

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

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

OPERATOR: License # 34357
Name: Atlas Operating LLC
Address 1: 15603 Kuykendahl Ste 200
Address 2: _____
City: Houston State: TX Zip: 77090 + 3655
Contact Person: Debbie Watson
Phone: (281) 893-9400
CONTRACTOR: License # 5822
Name: Val Energy
Wellsite Geologist: Pat Deenihan
Purchaser: Pioneer/NCRA

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 #: _____

2/4/2011	2/10/2011	4/1/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 077-21732-00-00
Spot Description: _____
E2_W2_NW_NW Sec. 32 Twp. 31 S. R. 9 East West
660 Feet from North / South Line of Section
560 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Harper
Lease Name: Green Well #: 11
Field Name: Spivey Grabs-Basil
Producing Formation: Mississippi
Elevation: Ground: 1624 Kelly Bushing: 1634
Total Depth: 4602 Plug Back Total Depth: 4553
Amount of Surface Pipe Set and Cemented at: 247 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Debbie Watson
Title: Regulatory Coordinator Date: 08-05-2011

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Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dlg Date: 8/31/11

Operator Name: Atlas Operating LLC Lease Name: Green Well #: 11
 Sec. 32 Twp. 31 S. R. 9 East West County: Harper

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" 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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Hebner Shale</td> <td>3560</td> <td>1926</td> </tr> <tr> <td>Lansing</td> <td>3720</td> <td>2086</td> </tr> <tr> <td>Starks Shale</td> <td>4156</td> <td>2722</td> </tr> <tr> <td>Cherokee Shale</td> <td>4387</td> <td>2753</td> </tr> <tr> <td>Mississippi</td> <td>4416</td> <td>2782</td> </tr> </table>	Name	Top	Datum	Hebner Shale	3560	1926	Lansing	3720	2086	Starks Shale	4156	2722	Cherokee Shale	4387	2753	Mississippi	4416	2782
Name	Top	Datum																	
Hebner Shale	3560	1926																	
Lansing	3720	2086																	
Starks Shale	4156	2722																	
Cherokee Shale	4387	2753																	
Mississippi	4416	2782																	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	23	247	60/40 poz	200	3%cc W 1/4 # cello Flake
Production	7-7/8	4-1/2"	10.5	4598	ASC	240	5% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4424-29; 4454-56	950 Gals 15% HCL	4424-56
		Frac'd w/ 20,000 lbs sand 303 bbls of fluid	4424-56

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TUBING RECORD:	Size: <u>2-3/8"</u>	Set At: <u>4422</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>04-02-2011</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>3.34</u>	Gas Mcf <u>200</u>	Water Bbls. <u>13.36</u>	Gas-Oil Ratio <u>59,880</u>
				Gravity <u>19</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <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"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4424-56</u> <u>Mississippi</u>
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PO BOX 31 Russell, KS 67665

FEB 11 2011

INVOICE

Invoice Number: 126206
 Invoice Date: Feb 11, 2011
 Page: 1

Voice: (785) 483-3887
 Fax: (785) 483-5566

000024
 000025

Atlas Operating
 15603 Kuykendahl Suite #200
 Houston, TX 77090-3655

Atlas	Green #11	Net 30 Days	
KS1-02	Medicine Lodge	Feb 11, 2011	3/13/11

Quantity	Unit	Description	Unit Price	Total Price
30.00	MAT	Class A Common	15.45	463.50
20.00	MAT	Pozmix	8.00	160.00
2.00	MAT	Gel	20.80	41.60
240.00	MAT	ASC Class A	18.60	4,464.00
1,200.00	MAT	Kol Seal	0.89	1,068.00
90.00	MAT	FL-160	13.30	1,197.00
8.00	MAT	Salt	12.00	96.00
9.00	MAT	Cla Pro	31.25	281.25
290.00	SER	Handling	2.40	696.00
15.00	SER	Mileage 290 sx @ .10 per mi	29.00	435.00
1.00	SER	Production Casing	2,011.00	2,011.00
15.00	SER	Pump Truck Mileage	7.00	105.00
1.00	EQP	4.5 Guide Shoe	72.80	72.80
1.00	EQP	4.5 AFU Insert	100.80	100.80
1.00	EQP	4.5 Top Rubber Plug	62.00	62.00
10.00	EQP	4.5 Centralizer	30.80	308.00

DESCRIPTION _____
 ACCOUNT # _____
 WELL NAME _____
 AFE # _____
 APPROVED _____

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

ONLY IF PAID ON OR BEFORE

Subtotal	11,561.95
Sales Tax	523.84
Total Invoice Amount	12,085.79
Payment/Credit Applied	

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ALLIED CEMENTING CO., LLC. 040078

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

SERVICE POINT: *Medicine Lodge*

DATE <i>02-11-11</i>	SEC <i>32</i>	TWP. <i>3/5</i>	RANGE <i>07W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Green</i>	WELL # <i>11</i>	LOCATION <i>Brabson Co. & Harper Co. on 160,</i>			COUNTY <i>Harper</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		<i>2E, 4 1/2 N, w/into</i>					

CONTRACTOR <i>Val #3</i>	OWNER <i>Atlas oper.</i>
TYPE OF JOB <i>Production Case</i>	
HOLE SIZE <i>7 7/8</i>	R.D. <i>4600</i>
CASING SIZE <i>1 1/2</i>	DEPTH <i>4598</i>
TUBING SIZE	DEPTH
DRILL PIPE <i>4 1/2</i>	DEPTH
TOOL	DEPTH
PRES. MAX <i>1400</i>	MINIMUM <i>—</i>
MEAS. LINE	SHOE JOINT <i>42.67</i>
CEMENT LEFT IN CSG. <i>43'</i>	
PERFS.	
DISPLACEMENT <i>7 1/2 Bbls 2 1/2 KCL water</i>	

CEMENT			
AMOUNT ORDERED <i>50 sx 60' 40' 4" gal & 240 sx class A ASC + 5' Kalscal + 4% FL-160 & 9 gals Clapoo & 400' Salt OTS & 500 gal mud loss</i>			
COMMON <i>A</i>	<i>30 sx</i>	@ <i>15.45</i>	<i>463.50</i>
POZMIX	<i>20 sx</i>	@ <i>8.00</i>	<i>160.00</i>
GEL	<i>2 sx</i>	@ <i>20.00</i>	<i>40.00</i>
CHLORIDE		@	
ASC	<i>240 sx</i>	@ <i>18.60</i>	<i>4464.00</i>
<i>Kalscal</i>	<i>1200'</i>	@ <i>.89</i>	<i>1068.00</i>
<i>FL-160</i>	<i>90'</i>	@ <i>13.00</i>	<i>1197.00</i>
<i>SALT</i>	<i>8 sx</i>	@ <i>12.00</i>	<i>96.00</i>
<i>Clapoo</i>	<i>9 Gals</i>	@ <i>31.00</i>	<i>281.00</i>
		@	
		@	
		@	
		@	
HANDLING	<i>290</i>	@ <i>2.40</i>	<i>696.00</i>
MILEAGE	<i>290/10/15</i>		<i>435.00</i>
			TOTAL <i>8702.50</i>

PUMP TRUCK # <i>414-302</i>	CEMENTER <i>D. Felin</i>
BULK TRUCK # <i>356-257</i>	HELPER <i>R. Gillog</i>
BULK TRUCK #	DRIVER <i>D. Franklin</i>
BULK TRUCK #	DRIVER

REMARKS:

Pipe on Bottom, Break Lines, Pump Pass/Flush, Plug Left Mouseholes w/ 50' 60% cement, Mix 240 sx A ASC cement, stop Pump, Unsh Pump & Lines, Release Plug, Start Disp. w/ 2 1/2 KCL, wrong Seal increase in BT, Slow Rate, Pump Plug at 7 1/2 Bbls total Disp., Release PSE, Float Did Hold

SERVICE

DEPTH OF JOB	<i>4598</i>	
PUMP TRUCK CHARGE	<i>2011</i>	<i>—</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>15</i>	@ <i>7.00</i> <i>105.00</i>
MANIFOLD <i>headrental</i>	@	

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TOTAL *2116.00*

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PLUG & FLOAT EQUIPMENT

1- Guide Shoe	@	<i>72.00</i>
1- AEI Insert	@	<i>100.00</i>
1- TRP	@	<i>62.00</i>
10- centralizers	@ <i>30.00</i>	<i>308.00</i>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or



000067

PAGE 1 of 1	CUST NO 1003241	INVOICE DATE 02/07/2011
INVOICE NUMBER 1718 - 90518067		

Pratt (620) 672-1201
 B ATLAS OPERATING LLC
 I 15603 KUYKENDAHL, STE 200
 L HOUSTON
 TX US 77090
 O ATTN:

J LEASE NAME Green #11
 O LOCATION
 B COUNTY Harper
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

JOB # 40281757	EQUIPMENT # 27463	PURCHASE ORDER NO.	TERMS Net - 30 days	DUE DATE 03/09/2011
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DESCRIPTION	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 02/05/2011 to 02/05/2011</i>				
0040281757				
171803663A Cement-New Well Casing/Pi 02/05/2011 CNW-8 8/8" Surface				
60/40 POZ	200.00	EA	8.88	1,776.00 T
Cello-flake	50.00	EA	2.74	136.90 T
Calcium Chloride	616.00	EA	0.78	400.93 T
Wooden Cement Plug	1.00	EA	118.40	118.40
Heavy Equipment Mileage	100.00	MI	5.18	518.00
Proppant & Bulk Delivery Charges	430.00	MI	1.18	509.12
Blandng & Mixing Service Charge	200.00	MI	1.04	207.20
Unit Mileage Charge-Pickups, Vans & Cars	50.00	HR	3.15	157.25
Depth Charge; 0-500'	1.00	HR	740.00	740.00
Service Supervisor	1.00	HR	129.50	129.50
Plug Container Utilization Charge	1.00	EA	185.00	185.00
DESCRIPTION				
ACCOUNT #				
BILL NAME				
AFE #				
DATE		APPROVED		

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PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP PO BOX 10460 MIDLAND, TX 79702	SUB TOTAL TAX INVOICE TOTAL	4,878.30 145.77 5,024.07
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BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

0040281757
FIELD SERVICE TICKET
1718 03563 A

DATE _____ TICKET NO. _____

DATE OF JOB 02-03-11	DISTRICT PRATT KS	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.		
CUSTOMER ATLAS OPERATING	LEASE green # 11	WELL NO.							
ADDRESS	COUNTY HARPER	STATE KS							
CITY	STATE	SERVICE CREW Sullivan, Ventch, Madawa							
AUTHORIZED BY	JOB TYPE CNW 8 1/2 Section								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 02-04-11	AM 10:10	TIME
27463	25					ARRIVED AT JOB	02-05-11	AM	12:45
19960-9918	05					START OPERATION		AM	02:25
19866						FINISH OPERATION		AM	02:45
						RELEASED	02-05-11	AM	03:30
						MILES FROM STATION TO WELL	50		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Michael C. ...*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	200 gal/loop for cont	SK	200		2,400.00
CC 102	cellulose	lb	50		185.00
CC 109	Calcium chloride	lb	516		541.80
CF 153	wooden plug 8 1/2"	EA	1		160.00
E 100	pickup milips	mi	50		212.50
E 101	Heavy Foot milips	mi	100		700.00
E 113	Bulk Pellets	Ton	430		168.00
CE 200	depth change 0-500'	EA	1		1,000.00
CE 300	Blending - mixing	SK	200		250.00
CE 504	plug cement rental	EA	1		250.00
S 003	Sodium Sulfate	EA	1		175.00

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SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		DL5 41878.30

SERVICE REPRESENTATIVE: *Robert Sullivan*
FIELD SERVICE ORDER NO.

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Michael C. ...*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: ATLHS Operating	Lease No.	Date: 02-03-11
Lease: 9RECW	Well #: 11	
Field Order #: 35103	Station: PRN-H KS	County: HARVEY
Type Job: CNW 8 3/8 Surface	Formation:	Legal Description: 32-31-9

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 3/8							5 Min.
Depth: 244'	Depth	From	To	Pre Pad	Max		
Volume: 17 1/2	Volume	From	To	Pad	Min		10 Min.
Max Press: 200	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 201'	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: _____ Station Manager: **DAVE SCOTT** Treater: **Robert Williams**

Service Units	19866	27462	19960	19715					
Driver Names	Sullivan	Wentch	Ming/PIW						

Time	Casing Pressure	Tubing Pressure	Bbts. Pumped	Rate	Service Log
12:45 AM					on loc safety meeting
					Run to 8 3/8 ss.
02:00					CASING ON BOTTOM
02:15					St by circ. ss.
02:25	100		3	3	st spiked
			43	5	1 1/2 cont 200 st 4 1/2. loc 2 1/2. 3 1/2. 4 1/2.
					cont mixer. shut down
					Replace Plug
02:40					lt Deep
02:45			14 1/2		plug down
					circ. 9 AM cont to bit

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SOB Complete
 Thank you

PATRICK J. DEENIHAN

Licensed Geologist No. 204

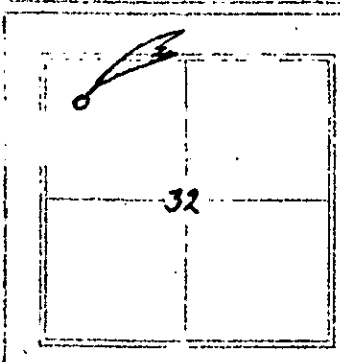
4502 Spyglass Circle 316-640-5611 / 316-650-0184 Wichita, KS 67225

**GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG**

OPERATOR <u>ATLAS OPERATING, LLC</u>	ELEVATION
LEASE <u>GREEN # 11</u>	KB <u>1634'</u>
FIELD <u>SPIVEY-GRABS BASIN</u>	DF _____
LOCATION <u>660' FAL & 650' FAL</u>	CL <u>1624'</u>
SEC. <u>32</u> TWP. <u>31^S</u> RGE. <u>9^W</u>	Measurements Are All From <u>K.B.</u>
COUNTY <u>HARPER</u> STATE <u>KANSAS</u>	
CONTRACTOR <u>VAL ENERGY, INC. RIG # 3</u>	CASING RECORD
COMM: <u>2-04-11</u> COMP: <u>2-11-11</u>	SURFACE <u>8 5/8" @ 244'</u>
RID <u>4600'</u> LOG TO <u>4602'</u>	PRODUCTION <u>4 1/2" To 4600'</u>
SAMPLES SAVED FROM <u>N/A</u> TO <u>N/A</u>	
DRILLING TIME KEPT FROM <u>3500'</u> TO <u>RTD</u>	
SAMPLES EXAMINED FROM <u>3900'</u> TO <u>RTD</u>	
GEOLOGICAL SUPERVISION FROM <u>3500'</u> TO <u>RTD</u>	
MUD UP <u>2889'</u> TYPE MUD <u>CHEMICAL</u>	
API # <u>15-077-21732-00-00</u>	

FORMATION	LOG		SAMPLE	DEPTH
	TOP	DATE		
HEEBNER SH.	3560 (-1926)		3557 (-1923)	-1
LANSING	3720 (-2086)		3718 (-2084)	-1
STARK SHALE	4156 (-2522)		4154 (-2520)	-2
CHEROKEE SH.	4387 (-2753)		4384 (-2750)	+4
MISSISSIPPIAN	4416 (-2782)		4414 (-2780)	+5
MISS. POROSITY	4423 (-2789)		4418 (-2784)	+6

WELL LOG SURVEYS
SUPERIOR
DUAL COMP. POROSITY
DUAL INDUCTION
MICRO



REFERENCE WELL FOR STRUCTURAL COMPARISON ATLAS OPERATING, LLC'S
10 GREEN: SEC: 32-31^S-9^W; 1320' FAL & 1500' FEL

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Licensee Geologist No. 237
 4502 Spylman Circle 316-640-5411 / 316-650-0164 Wichita, KS 67226

GEOLOGIST'S REPORT
 DRILLING TIME AND SAMPLE LOG

OPERATOR ATLAS OPERATING, LLC
 LEASE GREEN # 11
 FIELD SPRINT-GRAAS BASIN
 LOCATION 660' PAUL 650' PAUL
 SEC. 32 TWP. 31S RGE. 90W
 COUNTY HARPER STATE KANSAS
 CONTRACTOR VAL ENERGY INC. RIG # 3
 COM. 2-04-11 COMP. 2-11-11
 RID 4600' LOG ID 4600'
 SAMPLES SAVED FROM N/A TO N/A ATD
 DRILLING TIME KEPT FROM 3500' TO 3900' ATD
 SAMPLES EXAMINED FROM 3500' TO 3500' ATD
 GEOLOGICAL SUPERVISION FROM 2:08P TO 2:08P CHEMICAL
 AND UP 15-077-21258-00-00
 WELL LOG SURVEYS
 SUPERIOR PROPERTY
 DUAL COR. PRIORITY
 MICRO

FORMATION	TOP	LOG	DATE	DEPTH	REMARKS
HEBERER SH	3560	(1926)	3557	(1923)	-1
LANSING	3730	(2086)	3718	(2084)	-1
STARK SWALE	4154	(2512)	4154	(2508)	-2
CARDNER SH	4307	(2765)	4304	(2750)	+4
MISSOURIAN	4416	(2874)	4414	(2860)	+5
MISSOURIAN	4425	(2883)	4418	(2868)	+6

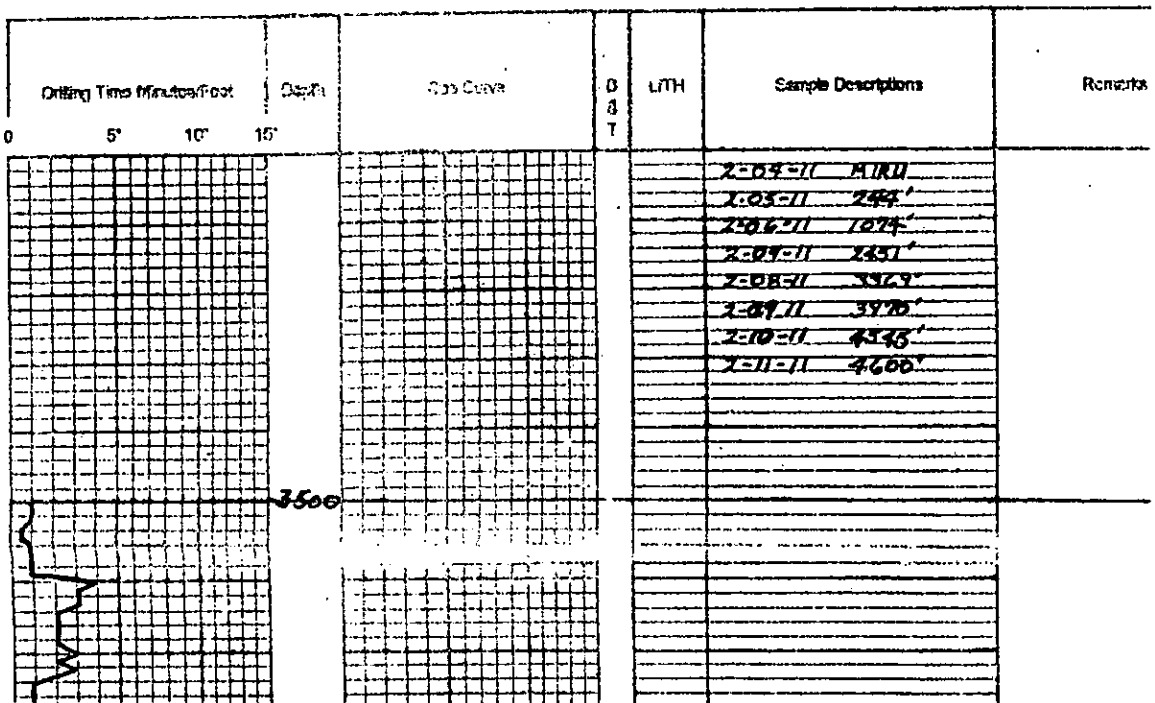
ELEVATION
 KB 1654'
 DF 1624'
 GL 1624'
 Measurements Are All From KB

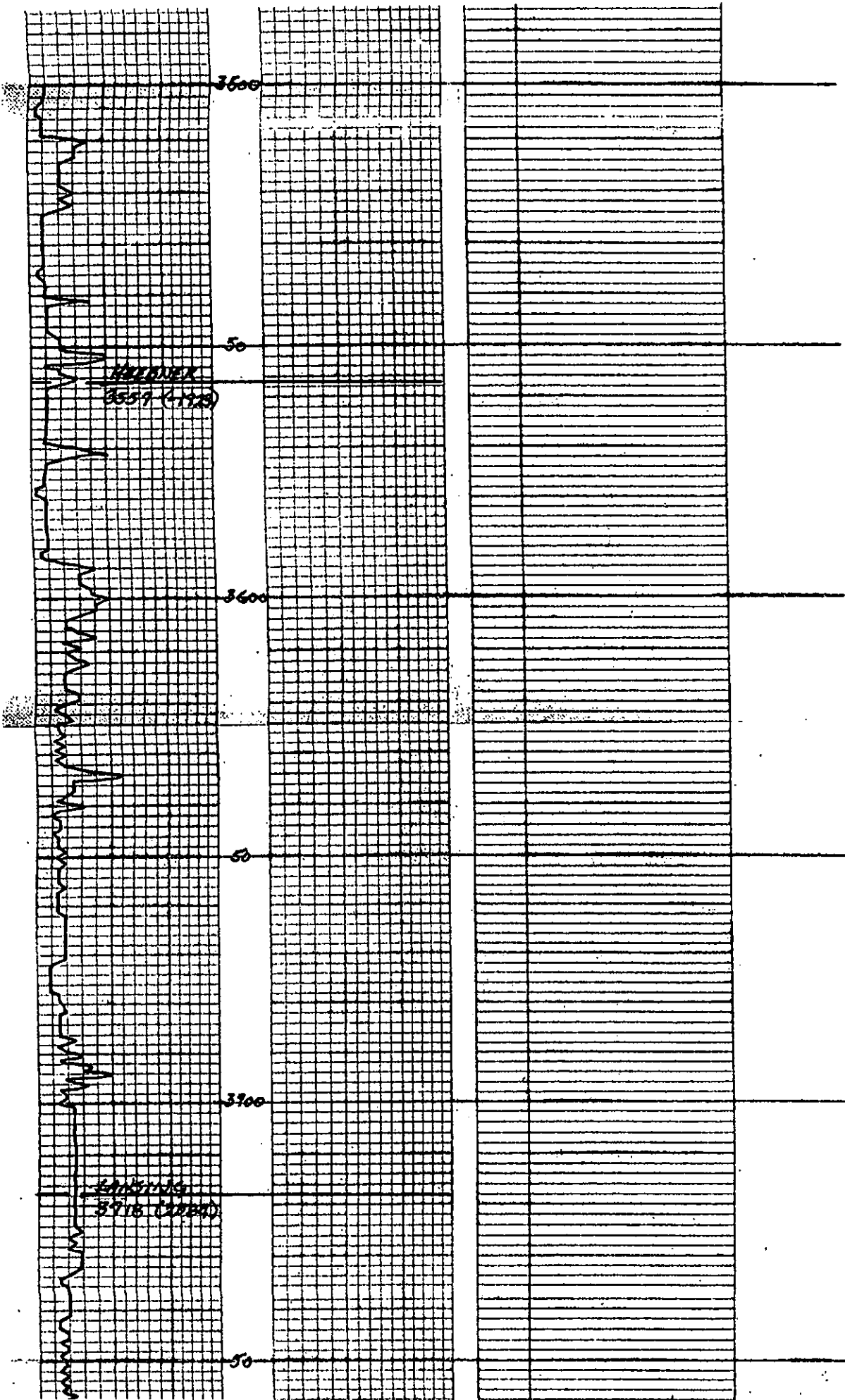
CASING RECORD
 SURFACE 8 5/8" O.D.
 PRODUCTION 4 1/2" TO 4600'

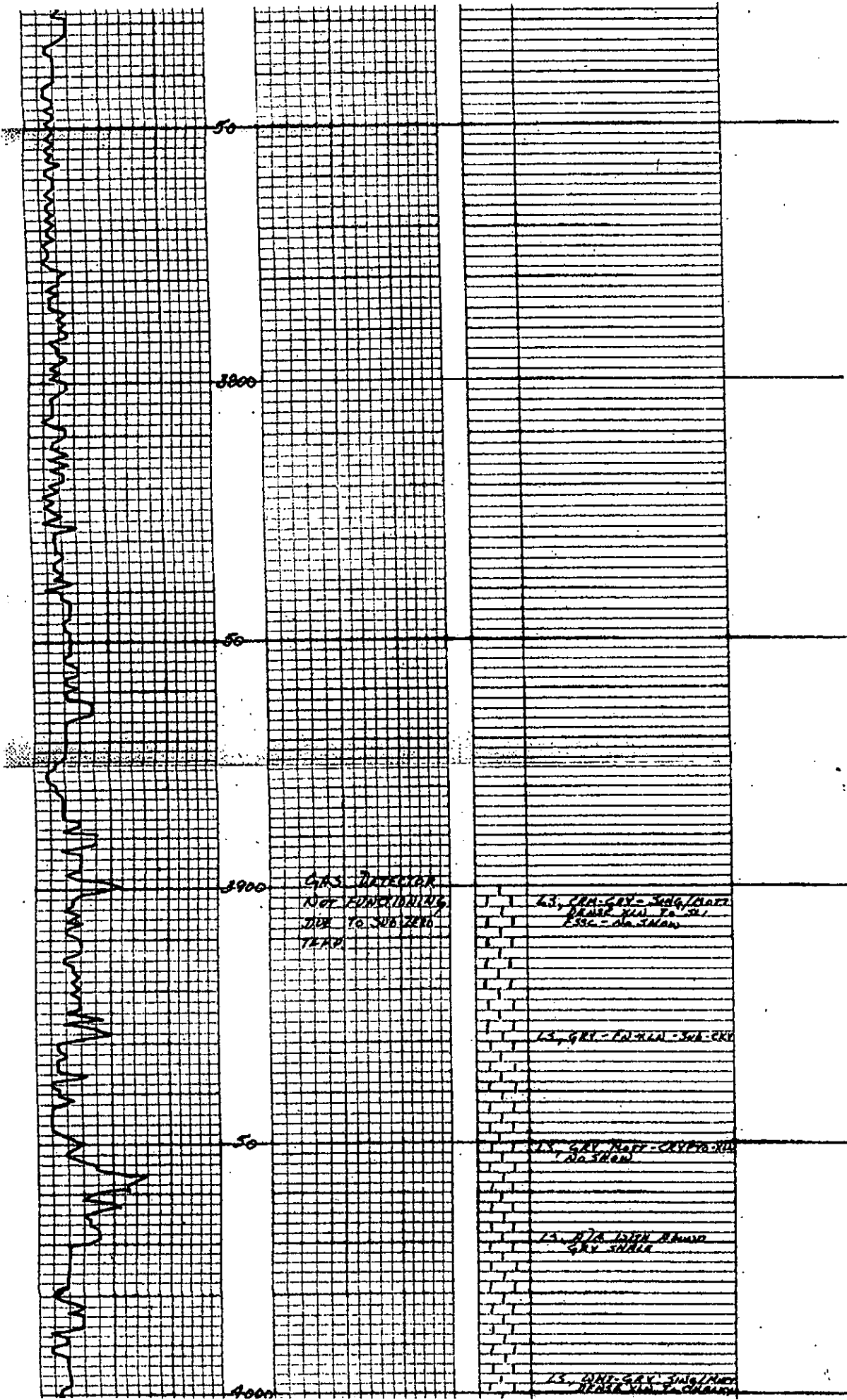
REFERENCE WELL FOR STRUCTURAL COMPARISON: ATLAS OPERATING, LLC'S #10 GREEN. SEC. 32E31S90W, 1330' PAUL & 1500' PAUL

REMARKS 4 1/2" PRODUCTION CASING WAS RUN ON THE GREEN # 11 TO FURTHER EVALUATE THIS WELL ON 2-11-11.

RESPECTFULLY SUBMITTED,
PATRICK J. DRENIHAN
PETROLEUM GEOLOGIST







50

3800

50

3900

GRS. DETECTOR
NOT FUNCTIONING
DUE TO SUB-ZERO
TEMP.

63, GRN-GRY - 3/40/1000
TRANS. SHA. TO SHA.
ESSE - DR. 3/40/1000

13, GRY - FA-SEA - SW-REV

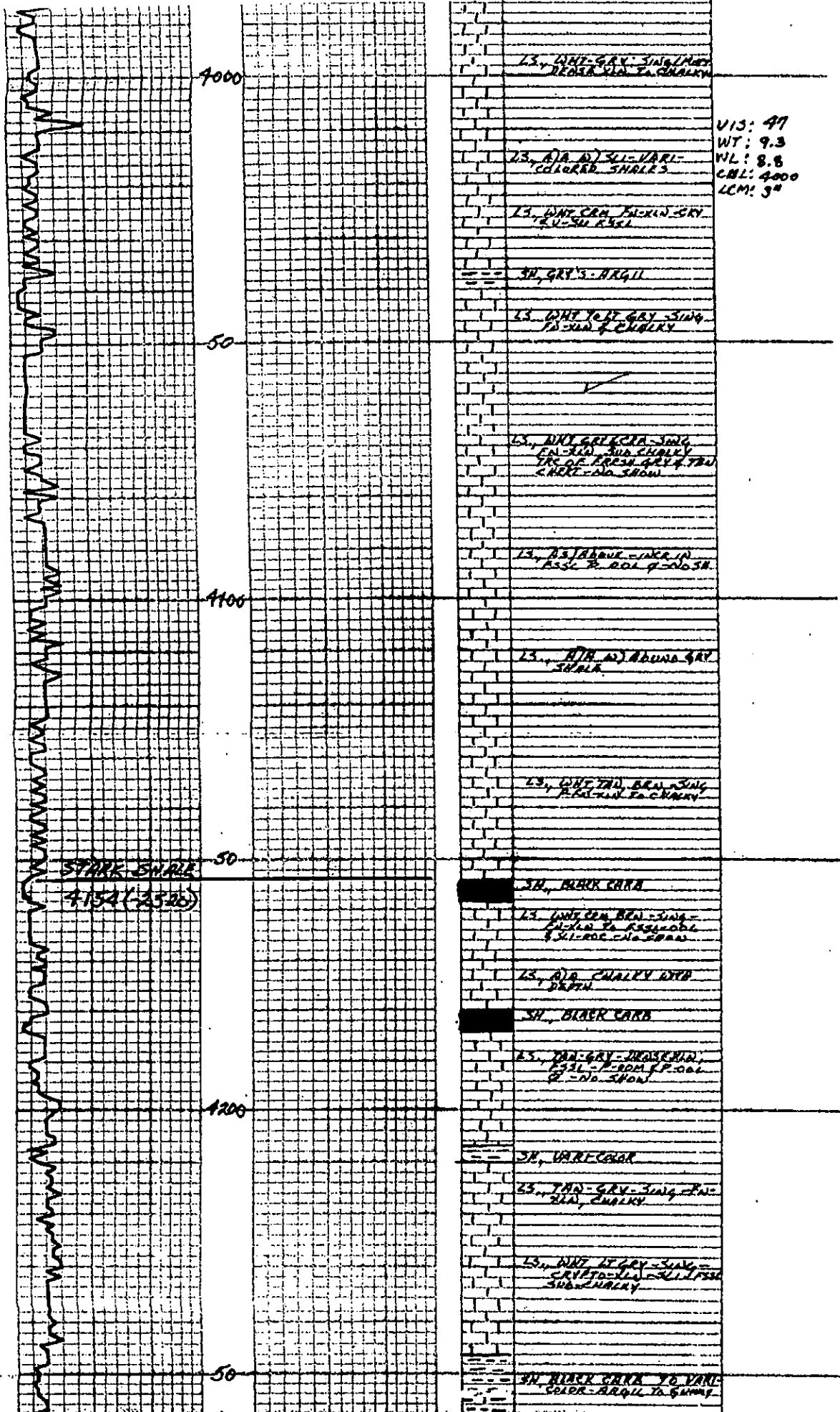
50

12, GRY MATT - CRYP TO SHA
DR. 3/40/1000

13, HTA WITH BROWN
GRY SHALE

4000

13, WHI-GRY - 3/40/1000
TRANS. SHA. TO CR. SHA.



VIS: 47
 WT: 9.3
 WL: 8.8
 CML: 4000
 LCM: 3"

4000

50

4100

50

STARK SHALE
 4154 (2500)

4200

50

L3, WHI-GRY-SING-MET
 DEGR VIA FA CHALKY

L3, AIA D/SLI-VARI-
 COLORD SHALES

L3, WHI GRN BRN-SING
 FA-SH 2501

SH, GRYS-ARGIL

L3, WHI YELT GRY-SING
 FA-SH 2502

L3, WHI GRN CRA-SING
 FA-SH 2503
 TRS OF FRESH GRAY & TAN
 CLERT-NO SHOW

L3, B.S. BRNK-INCR IN
 ASSL P. COL 9-NO SH

L3, AIA D/ABUND GRN
 SHALE

L3, WHI YELT BRN-SING
 FA-SH 2504

SH, BLK CRN

L3, WHI GRN BRN-SING
 FA-SH 2505
 FA-SH 2506
 FA-SH 2507

L3, AIA CHALKY WTH
 DUFFN

SH, BLK CRN

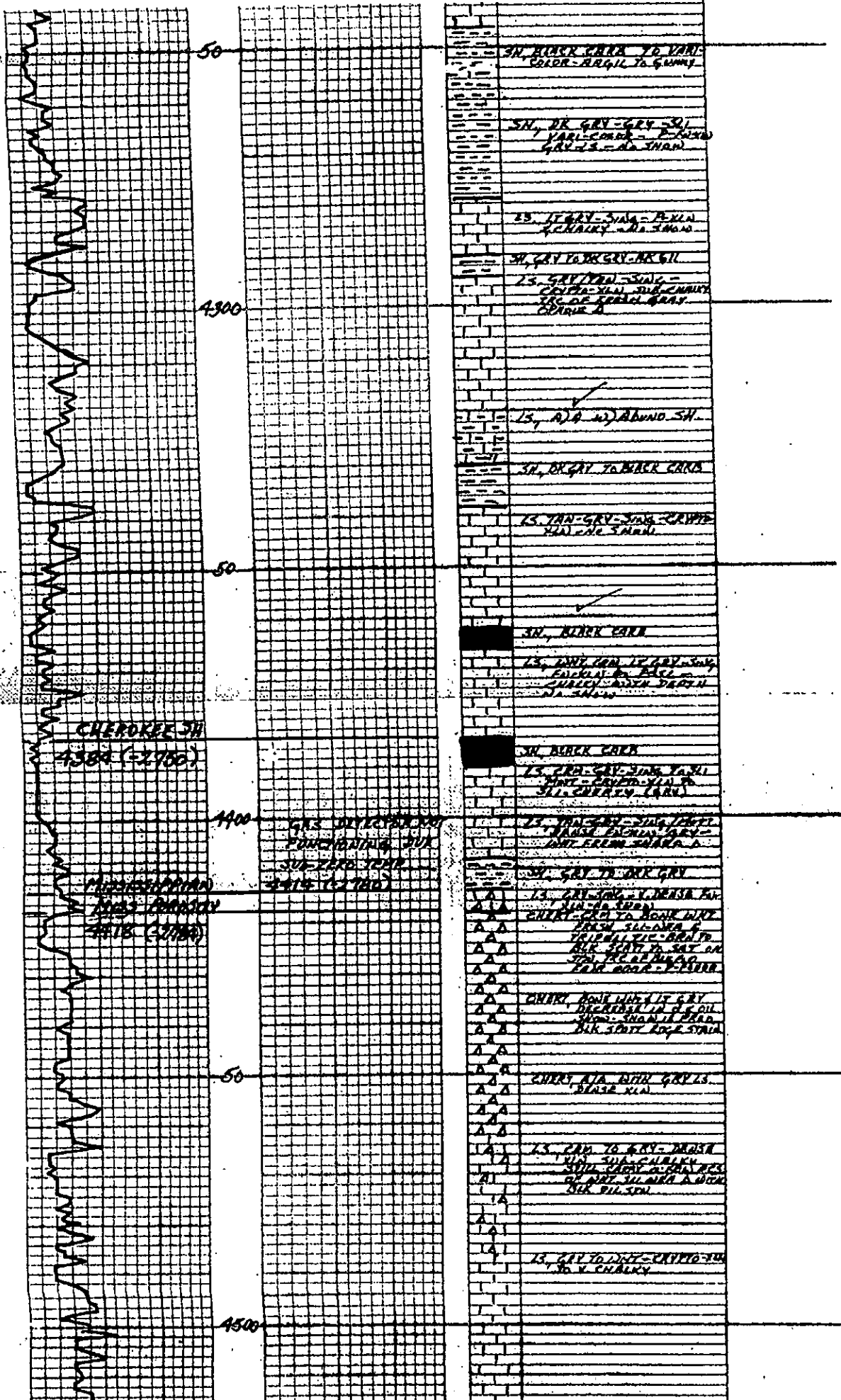
L3, WHI GRY-METABOL
 ASSL P. COL 9-NO SH

SH, VARI-COAR

L3, WHI GRY-SING-FA-
 SH, CHALKY

L3, WHI YELT GRY-SING-
 FA-SH 2508
 SH-CHALKY

SH, BLK CRN TO VARI-
 COAR-ARGIL TO GRN



50

4300

50

CHEROKEE SH
4384 (21700)

4400

MURKIN
4418 (21700)

50

4500

SH, BLACK GRAY TO VARI-COLOR - ARGIL TO SANDY

SH, DR GRAY - GRAY - SWI
VARI-COLOR - DRASK
GRAY LS - NO STRAT

25, TAN - GRAY - SWI - CRYP...
CHALKY - NO STRAT

SH, GRAY TO DR GRAY - ARGIL
25, GRAY - SWI - CRYP...
CHALKY - NO STRAT

15, A.D. W) ABUND SH.

SH, DR GRAY TO BLACK GRAY

15, TAN - GRAY - SWI - CRYP...
NO STRAT

SH, BLACK GRAY

15, TAN - GRAY - SWI - CRYP...
CHALKY - NO STRAT

SH, BLACK GRAY

15, TAN - GRAY - SWI - CRYP...
CHALKY - NO STRAT

25, TAN - GRAY - SWI - CRYP...
CHALKY - NO STRAT

25, GRAY TO DR GRAY
15, GRAY - SWI - CRYP...
CHALKY - NO STRAT

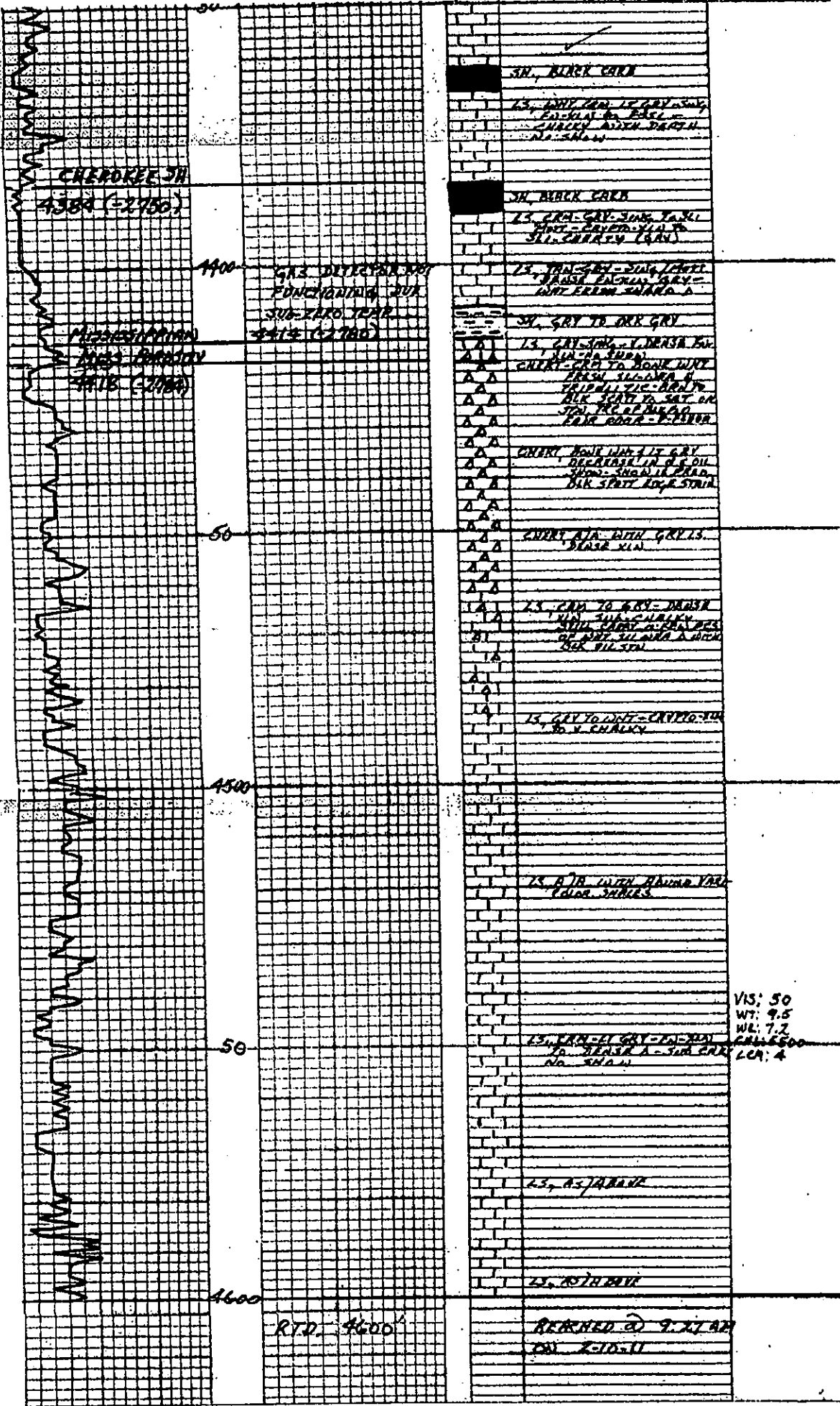
CHALKY, SOME DARKER GRAY
DRASK IN DR OIL
SHOW - SHOW IN DR OIL
DR SPOT ROCK STRAT

CHERT, ALA WITH GRAY LS
DRASK VLN

15, TAN TO GRAY - DRASK
VLN - SUB-CHALKY
DR OIL - NO STRAT
DR OIL - NO STRAT

15, GRAY TO LIGHT - CRYP...
TO V CHALKY

GAS DEVELOPMENT
PROMISING BUT
SUB-TERRANEAN
4418 (21700)



CHEROKEE SH
4380 (-2750)

MISSISSIPPIAN
MASS BANCHELY
3415 (2700)

1400
GRY DETRITIC SDT
FUNCTIONING SUK
SUB-2700 TAP
3415 (2700)

50

1450

50

1600

RTD. 4600'

SH, BLACK GRAY

LS, GRAY TO DRK GRY - DRK
TO DRK GRAY - DRK
CHRYL WITH DRK
NO. 5000

SH, BLACK GRAY

LS, GRAY TO DRK GRY - DRK
TO DRK GRAY - DRK
CHRYL WITH DRK
NO. 5000

LS, GRAY TO DRK GRY - DRK
TO DRK GRAY - DRK
CHRYL WITH DRK
NO. 5000

SH, GRY TO DRK GRY

LS, GRAY TO DRK GRY - DRK
TO DRK GRAY - DRK
CHRYL WITH DRK
NO. 5000

CHRYL WITH DRK GRY
DRK GRAY TO DRK GRY
CHRYL WITH DRK
NO. 5000

CHRYL WITH DRK GRY
DRK GRAY TO DRK GRY
CHRYL WITH DRK
NO. 5000

LS, GRAY TO DRK GRY - DRK
TO DRK GRAY - DRK
CHRYL WITH DRK
NO. 5000

LS, GRAY TO DRK GRY - DRK
TO DRK GRAY - DRK
CHRYL WITH DRK
NO. 5000

LS, DRK WITH DRK GRAY
DRK GRAY TO DRK GRY
CHRYL WITH DRK
NO. 5000

LS, GRAY TO DRK GRY - DRK
TO DRK GRAY - DRK
CHRYL WITH DRK
NO. 5000

LS, A-1 ABAND

LS, A-1 ABAND

RECORDED @ 9.21 AM
ON 2-10-11

VIS: 50
WT: 9.5
WL: 7.2
CAL: 600
LCR: 4