosity, scat spotty bright fluor, no stain, no show, no odor

Sh - blk carb

4300

Ls - tan, gry, fxdn, pr xln porosity, chalky, scat lt brn spotty stain, spotty bright fluor, trace show gas bubble and oily film when crushed, fair odor.

Ls, tan, gry, brn, fxdn, dense

Sh - gry, blk

Sh - gry, blk

4350

Sh - gm, gry, trace blk. Ls - cm, tan dense

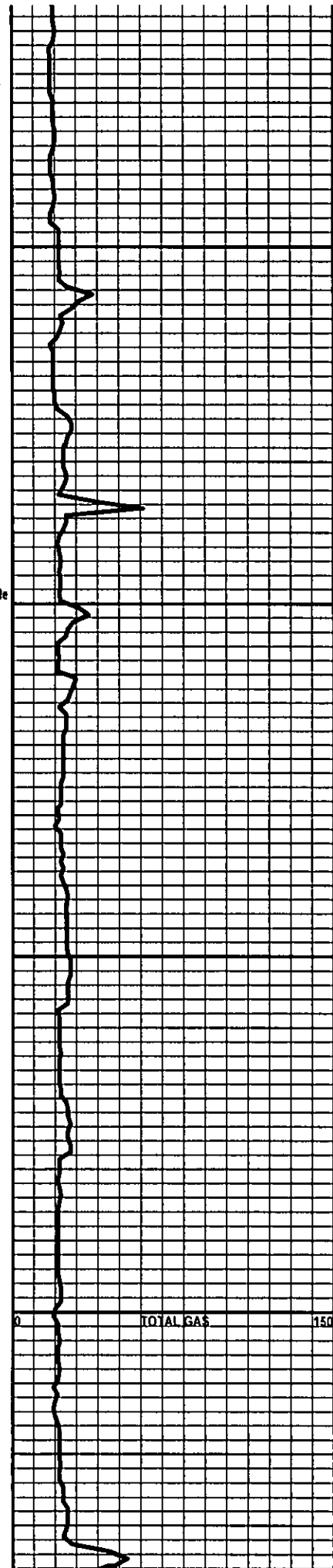
Ls - cm, buff, vfxln, dense

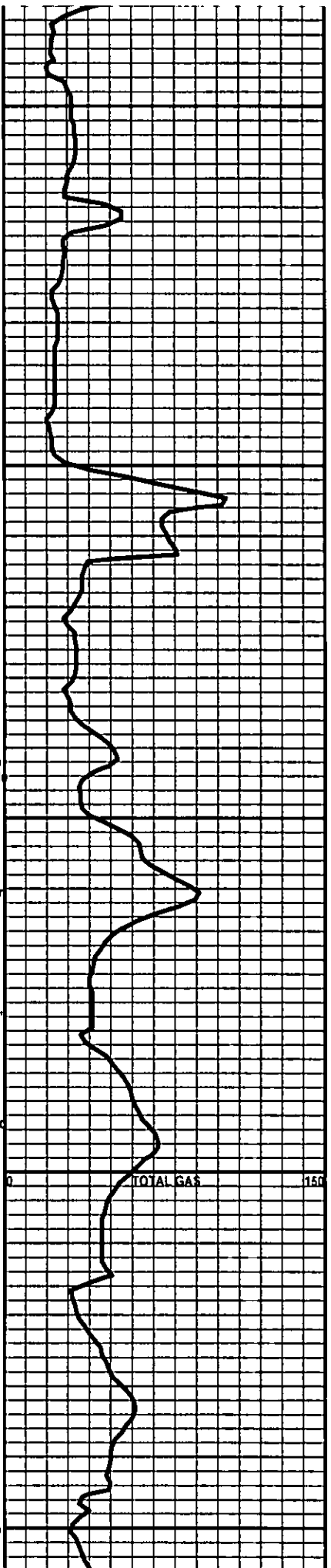
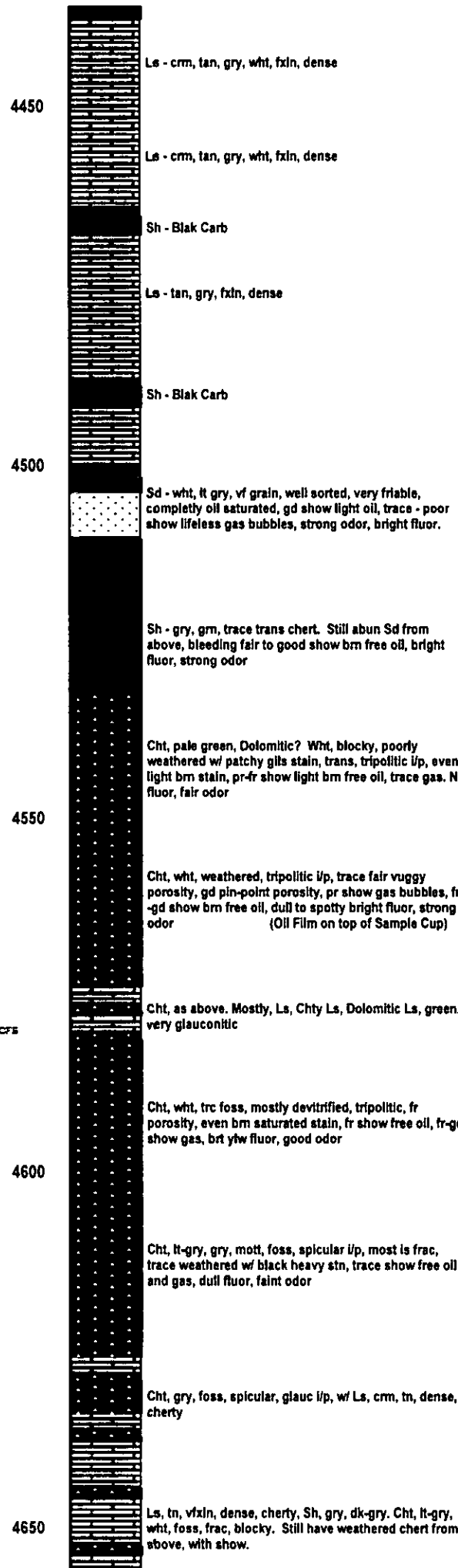
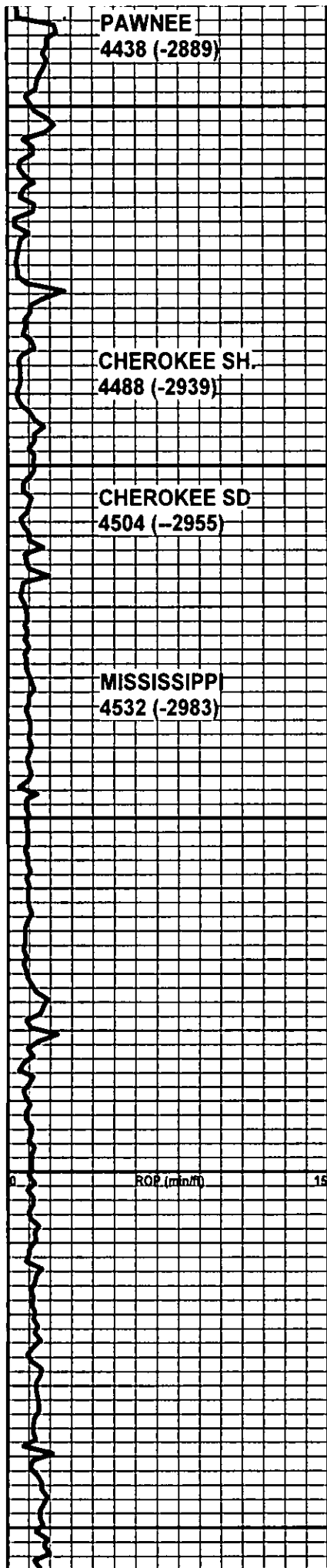
4400

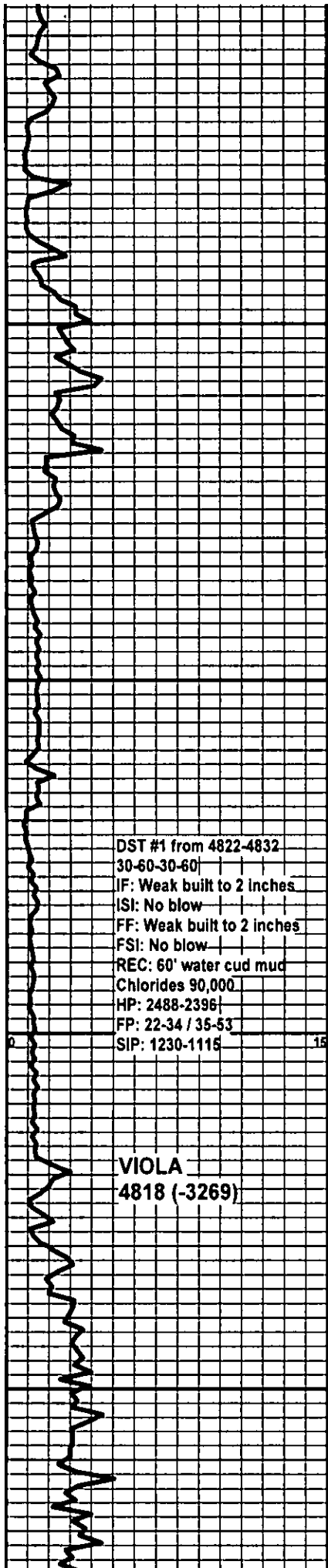
Sh, gry, blk

Ls - tan, brn, gry, fxdn, dense

Sh - Blak Carb







Ls, tn, vfxln, dense, cherty, Sh, gry, dk-gry. Cht, lt-gry, wht, foss, frac, blocky.

Sh, gr, lt-gry, soft, Ls, buff, wht, soft, chalky

4700

Ls, buff, soft, chalky, gry, dense cherty, cht, gry, dove gry,

Sh, gr, lt-gry, soft, Ls, buff, wht, soft, chalky

Sh, gry, trace blk

4750

Sh, gry, trace blk

Sh, dk-gry, silty, blk, carb, bleeding good show gas

4800

Sh, dk-gry, silty, blk, carb, bleeding good show gas

Dol. wht, clear, Ang Sd? Lt gry, m-c xln, pr-fr xln porosity, slight trace lt brn stn, bright fluor, fr-gd show gas w/ fr-gd show very light free oil visible under blacklight, fr-gd odor

CF5

Ls, Dolomitic l/p crm, buff, vfxln, dense, cherty

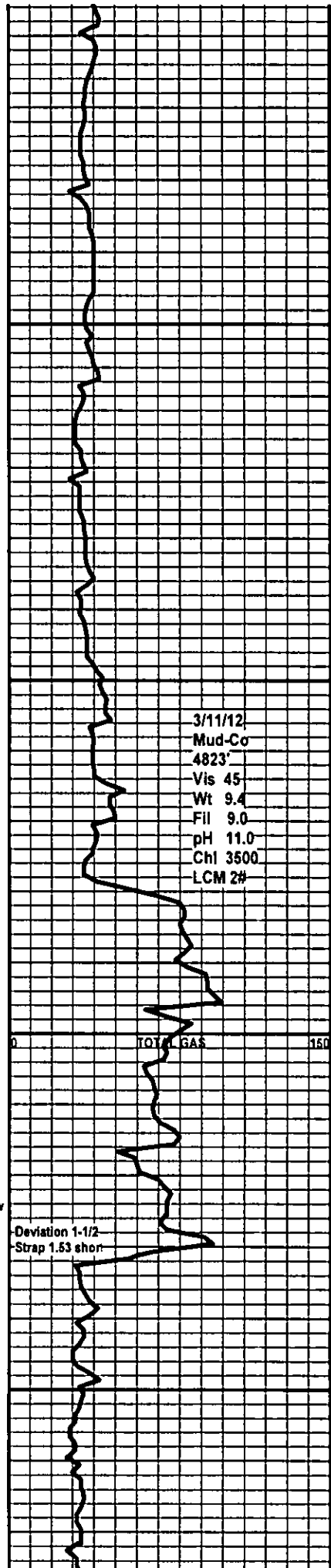
4850

Ls, Dolomitic l/p crm, buff, vfxln, dense, cherty

DST #1 from 4822-4832
 30-60-30-60
 IF: Weak built to 2 inches
 ISI: No blow
 FF: Weak built to 2 inches
 FSI: No blow
 REC: 60' water cud mud
 Chlorides 90,000
 HP: 2488-2396
 FP: 22-34 / 35-53
 SIP: 1230-1115

VIOLA
4818 (-3269)

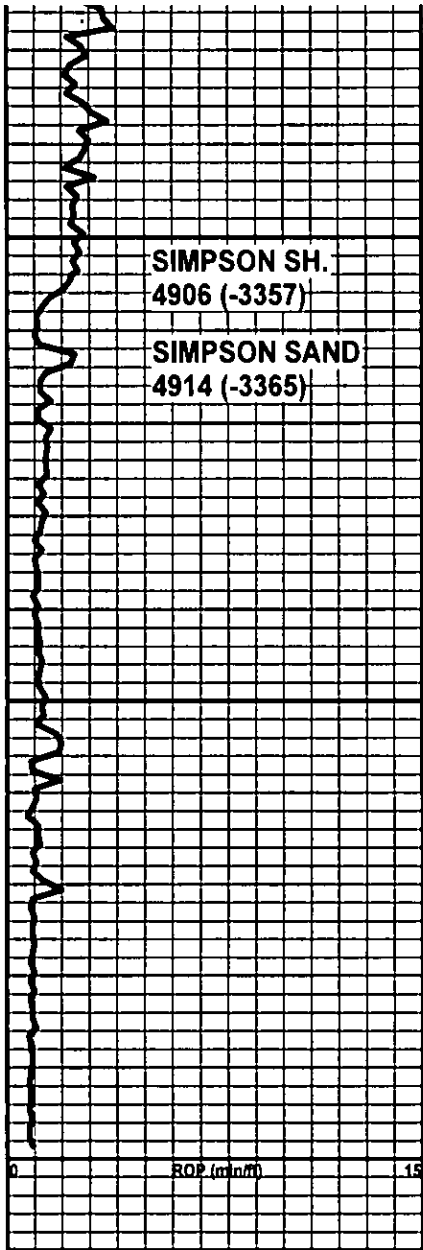
DST #1



3/11/12
 Mud-Co
 4823'
 Vis 45
 Wt 9.4
 Fil 9.0
 pH 11.0
 Chl 3500
 LCM 2#

TOTAL GAS

-Deviation 1-1/2
 -Strap 1.53 short



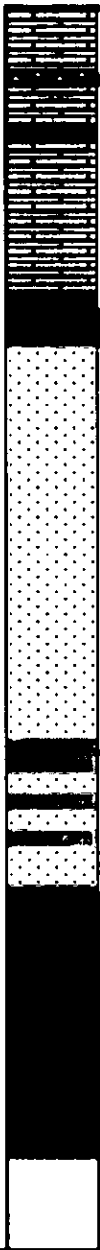
4900

CFS

CFS

4950

5000



Ls, Dolomitic l/p crm, buff, vfdn, dense, cherty

Sh - gry, gm w/ Sd - trace clear, m-gm, well rounded, slightly friable w/ pr-fr show lt brown free oil and trace gas, bright fluor, faint odor, most is gry, calc, tite w/ pr show when crushed

Sd, clr, fine-medium grain, gd granular porosity, well rounded, very friable, very spotty show light brown oil 2 clusters. No fluor, no odor

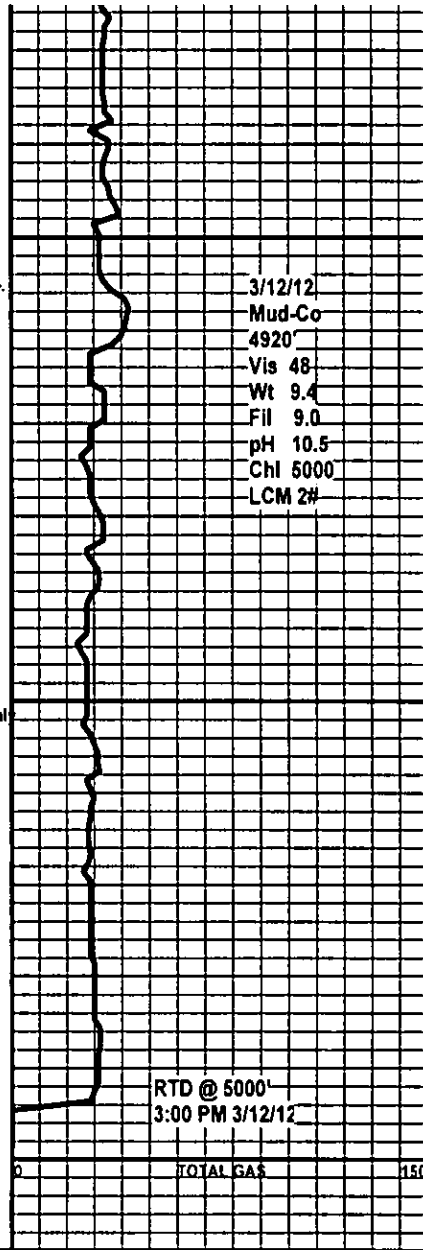
Sd, clr, fine-medium grain, gd granular porosity, well rounded, very friable, spotty dk black dead stain, no show free oil or gas, no fluor, no odor

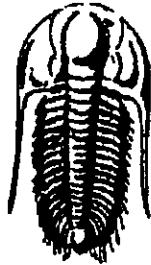
Sd, clr, gry, fine-medium grain, well rounded, calc. shal pr granular porosity, glauconitic,

Sd - Siltstone, wht, vry fg, very glauconitic, pr gran porosity

Sd - Siltstone, wht, vry fg, very glauconitic, pr gran porosity, some mottled w/ pyrite

Sh - gry, sandy, very glauconitic, trace pale gm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Kent Roberts

Traffas B #9

32-32s-10w Barber,KS

Start Date: 2012.03.11 @ 17:53:56

End Date: 2012.03.12 @ 03:31:26

Job Ticket #: 45769 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL

Printed: 2012.03.15 @ 15:29:17

R & B Oil & Gas
32-32s-10w Barber,KS
Traffas B #9
DST # 1
Viola
2012.03.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

R & B Oil & Gas

32-32s-10w Barber, KS

PO Box 195
Attica, KS 67009

Traffas B #9

Job Ticket: 45769

DST#: 1

ATTN: Kent Roberts

Test Start: 2012.03.11 @ 17:53:56

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock ft (KB)

Time Tool Opened: 22:15:56

Time Test Ended: 03:31:26

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 4822.00 ft (KB) To 4832.00 ft (KB) (TVD)

Total Depth: 4832.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1549.00 ft (KB)

1539.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8367

Outside

Press@RunDepth: 52.56 psig @ 4823.00 ft (KB)

Start Date: 2012.03.11

End Date:

2012.03.12

Capacity: 8000.00 psig

Last Calib.: 2012.03.12

Start Time: 17:53:57

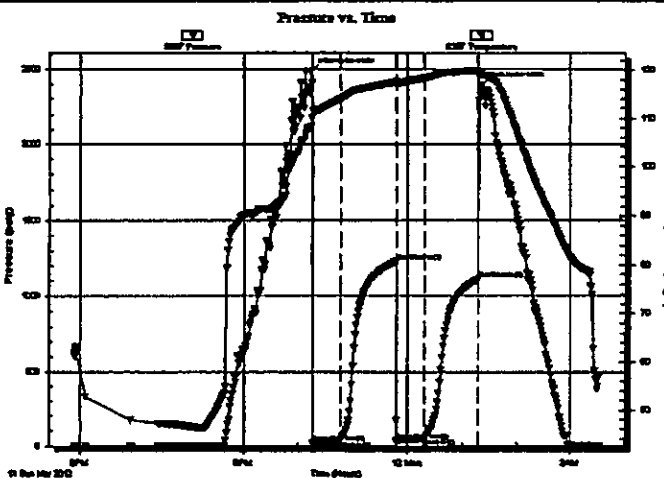
End Time:

03:31:26

Time On Btm: 2012.03.11 @ 22:13:56

Time Off Btm: 2012.03.12 @ 01:21:41

TEST COMMENT: IF: Weak Blow, 2 inches
IS: No Blow Back
PF: Weak Blow, 2 inches
FS: No Blow Back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2488.33 | 108.17 | Initial Hydro-static |
| 2 | 21.77 | 111.40 | Open To Flow (1) |
| 33 | 34.22 | 114.01 | Shut-In(1) |
| 94 | 1230.26 | 117.52 | End Shut-In(1) |
| 94 | 35.32 | 117.30 | Open To Flow (2) |
| 125 | 52.56 | 118.36 | Shut-In(2) |
| 184 | 1114.75 | 119.98 | End Shut-In(2) |
| 188 | 2395.79 | 119.00 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 60.00 | WCM 20%W 80%M | 0.30 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (Inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

32-32s-10w Barber, KS

PO Box 195
Attica, KS 67009

Traffas B #9

Job Ticket: 45769

DST#: 1

ATTN: Kent Roberts

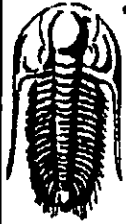
Test Start: 2012.03.11 @ 17:53:56

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4701.00 ft | Diameter: 3.80 inches | Volume: 65.94 bbl | Tool Weight: 2100.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 119.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 90000.00 lb |
| | | | <u>Total Volume: 66.53 bbl</u> | Tool Chased ft |
| Drill Pipe Above KB: | 18.00 ft | | | String Weight: Initial 74000.00 lb |
| Depth to Top Packer: | 4822.00 ft | | | Final 74000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 10.00 ft | | | |
| Tool Length: | 30.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Shut In Tool | 5.00 | | | 4807.00 | |
| Hydraulic tool | 5.00 | | | 4812.00 | |
| Packer | 5.00 | | | 4817.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4822.00 | |
| Stubb | 1.00 | | | 4823.00 | |
| Recorder | 0.00 | 6798 | Inside | 4823.00 | |
| Recorder | 0.00 | 8367 | Outside | 4823.00 | |
| Perforations | 6.00 | | | 4829.00 | |
| Bullnose | 3.00 | | | 4832.00 | 10.00 Bottom Packers & Anchor |
| Total Tool Length: | 30.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

32-32s-10w Barber, KS

PO Box 195
Attica, KS 67009

Traffas B #9

Job Ticket: 45769

DST#: 1

ATTN: Kent Roberts

Test Start: 2012.03.11 @ 17:53:56

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:

90000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|---------------|----------------|
| 60.00 | WCM 20%W 80%M | 0.295 |

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .12 @ 52 degrees

Serial #: 8367

Outside R & B Oil & Gas

Traffas B #9

DST Test Number: 1

