

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 # 4357  
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

API No. 15 - 077-21731-000  
Spot Description: \_\_\_\_\_  
E2 SW SE NE Sec. 8 Twp. 31 S. R. 8  East  West  
2,310 Feet from  North /  South Line of Section  
890 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Harper  
Lease Name: B A Smith Well #: 6-8  
Field Name: Spivey Grabs-Basil  
Producing Formation: Mississippi  
Elevation: Ground: 1642 Kelly Bushing: 1652  
Total Depth: 4550 Plug Back Total Depth: 4504  
Amount of Surface Pipe Set and Cemented at: 237' 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.

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 #: \_\_\_\_\_  
01/26/2011 01/30/2011 03/01/2011  
Spud Date or Date Reached TD Completion Date or Recompletion Date

**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 #: **KCC WICHITA**  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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**SEP 12 2011**

**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: 09/07/2011

**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: Dg Date: 9/12/11

Operator Name: Atlas Operating LLC Lease Name: B A Smith Well #: 6-8  
 Sec. 8 Twp. 31 S. R. 8  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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input 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 (If no, Submit Copy)  List All E. Logs Run: <b>DIL, CDNL, ML</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:60%;">Formation (Top), Depth and Datum</td> <td style="width:10%;"><input type="checkbox"/> Sample</td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Datum</td> </tr> <tr> <td></td> <td>Lansing</td> <td style="text-align: right;">3620</td> <td style="text-align: right;">-1968</td> </tr> <tr> <td></td> <td>Stark Shale</td> <td style="text-align: right;">4066</td> <td style="text-align: right;">-2414</td> </tr> <tr> <td></td> <td>Cherokee SH</td> <td style="text-align: right;">4306</td> <td style="text-align: right;">-2654</td> </tr> <tr> <td></td> <td>Mississippian</td> <td style="text-align: right;">4403</td> <td style="text-align: right;">-2751</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample			Name	Top	Datum		Lansing	3620	-1968		Stark Shale	4066	-2414		Cherokee SH	4306	-2654		Mississippian	4403	-2751
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																							
	Name	Top	Datum																						
	Lansing	3620	-1968																						
	Stark Shale	4066	-2414																						
	Cherokee SH	4306	-2654																						
	Mississippian	4403	-2751																						

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	12-1/4	8 5/8	23	237	60/40 poz .	200	3% CC W 1/4 # CELLO FLAKE
Production	7-7/8	4-1/2	10.5	4540	AA2	270	5% GILSONITE, 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				

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Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4404-4407	1000 GALS-15% HCL - ACID	4404-07
		FRAC: 12000#SD, 307 BF	4404-07

TUBING RECORD:	Size: <u>2-3/8"</u>	Set At: <u>4425</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>03-11-2011</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>8.35</u>	Gas Mcf <u>50</u>	Water Bbls. <u>50</u>	Gas-Oil Ratio <u>5,988</u>	Gravity <u>35</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4404-07</u> <u>Mississippi</u>
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Pratt (620) 672-1201  
 B ATLAS OPERATING LLC  
 I 15603 KUYKENDAHL, STE 200  
 L HOUSTON  
 TX US 77090  
 O ATTN:

PAGE 1 of 1	CUST NO 1003241	INVOICE DATE 01/28/2011
INVOICE NUMBER 1718 - 90512547		

J LEASE NAME B & A Smith 6-8  
 O LOCATION  
 B COUNTY Harper  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 R

JOB # 40279132	EQUIPMENT # 19905	PURCHASE ORDER NO.	TERMS Net - 30 days	DUE DATE 02/27/2011
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DESCRIPTION	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 01/27/2011 to 01/27/2011</b>				
0040279132				
171803399A Cement-New Well Casing/Pi 01/27/2011 CNW-8 5/8" 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	518.00	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	508.12
Blending & 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
Plug Container Utilization Charge	1.00	EA	185.00	185.00
Service Supervisor	1.00	HR	129.50	129.50

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DESCRIPTION \_\_\_\_\_  
 ACCOUNT # \_\_\_\_\_  
 WELL NAME \_\_\_\_\_  
 AFE # \_\_\_\_\_  
 DATE \_\_\_\_\_ APPROVED \_\_\_\_\_

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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00-40277132

FIELD SERVICE TICKET

1718 03399 A



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

8-315-8W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 1-28-11	DISTRICT: Pratt, Kansas	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WOW <input type="checkbox"/>	CUSTOMER ORDER NO.
CUSTOMER: Atlas Operating, LLC.	LEASE: Band A Smith	WELL NO: 6-8					
ADDRESS:	COUNTY: Harper	STATE: Kansas					
CITY:	STATE:	SERVICE CREW: C. Messick, M. Martal, B. Mitchell, J. Farnick					
AUTHORIZED BY:	JOB TYPE: C.N.W. - <del>Inter</del> Surface						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE TIME
37,216	.5						1-28-11 6:30
						ARRIVED AT JOB	1-28-11 9:00
19903-19905	.5					START OPERATION	1-28-11 12:30
						FINISH OPERATION	1-28-11 1:00
19959-21,010	.5					RELEASED	1-28-11 1:15
						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: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP 103	60/40 Poz Cement	sk	200		\$ 2,400.00
P CC 102	Cell Plate	Lb	50		\$ 185.00
P CC 109	Calcium Chloride	Lb	516		\$ 541.00
P CF 153	Wooden Plug, 8 5/8"	ea	1		\$ 160.00
P E 100	Pickup Mileage	mi	50		\$ 212.50
P E 101	Heavy Equipment Mileage	mi	100		\$ 700.00
P E 113	Bulk Delivery	tm	430		\$ 688.00
P CE 200	Cement Pump: 0 Feet To 500 Feet	hrs	4		\$ 1,000.00
P CE 240	Blending and Mixing Service	sk	200		\$ 280.00
P CE 504	Plug Container	Job	1		\$ 250.00
P 5003	Service Supervisor	Job	1		\$ 175.00
				SUB TOTAL	DLS \$ 4,878.30

CHEMICAL / ACID DATA:		

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

SERVICE REPRESENTATIVE: *Carano R M*  
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Bill Davidson*  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

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000070

PAGE 1 of 1	CUST NO 1003241	INVOICE DATE 02/02/2011
INVOICE NUMBER 1718 - 90515916		

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

J LEASE NAME B & A Smith 6-8  
 O LOCATION  
 B COUNTY Harper  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40280645	20920		Net - 30 days	03/04/2011	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 01/31/2011 to 01/31/2011</b>					
0040280645					
171803562A Cement-New Well Casing/Pi 01/31/2011					
4 1/2" Longstring					
AA2 Cement		270.00	EA	12.58	3,396.45 T
60/40 POZ		50.00	EA	8.88	443.98 T
De-foamer(Powder)		78.00	EA	2.96	224.95 T
Salt(Fine)		1,600.00	EA	0.37	591.97 T
Cement Friction Reducer		91.00	EA	4.44	404.02 T
Gas-Blok		228.00	EA	3.81	861.24 T
Gilsontia		1,600.00	EA	0.50	793.24 T
CS-1L, KCL Substitute		4.00	EA	25.90	103.60 T
Mud Flush		500.00	EA	0.64	318.18 T
Top Rubber Cement Plug, 4 1/2"		1.00	EA	59.20	59.20
Flapper Type Insert Float Valve 4 1/2"		1.00	EA	147.98	147.98
Turbolizer 4 1/2"(Blue)		10.00	EA	62.90	628.97
Cement Float Equipment		1.00	EA	166.49	166.49
Heavy Equipment Mileage		100.00	MI	5.18	517.98
Proppant and Bulk Delivery Charge		753.00	MI	1.18	891.51
Blending & Mixing Service Charge		320.00	MI	1.04	331.50
Unit Mileage Charge-Pickups		50.00	HR	3.14	157.24
Plug container Utilization Charge		1.00	EA	184.99	184.99
Depth Charge; 4001'-5000'		1.00	HR	1,884.71	1,884.71
Service Supervisor		1.00	HR	129.49	129.49
DATE _____ APPROVED _____					
ACCOUNT # _____					
WELL NAME _____					
AFE # _____					
PLEASE REMIT TO: BASIC ENERGY SERVICES, LP		SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP		SUB TOTAL	12,217.70
PO BOX 841903		PO BOX 10460		TAX	449.67
DALLAS, TX 75284-1903		MIDLAND, TX 79702		INVOICE TOTAL	12,667.37

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energy services, L.P.

## TREATMENT REPORT

Customer <i>Atlas Operating</i>	Lease No.	Date
Lease <i>B-A-Smith</i>	Well # <i>6-8</i>	<i>01-31-11</i>
Field Order # <i>3567</i>	Station <i>Pratt KS</i>	Casing <i>4 1/2</i>
Type Job <i>new 4 1/2 casing</i>	Depth <i>4540'</i>	County <i>HASPEL</i>
	Formation	State <i>KS</i>
		Legal Description <i>8-31-8</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/ft		Acid	RATE	PRESS	ISIP	
<i>4 1/2</i>								
Depth <i>4540'</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>71 1/2</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>4497</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Johnson</i>
-------------------------	-----------------------------------	-------------------------------

Service Units	<i>19866</i>	<i>33708</i>	<i>20970</i>	<i>19960</i>	<i>1998</i>				
Driver Names	<i>Sullivan</i>	<i>Molson</i>		<i>Phye</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1045 Am</i>					<i>on the soft, messy</i>
					<i>Run 107 JTS 4 1/2 " 10.5 csg</i>
<i>1350</i>					<i>CASING ON BOTTOM</i>
<i>1400</i>					<i>Hook Up to circ.</i>
<i>1450</i>	<i>200</i>		<i>20</i>	<i>4</i>	<i>St KCL Pres Fluid</i>
			<i>12</i>		<i>in mud fluid</i>
			<i>3</i>		<i>space</i>
			<i>68</i>	<i>5.5</i>	<i>mix cont 220 sk AA-2</i>
					<i>shut down circ mix. wash, purp. fluid.</i>
					<i>Release Plug</i>
<i>1513</i>	<i>150</i>			<i>6</i>	<i>St Disp w/ 2% KCL H<sup>2</sup>O</i>
	<i>300</i>		<i>43</i>		<i>Life B:</i>
	<i>600</i>			<i>4</i>	<i>Slow Rate</i>
<i>1530</i>	<i>1200</i>		<i>71 1/2</i>		<i>Plug down</i>
			<i>6</i>	<i>2</i>	<i>Plug R.H w/ 2% KCL</i>
			<i>5</i>	<i>2</i>	<i>Plug M.H w/ 2% KCL</i>
					<i>FOR SAMPLE</i>
					<i>Thank you</i>

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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

FIELD SERVICE TICKET  
1718 03562 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 01-31-11	DISTRICT PRATT KC	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 B.A. Smith	6-8		WELL NO.			
ADDRESS	COUNTY HARPER	STATE KS					
CITY	SERVICE CREW Sullivan, Malsow, Phyle						
AUTHORIZED BY	JOB TYPE: CDW 4 1/2 Long Strip						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 01-31-11	DATE 01/31/11
33208-20920	45					ARRIVED AT JOB	AM 1045
19960-19918	45					START OPERATION	AM 1430
19866						FINISH OPERATION	AM 1530
						RELEASED	AM 1615
						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: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-C CNT	SK	270		4,590.00
CP 103	60/40 PER CNT	SK	50		600.00
CC 103	Dotoamel	lb	76		304.00
CC 111	SALT	lb	1600		800.00
CC 112	CNT Friction Reducer	lb	91		546.00
CC 115	pk-Blok	lb	226		1,163.90
CC 201	Gelsink	lb	1600		1,022.00
CE 107	TOP Ribbon Plug 4 1/2	SK	1	RECEIVED	80.00
PF 1450	SISOL Float	PA	1		200.00
CF 1650	Turbolizer	PA	10	SEP 12 2011	850.00
CF 250	guide shoe	PA	4		225.00
C 704	KCL Sub.	gal	340		140.00
CC 151	MUD Flusher	gal	500	CC WICHITA	430.00
E 100	pickup mixers	mi	50		212.50
E 101	Heavy Egt mixers	mi	100		700.00
E 113	Bulk Dosing	TAL	753		1,204.00
CE 205	Depth charge tool 5000	PA	1		2,520.00
CP 270	Blending - mixing charge	SK	320		448.00
CE 504	Chem Charge (initial)	gal	1		250.00
5003	Service Expense	PA	1		175.00
SUB TOTAL					17,217.70

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		17,217.70

Thank you  
DLS

SERVICE REPRESENTATIVE <i>Robert Johnson</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i> (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO. _____	

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer Atlas Operating, LLC.	Lease No.	Date 1-27-10
Lease Band A Smith	Well # 6-8	
Field Order # 3399	Station Pratt, Kansas	County Harper
Type Job C.N.W. - Surface	Depth 8 5/8" 234' 237 Feet	State Kansas
	Formation	Legal Description 8c 315-8 W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
8 5/8" Size	Tubing Size	Shots/Ft	200 sachs	560/40 Poz with	RATE	PRESS	ISIP	
237 Feet	Depth	From	28 Gal.	38 Calcium Chloride			5 Min.	
5.2 Bbl.	Volume	From	To	.25 Lb./St. Cellulose			10 Min.	
300 P.S.I.	Max Press	From	To	4.8 Lb./Gal., 5.18 Gal./s	Avg	1.2 CU. Ft./St.	15 Min.	
1 1/2" Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
2 1/2" Plug Depth	Packer Depth	From	To	Flush 14 Bbl. Fresh Water	Gas Volume		Total Load	

Customer Representative Greg Davidson	Station Manager David Scott	Treater Clarence R. Messick
--	--------------------------------	--------------------------------

Service Units	37,216	19,903	19,905	19,959	21,010
Driver Names	Messick	Mittal	Mitchell	Fenwick	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					Trucks on location and hold safety meeting.
11:00					Val Drilling start to run 5 joints new 23 Lb/Ft 8 5/8" casing.
12:20					Casing in well. Circulate for 5 minutes.
12:30	300			5	Start Fresh Water Pre-Flush.
	300		10	5	Start mixing 200 sachs cement.
	-0-		53		Stop pumping. Shut in well. Release Wooden Plug. Open Well.
12:42	100			5	Start Fresh Water Displacement.
12:45	300		14		Plug down. Shut in well.
					Circulated 5 sachs cement to the pit.
					Wash up pump truck.
1:15					Job Complete.
					Thank You
					Clarence, Mitre, Brad, Jeff

RECEIVED  
SEP 12 2011  
KCG WICHITA



# PATRICK J. DEENIHAN

Licensed Geologist No. 234

4502 Spyglass Circle

(316) 640-5811

Wichita, KS 67226

## GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR ATLAS OPERATING, LLC  
 LEASE B & A SMITH # C-8  
 FIELD SPINEY-GRAB-C-BASIL  
 LOCATION 2310' FNL & 890 FEL  
 SEC. 8 TWP. 31<sup>S</sup> RGE 8<sup>W</sup>  
 COUNTY HARPER STATE KANSAS

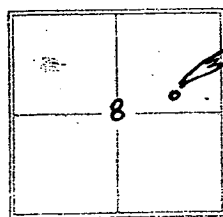
ELEVATION  
 KB 1652'  
 DF  
 GL 1642'  
 Measurements Are All  
 From K.B.

CONTRACTOR VAL ENERGY, INC. RIG #3  
 COMM. 1-26-11 COMP. 1-31-11  
 RTD 4550' LOG TO 4552'  
 SAMPLES SAVED FROM N/A TO N/A  
 DRILLING TIME KEPT FROM 3500' TO RTD  
 SAMPLES EXAMINED FROM 3900' TO RTD  
 GEOLOGICAL SUPERVISION FROM 3650' TO RTD  
 MUD UP 3200' TYPE MUD CHEMICAL  
 API # 15-077-21731-00-00

CASING RECORD  
 SURFACE 238' OF  
8 5/8"  
 PRODUCTION 4 1/2"

FORMATION	LOG		SAMPLE		STRUCT. COMP.
	TOP	DATUM	TOP	DATUM	
LANSING	3620	(1968)	3614	(1962)	-6
STARK SHALE	4066	(2414)	4064	(2412)	-11
CHEROKEE SH	4306	(2654)	4302	(2650)	-11
MISSISSIPPIAN	4403	(2751)	4396	(2744)	-12

WELL LOG SURVEYS  
 SUPERIOR  
 DUAL COMP. POROSITY  
 DUAL INDUCTION  
 MICRO



REFERENCE WELL FOR STRUCTURAL COMPARISON

ATLAS OPERATING'S-B&A  
SMITH #5-B: 1700 FNL & 1650 FEL  
SEC: 08-31<sup>S</sup>-08<sup>W</sup>

REMARKS: IT WAS RECOMMENDED THAT 4 1/2" PRODUCTION CSG BE SET ON THE B&A SMITH

#6-B ON 1-31-11 AS A RESULT OF SAMPLE SHOWING STRONG GAS DETECTOR READINGS. F-LOG ANALYSIS.

RESPECTFULLY SUBMITTED,

PATRICK J. DEENIHAN

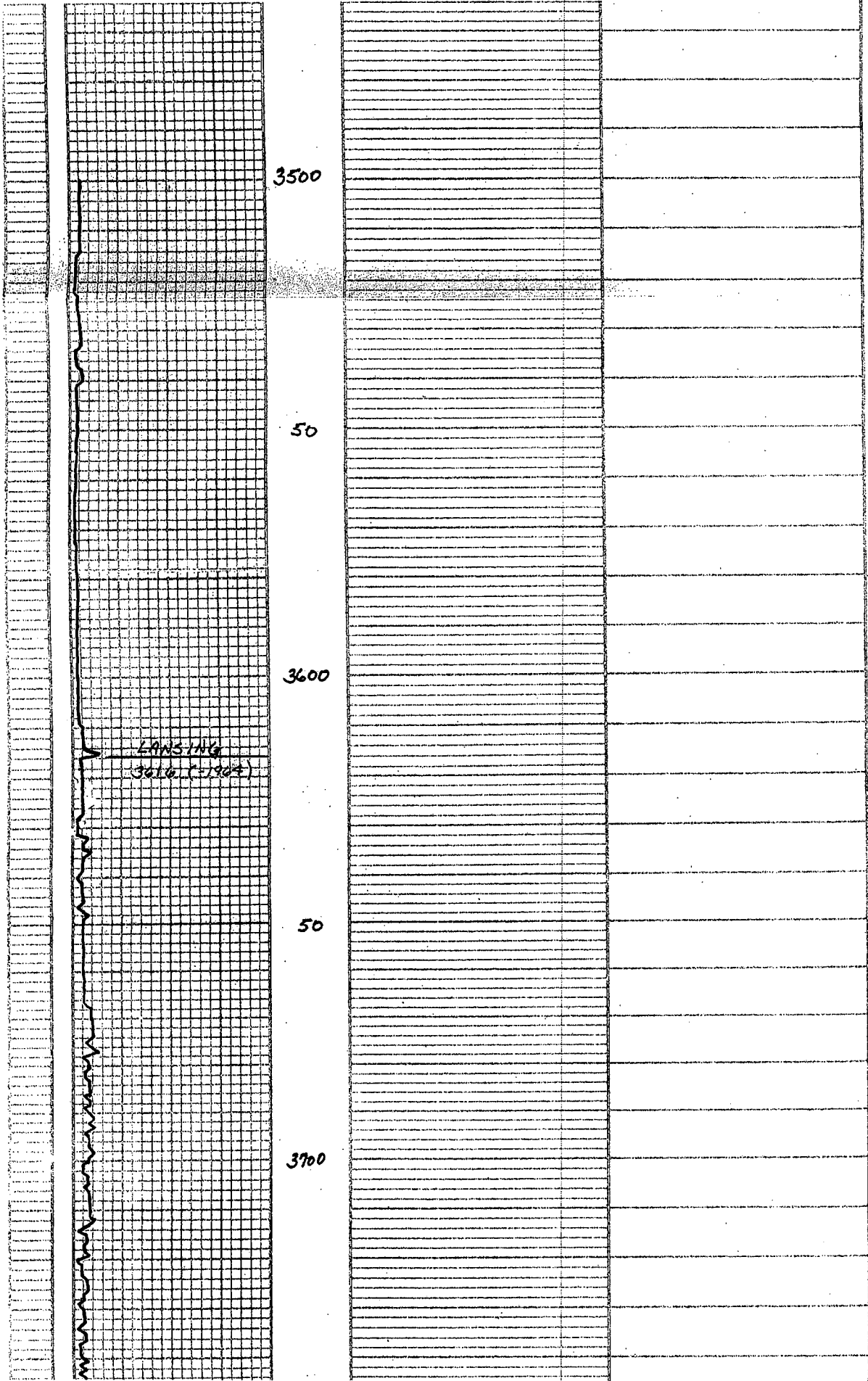
PETROLEUM GEOLOGIST

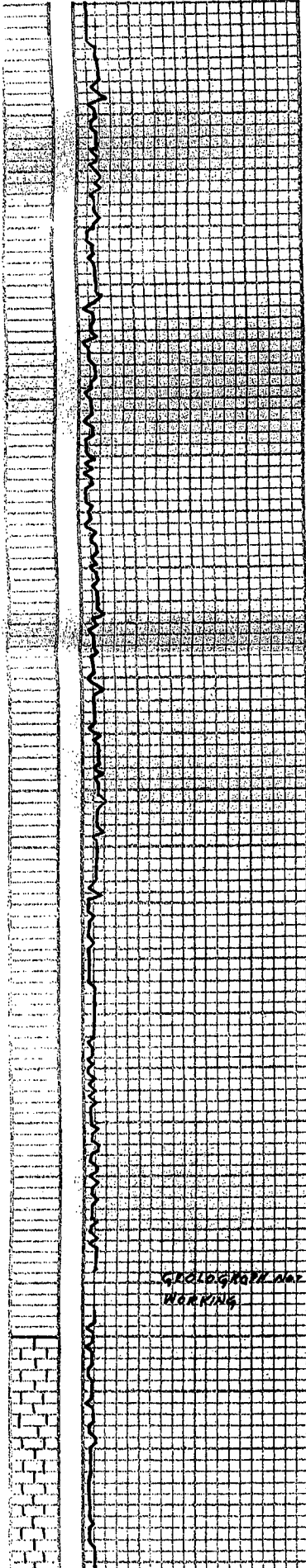
### LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Oil/Lime
- Chart
- Dolomite

SCALE 1" = 100'

Using	Drilling time in minutes	DEPTH	Sample Description	Remarks, drill stem tests, etc.
			1-26-11 M.L.R.U.	
			1-27-11 238'	
			1-28-11 1796'	
			1-28-11 3913'	
			1-30-11 4404'	
			1-31-11 4550'	





3700

50

3800

50

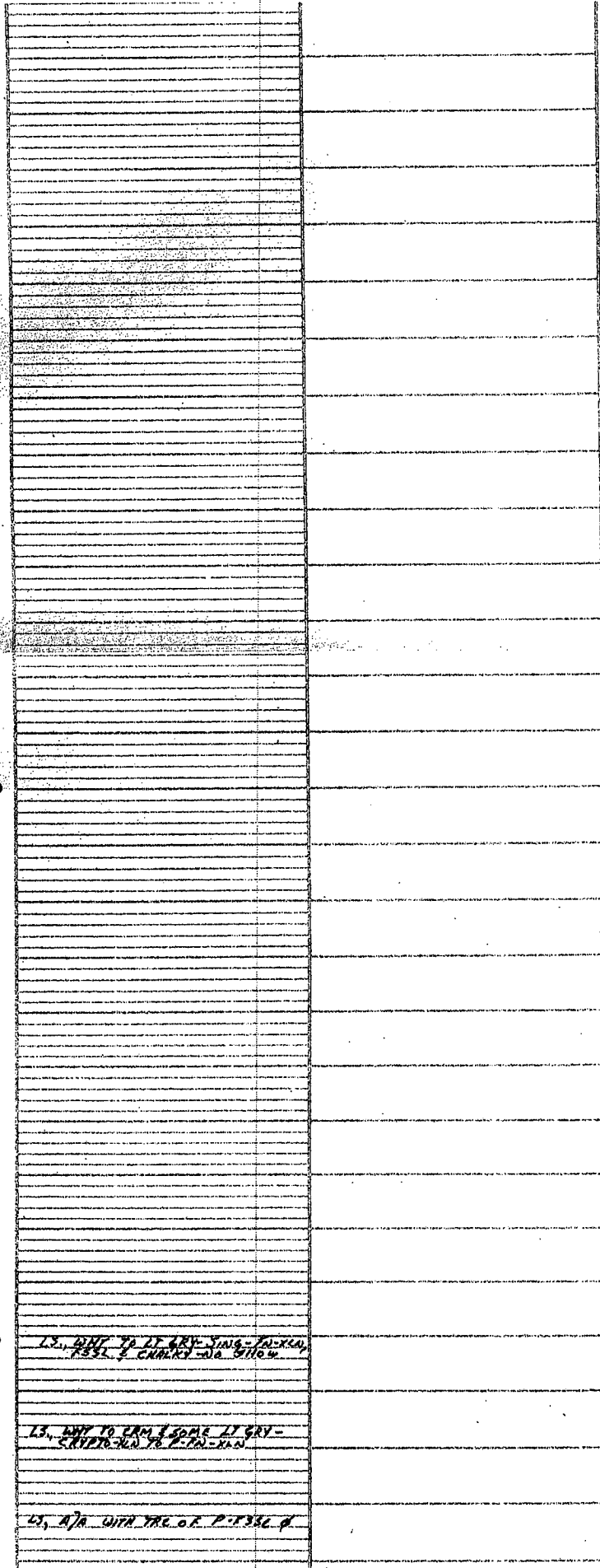
GEOLOGICAL WORKING

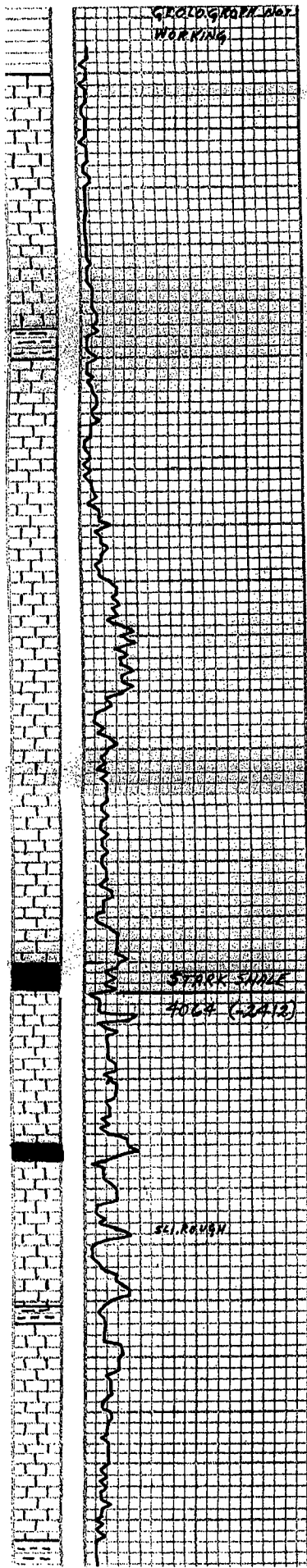
3900

LS. WHIT TO LT GRAY - IN-SEA  
FSSS & CHALKY - NO. 1104

LS. WHIT TO GRAY & SOME LT GRAY -  
S. 1104 - NO. 1104

LS. A/A WITH TRAC. OF P. 1336. 4





3900

LS. WHIT TO LT GRAY - SILTY - TAN - YLW FSSS & CHALKY - NO. SP. 0000

LS. WHIT TO TAN & SOME LT GRAY - CRISTO - TAN TO P - TAN - YLW

LS. R/A WITH TR. OF P. FSSS & P.

50

SH. GRAY & DK GRAY - SILTY & ARGILL

LS. GRAY - TAN - SILTY - FSSS (OOL. & P. & S.) CHALKY IN PART

LS. GRAY - TAN TO YLW & CHALKY

4000

LS. GRAY - TAN TO YLW - FSSS (OOL. & P. & S.) CHALKY IN PART

LS. TAN - GRAY - SILTY - FSSS (OOL. & P. & S.) DENSE TAN TO SILTY CHALKY

50

LS. GRAY - FSSS - SUB-CHALKY

SH. BLACK CARB.

LS. GRAY - LT GRAY & TAN - DENSE SIL - FSSS & CHALKY

SH. BLACK CARB.

4100

LS. WHIT GRAY - SILTY - FSSS - TAN - YLW CHALKY & SIL - FSSS - NO. SP. 0000

LS. WHIT FSSS, V. CHALKY

SH. GRAY, BRN, LT GRAY

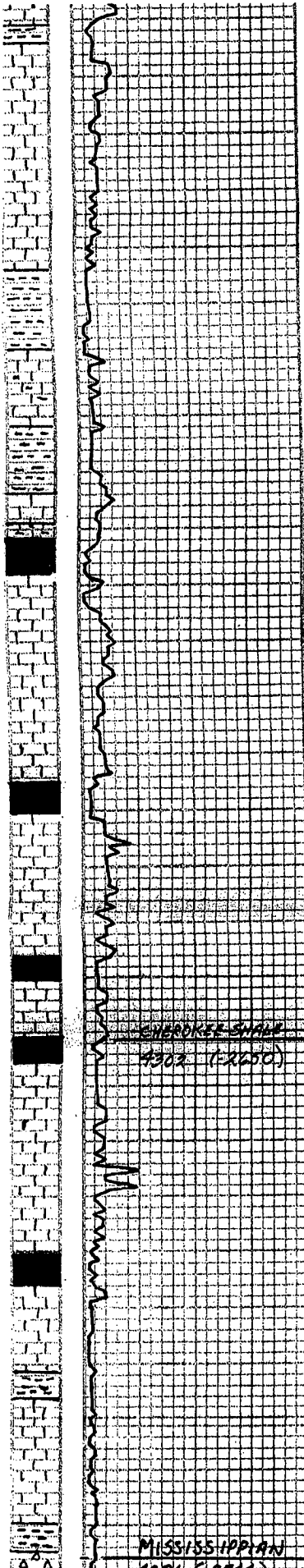
LS. WHIT - GRAY FSSS TO 600, SIL CHALKY

SH. ROUGH

50

LS. R/A GREEN MARN. GRAY SH

SH. GRAY - DK GRAY - ARGILL. BLACK CARB.



50

SH, GRAY, BRN, LF GRN

LS, WHY-CRM FSS TO 600, SLI  
CHALKY

LS, N/A WITH ABUND GRN SH

SH, GRAY, DK GRAY-ARGIL, W/BLACK  
CARB

LS, CRM, TAN, GRAY-FN-KLN-SLI-DRY

4200

SH, GRYS

SH, BLOOD OF BLACK CARB

LS, WHY-CRM SLI-FN-FR-KLN, SLI  
FSS & 300 CHALKY

LS, N/A

50

SH, BLACK CARB

LS, CRM-TAN, DENSE CRYPID-KLN  
TO P-FN-KLN-ALG SH RW

SH, BLACK CARB

LS, TAN - P-FN TO DENSE KLN

4300

CHEROKEE SHALE  
4302 (2000)

SH, BLACK CARB, ABUND DK GRY  
SHALE

SH, GRAY GRN

LS, CRM-TAN-FN-KLN TO DENSE  
KLN-ALG SHAN

LS, N/A W/ ABUND SH

VIS: 45  
WT: 9.3  
NL: 9.0  
CHL: 2.000  
LCM: 3#

50

SH, BLACK CARB

SH, ABUND VARI-COLOR

SH, VARI-COLOR-PRED GRYS

SH, N/A B.C. VE

MISSISSIPPIAN

4302 (EX-50)

SH, GRZ GRN

IS, GRN-TAN TO TAN TO DRUSE  
NO. - NO. STAIN

VIS: 45  
WT: 9.3  
NL: 9.0  
CML: 2000  
LCM: 34

IS, A/A D/ABOVE SH.

SH, BLACK CARB

50

SH, AROUND VARI-COLOR

SH, VARI-COLOR - PINK GRAYS

SH, A/A ABOVE

MISSISSIPPIAN  
4396 (2744)

4400

CHERT - WHT TO LT GRN - FRESH - SET  
SPTY STN - NO. STAIN, NO. FLOOR  
ODOR

360 UNIT GAS KICK - CHROM  
360 UNIT GAS KICK - HW

CHERT - WHT (FRESH) - GRN - TAN (WHT)  
SLT - EDGE STN, NO. FLOOR  
V. SLT - ODOOR

250 UNIT GAS KICK - CHROM  
125 UNIT GAS KIC - HW

CH, AROUND GRN TO OILY TAN - WHT  
TO TRIPOLIC - GLEGO - STRONG  
ODOR - G-FLOOR

CH, A/A ABOVE WITH OOL WHT A  
VUG & INTR - ALN P

50

CH, WHT-FRESH TO SLT - WHT - P)  
SPTY STN - BRN TO BLACK -  
NO. FLOOR, NO. ODOOR NO. FLOOR

CH, WHT-GRN FRESH TO EDGE WHT  
BLACK FLAKY OIL STN, NO. FLOOR

4500

CH, A/A ABOVE

CH, WHT-FRESH - V LITTLE VUG &  
TRC OF BLACK FLAKY OIL  
OIL STN

RTO: 4380  
RTO: 4382

50

RTO REACHED @ 4:15 P.M.  
ON 7-30-11