



KANSAS CORPORATION COMMISSION 1061819
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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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 #: _____

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: _____ Date: _____



1061819

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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PAID
7-29-11
FNB SP#7300

PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 07/08/2011
INVOICE NUMBER 1718 - 90641399		

Pratt (620) 672-1201
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O ATTN:

J LEASE NAME White 1-4
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40340867	19842		Net - 30 days	08/07/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 07/07/2011 to 07/07/2011</i>				
0040340867				
171804612A Cement-New Well Casing/Pi 07/07/2011 8 5/8" Surface Pipe				
A-Serv Lite	200.00	EA	10.01	2,002.00 T
Premium/Common	200.00	EA	12.32	2,463.99 T
Cello-flake	100.00	EA	2.85	284.90 T
Calcium Chloride	1,086.00	EA	0.81	878.03 T
Cement Gel	376.00	EA	0.19	72.38 T
Top Rubber Cement Plug 8 5/8"	1.00	EA	173.25	173.25
Unit Mileage Charge-Pickups, Vans & Cars	30.00	HR	3.27	98.18
Heavy Equipment Mileage	60.00	MI	5.39	323.40
Proppant and Bulk Delivery Charges	543.00	MI	1.23	668.98
Depth Charge; 501-1000'	1.00	EA	924.00	924.00
Blending & Mixing Service Charge	400.00	MI	1.08	431.20
Plug Container Utilization Charge	1.00	EA	192.50	192.50
Supervisor	1.00	HR	134.75	134.75

LEASE	LEV	P/P
White 1-4	5	7/20
DES		A/P
CEMENT SURF CSNG		7/22
NET COM LOE G/L		D/D
X		71730 / 9063.75

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,647.56
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	416.19
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	9,063.75
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

DATE _____ TICKET NO. _____

DATE OF JOB <u>7-7-2011</u> DISTRICT <u>PRATT, Ks.</u>		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 <u>STRATA EXPLORATION, INC.</u>		LEASE <u>WHITE</u>		WELL NO. <u>1-4</u>						
ADDRESS _____		COUNTY <u>KIOWA</u>		STATE <u>Ks.</u>						
CITY _____ STATE _____		SERVICE CREW <u>LESLEY, MITCHELL, MUNOZ</u>								
AUTHORIZED BY _____		JOB TYPE: <u>CNW-8 5/8" S.P.</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>19870</u>	<u>1</u>						<u>7-7-11</u>			<u>4:00</u>
<u>19889-19842</u>	<u>1</u>					ARRIVED AT JOB				<u>6:30</u>
<u>19827-19566</u>	<u>1</u>					START OPERATION				<u>9:00</u>
<u>-LIBERAL, Ks.</u>						FINISH OPERATION				<u>10:00</u>
<u>-BULK TRUCK</u>						RELEASED				<u>10:30</u>
						MILES FROM STATION TO WELL				<u>30</u>

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
<u>CL 106</u>	<u>A-SERV LITE</u>	<u>SK</u>	<u>200</u>		<u>2,600 00</u>
<u>CL 100</u>	<u>PREMIUM /COMMON</u>	<u>SK</u>	<u>200</u>		<u>3,200 00</u>
<u>CC 102</u>	<u>CELL-FLAKE</u>	<u>lb</u>	<u>100</u>		<u>370 00</u>
<u>CC 109</u>	<u>CALCIUM CHLORIDE</u>	<u>lb</u>	<u>1086</u>		<u>1,140 30</u>
<u>CC 200</u>	<u>CEMENT GEL</u>	<u>lb</u>	<u>376</u>		<u>94 00</u>
<u>CF 105</u>	<u>TOP RUBBER PLUG, 8 5/8"</u>	<u>EA</u>	<u>1</u>		<u>225 00</u>
<u>F 100</u>	<u>PICKUP MILEAGE</u>	<u>MI</u>	<u>30</u>		<u>127 50</u>
<u>F 101</u>	<u>HEAVY EQUIPMENT MILEAGE</u>	<u>MI</u>	<u>60</u>		<u>420 00</u>
<u>E 113</u>	<u>BULK DELIVERY CHARGE</u>	<u>TM</u>	<u>543</u>		<u>868 80</u>
<u>CE 201</u>	<u>DEPTH CHARGE, 501'-1000'</u>	<u>HRS</u>	<u>1-4</u>		<u>1,200 00</u>
<u>CE 240</u>	<u>BLENDING SERVICE CHARGE</u>	<u>SK</u>	<u>400</u>		<u>560 00</u>
<u>CE 504</u>	<u>PLUG CONTAINER CHARGE</u>	<u>JOB</u>	<u>1</u>		<u>250 00</u>
<u>S 003</u>	<u>SERVICE SUPERVISOR</u>	<u>EA</u>	<u>1</u>		<u>175 00</u>

SUB TOTAL \$ 8,647.50

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <u>Mitch Lesley</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO. _____	

Customer STRATA EXPLORATION		Lease No.		Date	
Lease WHITE		Well # 1-4 TD 7		7-7-2011	
Field Order # 4102	Station PRATT, Ks.	Casing 8 5/8"	Depth 543'	County KIOWA	State Ks.
Type Job CNW - 8 5/8" S.P.			Formation	Legal Description 4-28-18	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8"	Tubing Size	Shots/Ft	CMT -	Acid- 200SK A-SERV	RATE	PRESS	ISIP	
Depth 325.52'	Depth	From	To	Pre Pad @ 1.64 CUFT³	Max		5 Min.	
Volume 33	Volume	From	To	Pad 200SK PREMIUM	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac @ 1.34 CUFT³	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 505	Packer Depth	From	To	Flush 32 BBL	Gas Volume		Total Load	

Customer Representative GEORGE PAINE	Station Manager D. SLOTT	Treater K. LESLEY
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Service Units	19870	19889	19842	19827	19566	LIBERAL, Ks.	BULK TRUCK		
Driver Names	LESLEY	MITCHELL		MUNOZ					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:30 AM					ON LOCATION - SAFETY MEETING
8:15 AM					RUN 8 5/8" x 23# = 13 JTS.
9:00 AM					CSG. ON BOTTOM
9:15 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
9:32 AM	150		58	6	MIX 200 SKS A-SERV LITE @ 13.36 PPG
9:42 AM	100		47	6	MIX 200 SKS PREMIUM / COMMON @ 15.0 PPG
9:50 AM					SHUT DOWN - RELEASE PLUG
9:54 AM	0		0	5	START DISPLACEMENT
10:00 AM	250		32	4	PLUG DOWN - CLOSE IN
					CIRCULATION THRU JOB
					CIRCULATED 15 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEVIN LESLEY



PAID
7-29-11
FND SP# 7306

PAGE 1 of 1	CUST NO 1004072	INVOICE DATE 07/19/2011
INVOICE NUMBER 1718 - 90648570		

Pratt (620) 672-1201
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O ATTN:

J LEASE NAME White 1-4
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40344986	19905		Net - 30 days	08/18/2011

For Service Dates: 07/16/2011 to 07/16/2011

0040344986

171804618A Cement-New Well Casing/Pi 07/16/2011
 5 1/2" Longstring

QTY	U of M	UNIT PRICE	INVOICE AMOUNT																								
<table border="1" style="width: 100%;"> <tr> <td>LEASE</td> <td>LEV</td> <td>P/P</td> </tr> <tr> <td>7/21</td> <td>5</td> <td>7/20</td> </tr> <tr> <td>DES</td> <td>A/P</td> <td></td> </tr> <tr> <td>CEMENT 5 1/2" LONGSTRING</td> <td>7/25</td> <td></td> </tr> <tr> <td>DRL</td> <td>COM</td> <td>LOS</td> </tr> <tr> <td>K</td> <td></td> <td></td> </tr> <tr> <td colspan="2">G/L</td> <td>D/D</td> </tr> <tr> <td colspan="2">73551/12099</td> <td></td> </tr> </table>				LEASE	LEV	P/P	7/21	5	7/20	DES	A/P		CEMENT 5 1/2" LONGSTRING	7/25		DRL	COM	LOS	K			G/L		D/D	73551/12099		
LEASE	LEV	P/P																									
7/21	5	7/20																									
DES	A/P																										
CEMENT 5 1/2" LONGSTRING	7/25																										
DRL	COM	LOS																									
K																											
G/L		D/D																									
73551/12099																											
200.00	EA	8.69	1,737.91 T																								
50.00	EA	9.48	473.97 T																								
50.00	EA	2.92	146.14 T																								
840.00	EA	0.59	497.67 T																								
84.00	EA	5.92	497.67 T																								
453.00	EA	1.18	536.78 T																								
1,200.00	EA	0.53	635.13 T																								
1,000.00	EA	0.68	679.36 T																								
5.00	EA	27.65	138.24 T																								
1.00	EA	315.98	315.98																								
1.00	EA	284.38	284.38																								
12.00	EA	86.90	1,042.74																								
2.00	EA	229.09	458.18																								
10.00	EA	59.25	592.47																								
30.00	HR	3.36	100.72																								
60.00	MI	5.53	331.78																								
317.00	MI	1.26	400.67																								
1.00	HR	1,990.70	1,990.70																								
250.00	MI	1.11	276.49																								
1.00	EA	197.49	197.49																								
1.00	HR	138.24	138.24																								
1.00	EA	236.99	236.99																								

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,709.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	390.03
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	12,099.73
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



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

FIELD SERVICE TICKET
 1718 04618 A

DATE _____ TICKET NO. _____

OF 3 7-16-2011 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 STRATA EXPLORATION	LEASE WHITE WELL NO. 1-4
ADDRESS	COUNTY KIOWA STATE Ks.
CITY STATE	SERVICE CREW LESLEY, MATEL, LAWRENCE
AUTHORIZED BY	JOB TYPE: CNW - 5'1/2" L.S.
EQUIPMENT# HRS EQUIPMENT# HRS 5' EQUIPMENT# HRS	TRUCK CALLED 7-16-11 DATE AM PM TIME
27283 1	ARRIVED AT JOB AM PM 7:00
19903-19905 1	START OPERATION AM PM 3:00
19832-21010 1	FINISH OPERATION AM PM 3:45
	RELEASED AM PM 4:30
	MILES FROM STATION TO WELL 30

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: *[Signature]*
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 104	50/50 POZ	SK	200 ✓		2,200.00
CP 103	60/40 POZ	SK	50 ✓		600.00
CC 102	CELL-FLAKE	lb	50 ✓		185.00
CC 113	CAL-SET	lb	840 ✓		630.00
CC 129	FLA-322	lb	84 ✓		630.00
C 700	KCl, POTASSIUM CHLORIDE	lb	453 ✓		679.50
CC 201	GILSONITE	lb	1200 ✓		804.00
CF 607	LATCHDOWN PLUG & BAFFLE, 5'1/2"	EA	1		400.00
CF 1251	AUTO FILL FLOAT SHOE, 5'1/2"	EA	1		360.00
CF 1651	TURBOLIZER, 5'1/2"	EA	12		1,320.00
CF 1901	BASKET, 5'1/2"	EA	2		580.00
CF 2001	SCRATCHERS-CABLE TYPE, 5'1/2"	EA	10		750.00
CC 151	MUD FLUSH	GAL	1000 ✓		860.00
C 704	CS-1L KCL SOB.	GAL	5 ✓		175.00
CF 503	HIGH HEAD CHRG. (DERRICK CHARGE)	EA	1		300.00

CHEMICAL / ACID DATA:			

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

SUB TOTAL	
TOTAL	

SERVICE REPRESENTATIVE *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
 FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



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

FIELD SERVICE TICKET

1718 04619 A

CONTINUATION

DATE TICKET NO.

Form containing job details: OF 7-16-2011 DISTRICT PRATT, Ks. NEW WELL [checked] OLD WELL [unchecked] PROD [unchecked] INJ [unchecked] WDW [unchecked] CUSTOMER ORDER NO.: [unchecked]. CUSTOMER STRATA EXPLORATION. LEASE WHITE. WELL NO. 1-4. ADDRESS [blank]. COUNTY KIOWA. STATE Ks. CITY [blank]. STATE [blank]. SERVICE CREW LESLEY, MATTEL, LAWRENCE. AUTHORIZED BY [blank]. JOB TYPE: CNW - 5 1/2" L.S. Equipment table with columns: EQUIPMENT#, HRS, EQUIPMENT#, HRS, EQUIPMENT#, HRS. Truck call log: TRUCK CALLED 7-16-11 AM 6:00, ARRIVED AT JOB AM 7:00, START OPERATION AM 3:00, FINISH OPERATION PM 3:45, RELEASED PM 4:30, MILES FROM STATION TO WELL 30.

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: [Signature]

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

Table with 6 columns: ITEM/PRICE REF. NO., MATERIAL, EQUIPMENT AND SERVICES USED, UNIT, QUANTITY, UNIT PRICE, \$ AMOUNT. Includes items like PICKUP MILEAGE, HEAVY EQUIPMENT MILEAGE, BULK DELIVERY CHARGE, DEPTH CHARGE, BLENDING SERVICE CHARGE, PLUG CONTAINER CHARGE, SERVICE SUPERVISOR.

SUB TOTAL 11,709.70

Table with 4 columns: CHEMICAL / ACID DATA: (Empty table)

Table with 3 columns: SERVICE & EQUIPMENT, MATERIALS, TOTAL. Includes TAX ON \$ columns.

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature] (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



Log services, L.P.

TREATMENT REPORT

DATA EXPLORATION
 WHITE
 Order # 1018 Station PRATT, KS. Casing 5 1/2" Depth 4870' County KIOWA State KS.
 Job CNW-5 1/2" L.S. Formation Legal Description 4-28-18
 Lease No. Date 7-16-2011
 Well # 1-4

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2"	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 4863'	Depth	From	To	Pre Pad		Max		5 Min.
Volume 115.7 BBL	Volume	From	To	Pad		Min		10 Min.
Max Press 1500	Max Press	From	To	Frac		Avg		15 Min.
Well Connection 1 1/2"	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 4850'	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative MIKE Station Manager D. SCOTT Treater K. LESLEY

Service Units	27283	19903	19905	19832	21010				
Driver Names	LESLEY	MATEL	---	LAURENCE	---				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00 AM					ON LOCATION - SAFETY MEETING
8:30 AM					RUN 5 1/2" x 15.5" CSG. = 116 JTS.
					TURBO - 1, 2, 3, 4, 5, 8, 11, 14, 17, 20, 23, 26
					BASK - 8, 11
1:50 PM					CSG. ON BOTTOM / CIRC. FOR 1 HR.
3:00 PM					HOOK UP TO CSG. W/ PUMP TRUCK
3:05 PM	600		24	5	MUD FLUSH
3:06 PM	500		5	5	H2O SPACER
3:16 PM	500		48	5	MIX 200SKS 50/50 P02 @ 14.0# / GAL
3:25 PM					CLEAR PUMP & LINE - DROP PLUG
3:28 PM	0		0	7	START DISPLACEMENT W/ 2% KCL
3:38 PM	300		82	6	LIFT PRESSURE
3:40 PM	500	100		5	SLOW RATE
3:45 PM	1700	115.5		4	PLUG DOWN - HELD
			6.4		CIRCULATION THRU JOB
					PLUG R.H. & M.H.
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration, Inc.

#1-4 White

PO Box 401
Fairfield IL 62837

4-28-18, Kiowa KS

ATTN: Jon Christenson

Job Ticket: 43912

DST#: 1

Test Start: 2011.07.11 @ 22:30:40

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:04:40

Time Test Ended: 08:18:40

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 4224.00 ft (KB) To 4242.00 ft (KB) (TVD)

Reference Elevations: 2221.00 ft (KB)

Total Depth: 4242.00 ft (KB) (TVD)

2210.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8369 Outside

Press @ Run Depth: 26.95 psig @ 4225.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.11

End Date: 2011.07.12

Last Calib.: 2011.07.12

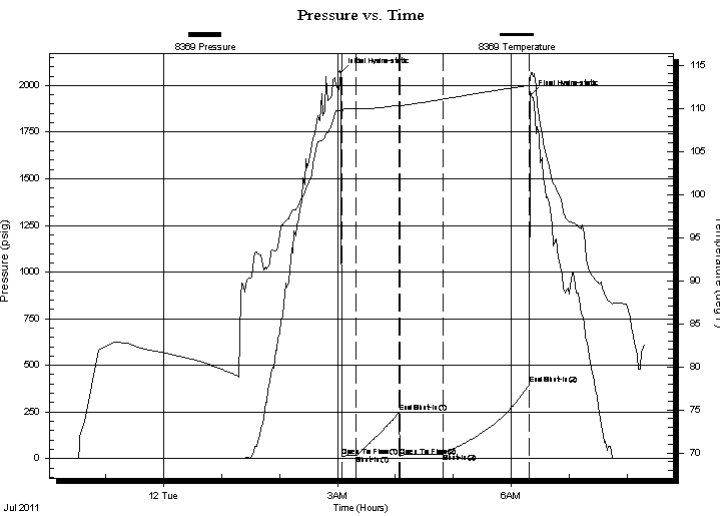
Start Time: 22:30:45

End Time: 08:18:40

Time On Btm: 2011.07.12 @ 03:03:10

Time Off Btm: 2011.07.12 @ 06:20:40

TEST COMMENT: IF-9in blow
ISI-No blow
FF-5.25in blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.32	109.71	Initial Hydro-static
2	11.96	109.60	Open To Flow (1)
16	18.07	109.94	Shut-In(1)
61	251.60	110.36	End Shut-In(1)
62	13.75	110.29	Open To Flow (2)
107	26.95	111.05	Shut-In(2)
196	397.03	112.67	End Shut-In(2)
198	1948.97	114.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SWCM 10%W 90%M	0.15
0.00	90ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration, Inc.

#1-4 White

PO Box 401
Fairfield IL 62837

4-28-18, Kiowa KS

Job Ticket: 43912

DST#: 1

ATTN: Jon Christenson

Test Start: 2011.07.11 @ 22:30:40

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:

50000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 14.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	SWCM 10%W 90%M	0.148
0.00	90ft GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

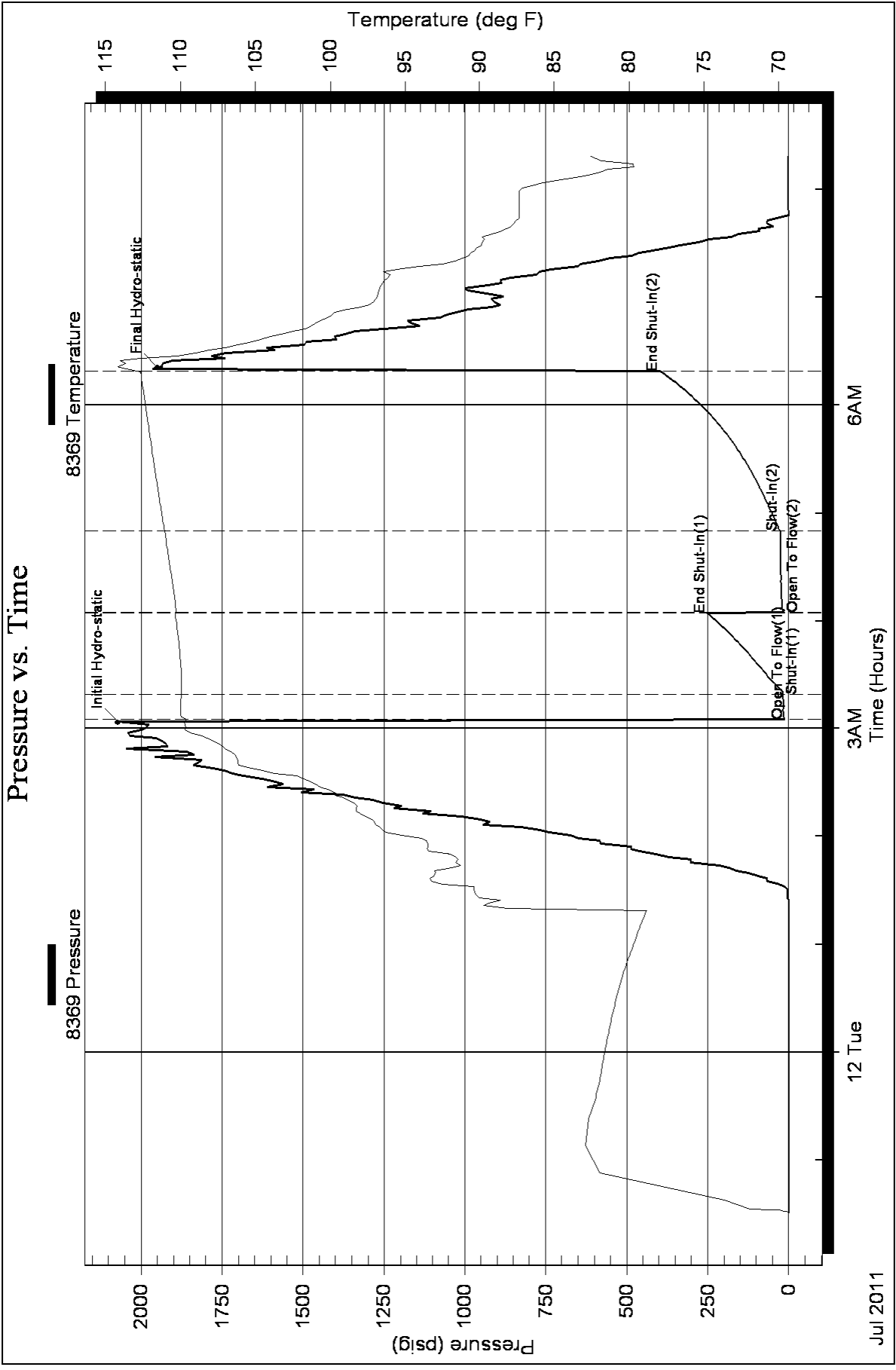
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration, Inc.

#1-4 White

PO Box 401
Fairfield IL 62837

4-28S-18W, Kiowa

ATTN: Jon Christensen

Job Ticket: 43928

DST#: 2

Test Start: 2011.07.14 @ 05:00:55

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:09:55

Time Test Ended: 12:27:40

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 4775.00 ft (KB) To 4826.00 ft (KB) (TVD)

Reference Elevations: 2221.00 ft (KB)

Total Depth: 4826.00 ft (KB) (TVD)

2210.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 856.62 psig @ 4776.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.14

End Date:

2011.07.14

Last Calib.:

2011.07.14

Start Time: 05:00:56

End Time:

12:27:40

Time On Btm:

2011.07.14 @ 08:06:55

Time Off Btm:

2011.07.14 @ 10:09:55

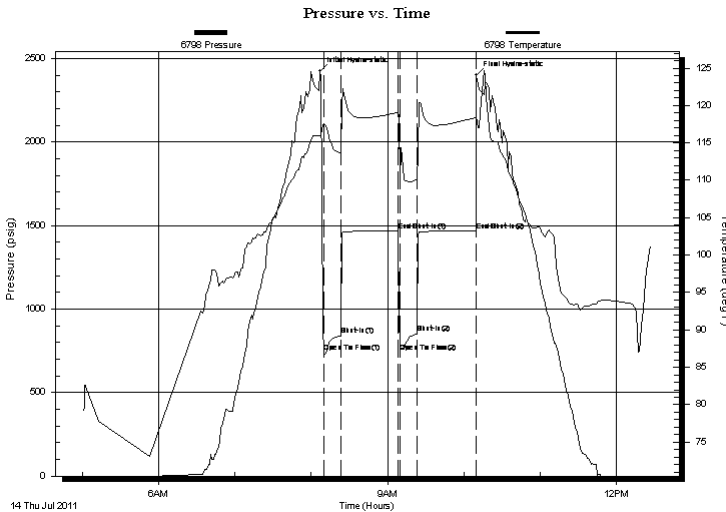
TEST COMMENT: IF: Strong Blow , BOB in 15 seconds, GTS in 2 minutes, Gauged Gas & Caught Sample

IS: Would Not Bleed Off

FF: Strong Blow , BOB & GTS Immediate

FS: Would Not Bleed Off

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2424.56	115.99	Initial Hydro-static
3	745.29	117.44	Open To Flow (1)
17	844.72	113.54	Shut-In(1)
62	1468.19	119.09	End Shut-In(1)
63	744.29	109.64	Open To Flow (2)
77	856.62	110.13	Shut-In(2)
123	1467.37	118.38	End Shut-In(2)
123	2399.94	118.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4514 Feet GIP	0.00
60.00	GSY SOWCM 12%G 4%O 8%W 76%M	0.30
180.00	GCM 2%G 98%M	1.13
30.00	SWCM 4%W 96%M	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	115.00	3720.10
Last Gas Rate	1.00	130.00	4151.33
Max. Gas Rate	1.00	130.00	4151.33



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration, Inc.

#1-4 White

PO Box 401
Fairfield IL 62837

4-28S-18W, Kiowa

Job Ticket: 43928

DST#: 2

ATTN: Jon Christensen

Test Start: 2011.07.14 @ 05:00:55

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:

8500 ppm

Viscosity: 90.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4514 Feet GIP	0.000
60.00	GSY SOWCM 12%G 4%O 8%W 76%M	0.295
180.00	GCM 2%G 98%M	1.131
30.00	SWCM 4%W 96%M	0.421

Total Length: 270.00 ft Total Volume: 1.847 bbl

Num Fluid Samples: 0

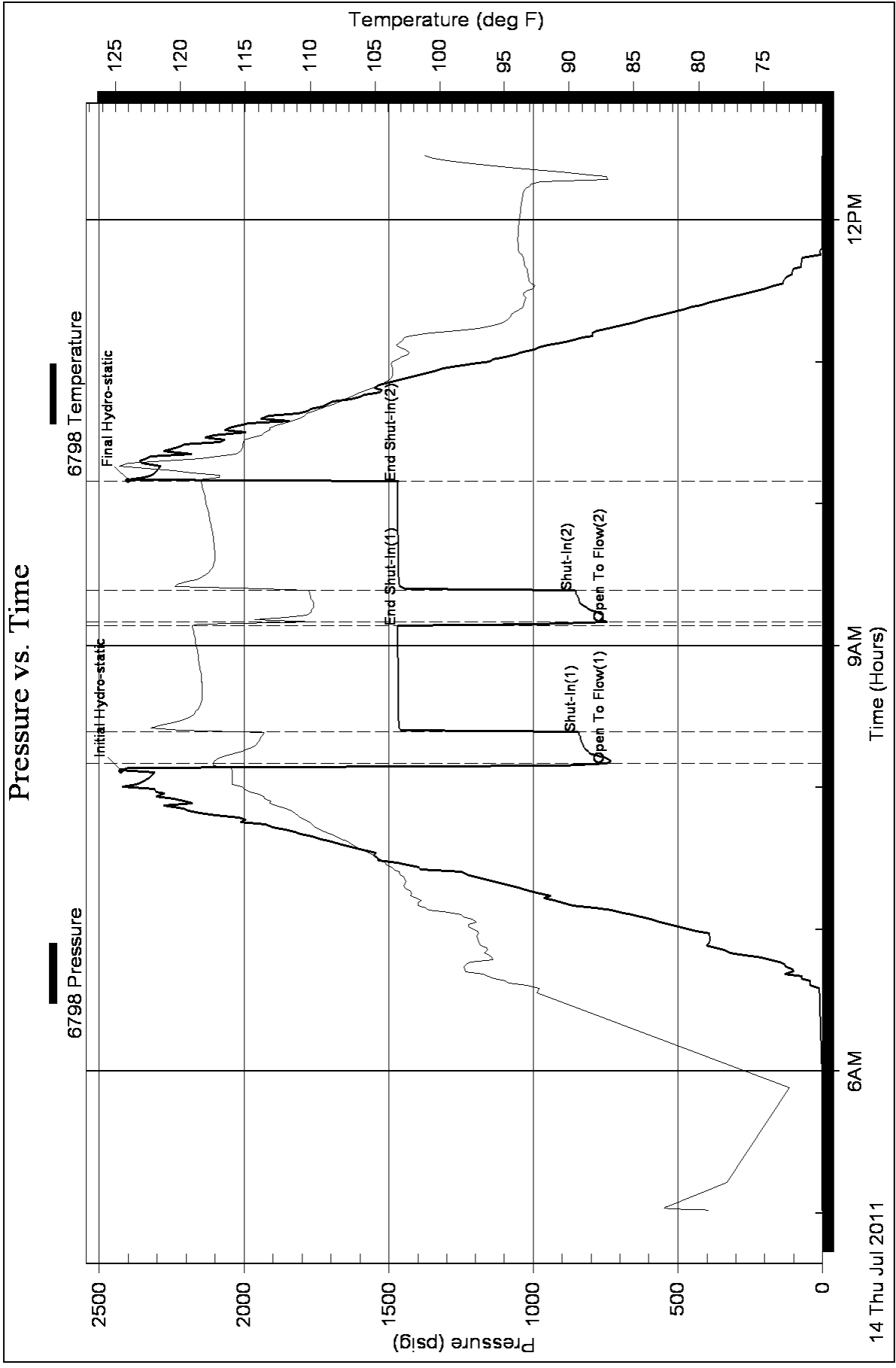
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .05 @ 100 degrees





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration, Inc.

#1-4 White

PO Box 401
Fairfield IL 62837

4-28S-18W, Kiowa

ATTN: Jon Christensen

Job Ticket: 43929

DST#: 3

Test Start: 2011.07.14 @ 20:40:56

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:26

Time Test Ended: 05:55:26

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 4826.00 ft (KB) To 4841.00 ft (KB) (TVD)

Reference Elevations: 2221.00 ft (KB)

Total Depth: 4841.00 ft (KB) (TVD)

2210.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 1320.80 psig @ 4827.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.14

End Date:

2011.07.15

Last Calib.:

2011.07.15

Start Time: 20:40:57

End Time:

05:55:26

Time On Btm:

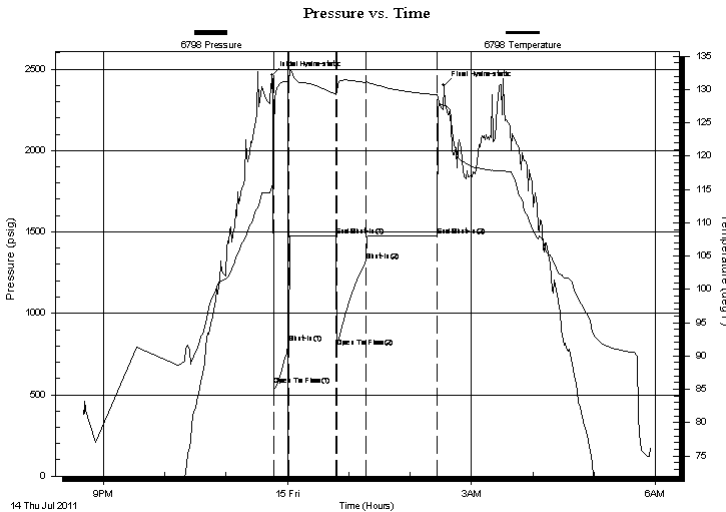
2011.07.14 @ 23:45:11

Time Off Btm:

2011.07.15 @ 02:32:56

TEST COMMENT: IF: Strong Blow, BOB in 15 seconds, GTS in 5 minutes, Gauged Gas
 IS: Bled Off, BOB Blow back in 2 minutes
 FF: Strong Blow, BOB & GTS Immediate, Gauged Gas, OTS in 30 minutes
 FS: Would Not Bleed Of

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2461.67	115.55	Initial Hydro-static
2	557.98	116.02	Open To Flow (1)
17	817.91	131.25	Shut-In(1)
62	1476.43	129.31	End Shut-In(1)
63	790.82	129.52	Open To Flow (2)
92	1320.80	131.06	Shut-In(2)
161	1476.15	129.24	End Shut-In(2)
168	2399.18	127.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Water	0.61
4690.00	GSY Oil 5%G 95%O	64.99

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25	14.00	45.05
Max. Gas Rate	0.25	15.00	46.64



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration, Inc.

#1-4 White

PO Box 401
Fairfield IL 62837

4-28S-18W, Kiowa

Job Ticket: 43929

DST#: 3

ATTN: Jon Christensen

Test Start: 2011.07.14 @ 20:40:56

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

110000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	Water	0.615
4690.00	GSY Oil 5%G 95%O	64.987

Total Length: 4815.00 ft Total Volume: 65.602 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

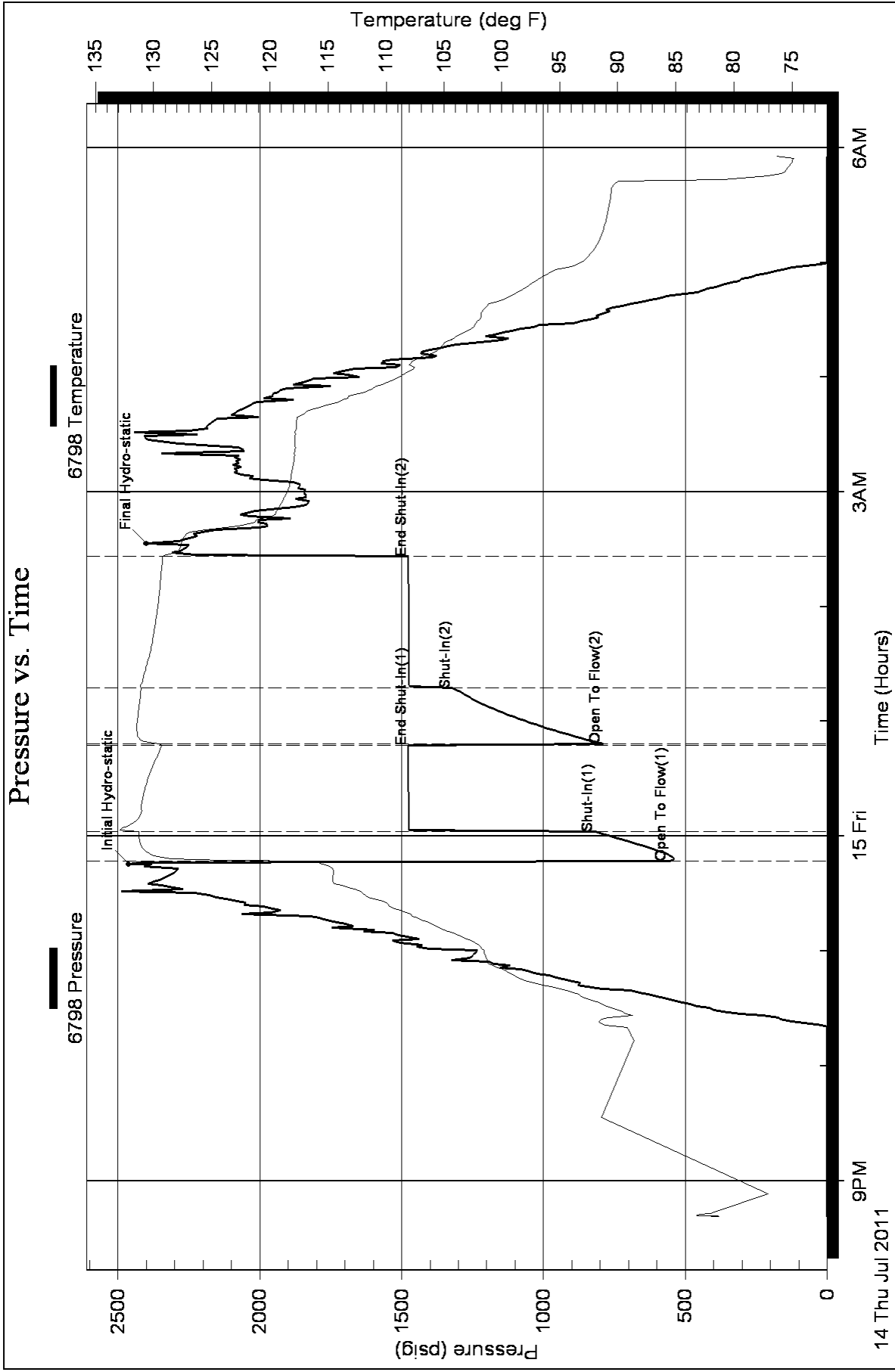
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil Gravity was 31 @ 80 degrees (29 corrected)

RW was .065 @ 80 degrees



LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: #1-4 White
Location: 2310' FSL & 520' FWL, Sec. 4-T28S-R18W, Kiowa Co., KS.
Licence Number: 15-097-21697
Spud Date: 7/6/2011
Surface Coordinates: 2310' FSL & 520' FWL, Sec. 4-T28S-R18W
Region: Einsel Field
Drilling Completed: 7/15/2011

Bottom Hole Same as Above
Coordinates:
Ground Elevation (ft): 2210' K.B. Elevation (ft): 2221'
Logged Interval (ft): 3400' To: 4870' Total Depth (ft): 4870'
Formation: Kinderhook at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 3465'; Chemical Gel 3465' to 4870'

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

OPERATOR

Company: Strata Exploration, Inc.
Address: P.O. Box 401
Fairfield, IL. 62837-0401

GEOLOGIST

Name: Jon D. Christensen
Company: Consulting Petroleum Geologist
Address: 9002 W. Silver Hollow St.
Wichita, KS. 67205-8856

Cores

None Taken

DSTs

DST #1(Lansing 'A') 4224' - 4242' Test Times 15"-45"-45"-90" IFP Fair Blow built to 9", FFP Fair Blow built to 5.25", no Blowback on SI's; REC: 90' Gas in Pipe, 30' WCM(10%W, 90%M) CI 50,000, Mud 8,200, no oil shows; IFP 12-18#, ISIP 252#, FFP 14-27#, FSIP 397#, IHP 2070#, FHP 1949#, BHT 113 Deg. F.

DST #2(Mississippi Chert) 4775' - 4826' Test Times 15"-45"-15"-45" IFP Strong Blow BOB/15 Sec. Gas to Surface in 2 Min., Gauged 3.863 MMCFG, FFP BOB Blow - Gauged 4.151 MMCFG/15", spraying mist to heavy mist/10" of FFP, Blow would not bleed off during SI's; REC: 270' Total Fluid: 30' SWCM(4%W, 96%M), 180' GCM(2%G, 98%M), 60' GOCWM(12%G, 4%O, 8%W, 76%M) CI 8500, Mud 9200; IFP 745-844#, ISIP 1468#, FFP 744-856#, FSIP 1467#, IHP 2424#, FHP 2400#, BHT 118 Deg. F.

DST #3(Miss. Chert) 4826' - 4841' Test Times 15"-45"-30"-60" IFP Strong Blow BOB/15 Sec. Gas to Surface in 5 Min., Strong Blowback in 2" on ISI; FFP GTS throughout, Gauged 45.0 MCFG/30" of FFP - Flowed gassy oil to surface when tool shut in (= OTS in 45"). Dropped the bar, broke circ. sub pin and reversed fluids to reserve pit. REC: 4690' CGO(5%G, 95%O) API 29 Deg., 125 SW, CI 110,000; IFP 558-818#, ISIP 1476#, FFP 791-1321#, FSIP 1476#, IHP 2461#, FHP 2399#, BHT 129 Deg. F.

Comments

7/6/11 MIRU Sterling Drilling Co. Rig #2, Spud at 8:30 PM.; 7/7/11 TD. 543' - Circ. to run 8 5/8"; 7/8/11 Drilling at 1110'; 7/9/11 Drilling at 2441'; 7/10/11 Drilling at 3284'; 7/11/11 Drilling at 4009'; 7/12/11 TD. 4242' - TOH with DST #1; 7/13/11 Drilling at 4609'; 7/14/11 TD. 4826' - TIH for DST #2; 7/15/11 TD. 4841' - TIH after DST #3, drilled onto Total Depth at 4870' - ran Halliburton Logs; 7/16/11 RTD. 4870', LTD.

8 5/8" (23#) Surface Casing set at 539' w/400 sx.(Basic Energy Services). Cement did Circulate. PD. 10:00 AM. on 7/7/11.

Surveys: 0.75 Deg. at 543'(Surface Casing); 1 Deg. at 4242'(DST #1); 0.75 Deg. at 4826'(DST #2); 1.75 Deg. at 4870' RTD.

Pipe Strap at 4242'(DST #1): Strap 6.16' Short to the Board(Questionable Strap): no correction made to the Board.

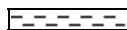



Pipe Strap at 4826'(DST #2): Strap 3.22' Short to the Board, no correction made to the Board.





After review of the Halliburton Logs, DST data, structural position and positive indications of commercial amounts of hydrocarbons, the operator elected to set new 5 1/2" Production Casing for completion in the Mississippi Chert.

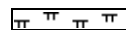

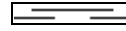

LOG TOPS:

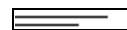



ROCK TYPES

	Anhy
	Bent
	Brec
	Cht

	Clyst
	Coal
	Congl
	Dol

	Gyp
	Igne
	Lmst
	Meta

	Mrlst
	Salt
	Shale
	Shcol

	Shgy
	Sltst
	Ss
	Till

ACCESSORIES

- MINERAL**
- Anhy
 - Arggrn
 - Arg
 - Bent
 - Bit
 - Breclrag
 - Calc
 - Carb
 - Chtdk
 - Chtlt
 - Dol
 - Feldspar
 - Ferrpel
 - Ferr
 - Glau

- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

- FOSSIL**
- Algae
 - Amph
 - Belm
 - Bioclst
 - Brach
 - Bryozoa
 - Cephal
 - Coral
 - Crin
 - Echin
 - Fish
 - Foram
 - Fossil
 - Gastro
 - Oolite

- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

- Siltstrg
- Ssstrg

- TEXTURE**
- Boundst
 - Chalky
 - Cryxln
 - Earthy
 - Finexln
 - Grainst
 - Lithogr
 - Microxln
 - Mudst
 - Packst
 - Wackest

- STRINGER**
- Anhy
 - Arg
 - Bent
 - Coal
 - Dol
 - Gyp
 - Ls
 - Mrst

OTHER SYMBOLS

- POROSITY**
- Earthy
 - Fenest
 - Fracture
 - Inter
 - Moldic
 - Organic
 - Pinpoint

- Vuggy
- SORTING**
- Well
 - Moderate
 - Poor

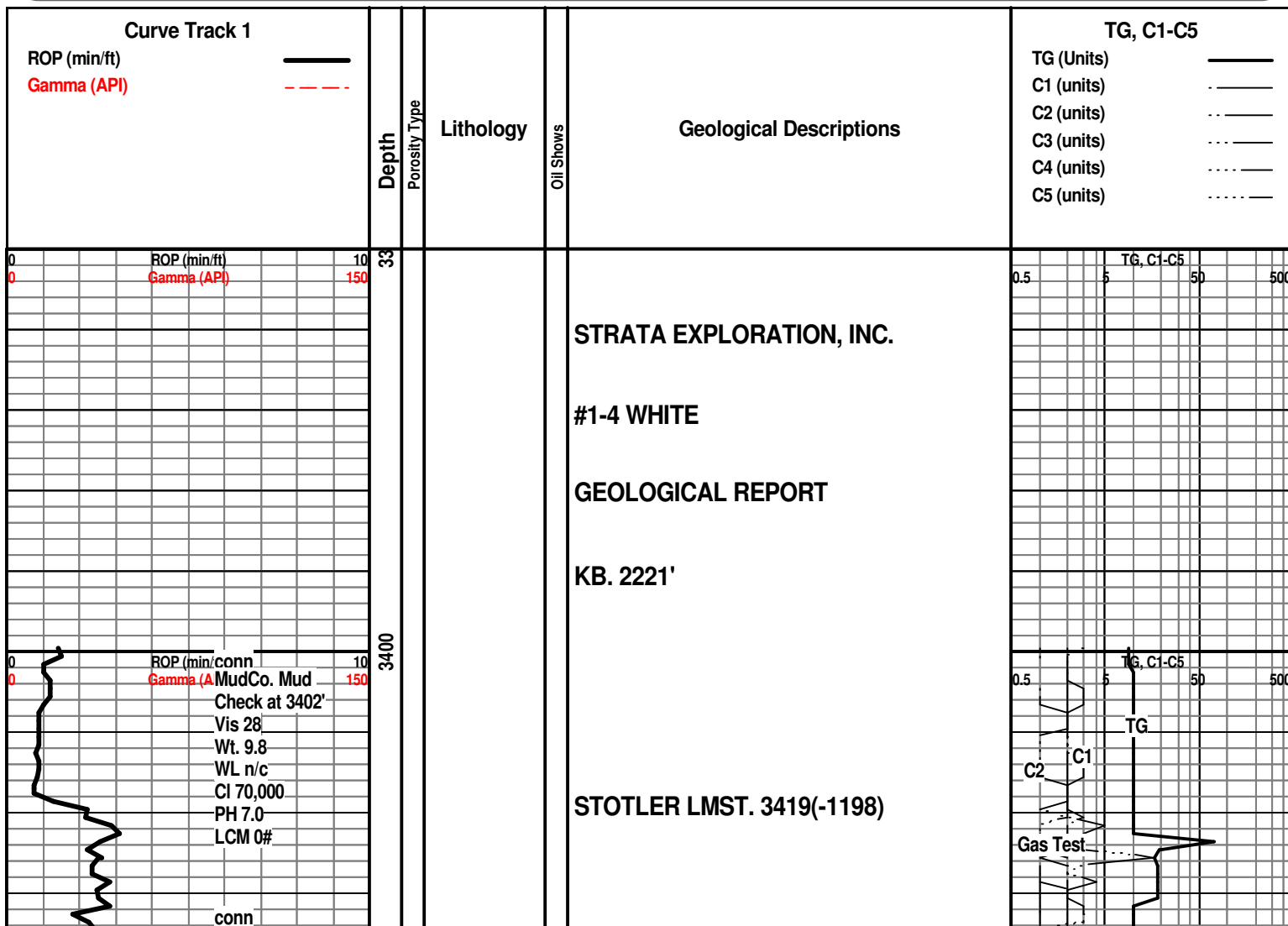
- ROUNDING**
- Rounded
 - Subrnd
 - Subang
 - Angular

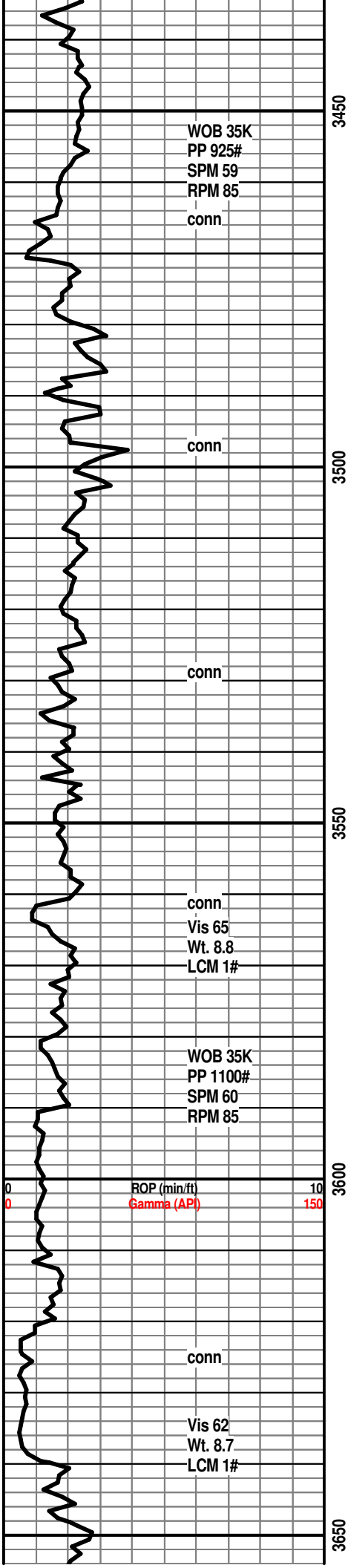
- Spotted
- Ques
- Dead

- EVENT**
- Rft
 - Sidewall

- INTERVAL**
- Core
 - Dst

- OIL SHOW**
- Even

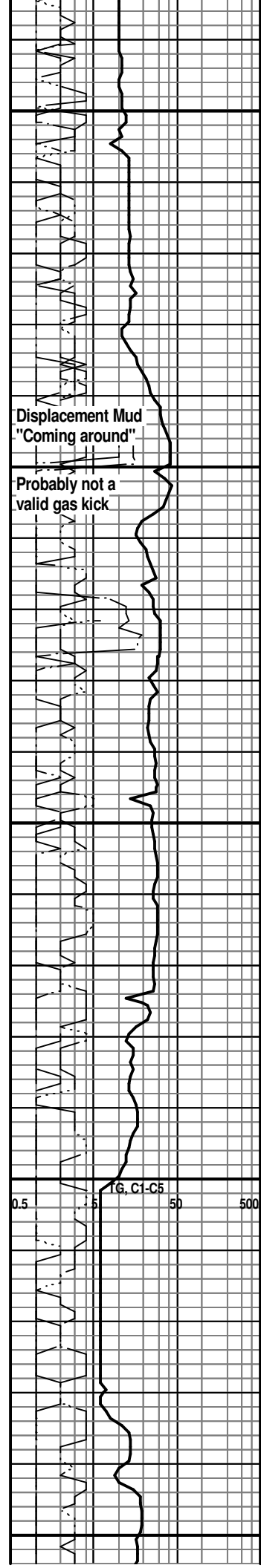


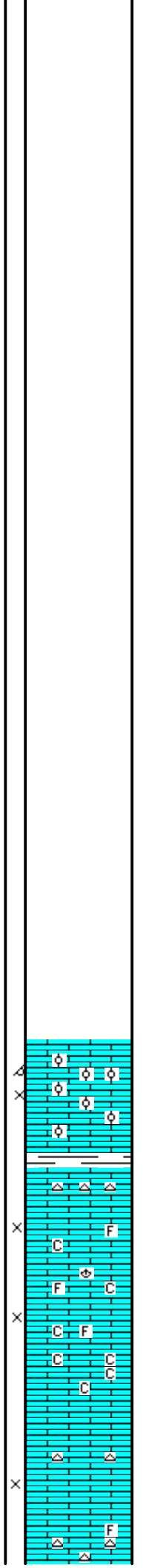
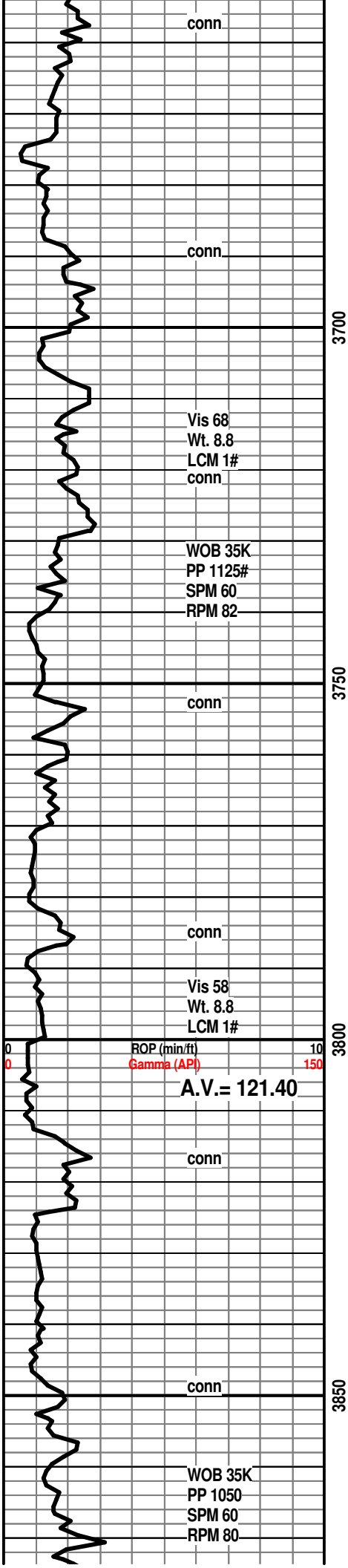


Begin Displacing Mud System at 3465'

Displacement done at 3497'

HOWARD 3618(-1397)





TOPEKA 3718(-1497)

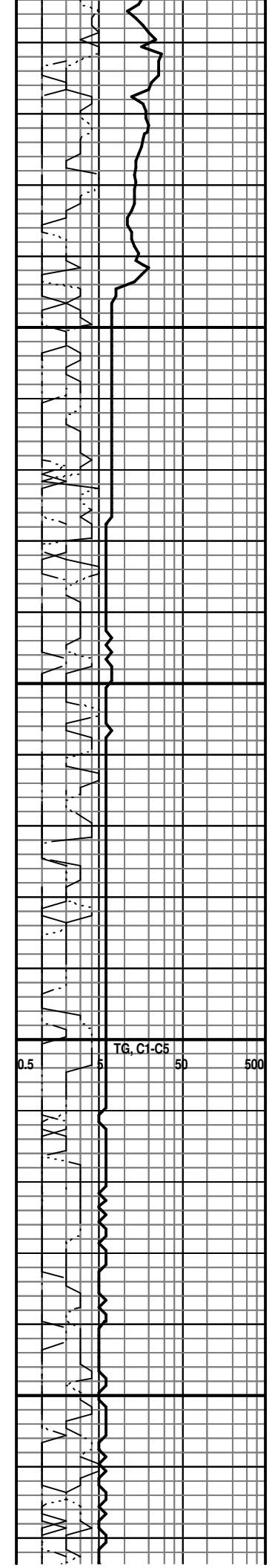
START 10' Wet and Dry Samples at 3800'
 LM; tan to cream, off wh, foss - oolitic ip, gd oomoldic por, scat lt yel min fluor, no stn or odor, ns.

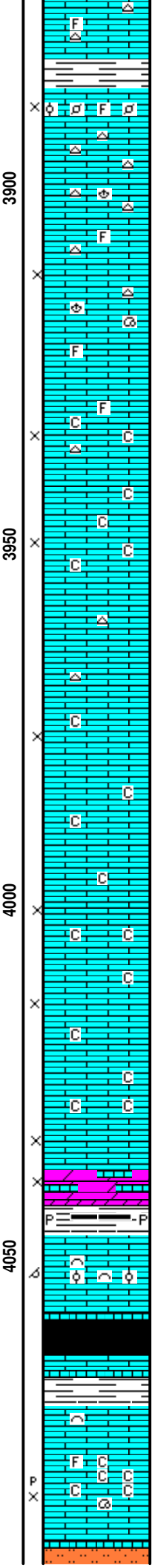
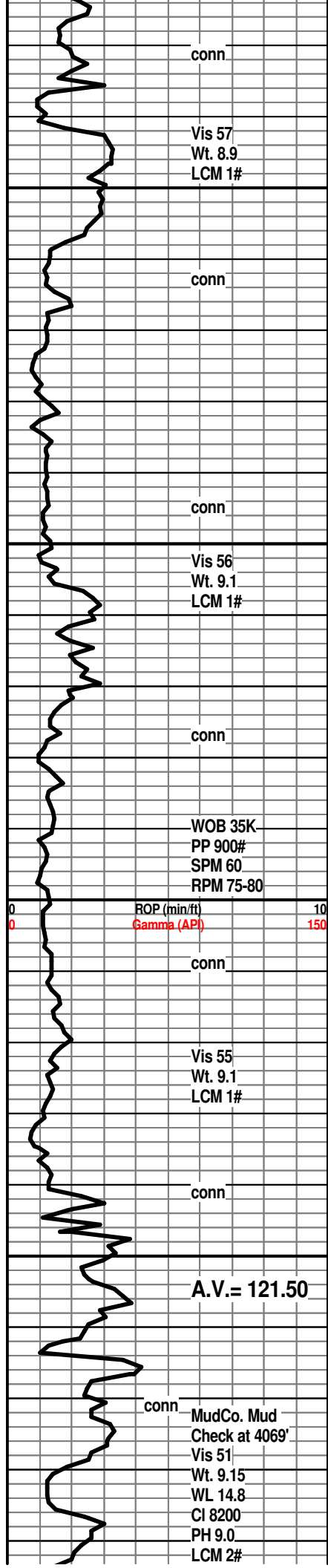
SH; med gy, grn, fiss
 LM; med brn, dense, cherty ip, tite

LM; tan to buff, off wh, med xln to gran text, scat foss mat, fair interxln por, occ soft chalky mtx, no fluor, no stn or odor, ns.

LM; tan to buff, off wh, med xln, incr. chalky, scat cse spar calc xtals, dull yel fluor, ns.

LM; tan to lt brn, rare lt gy, f to med xln, scat wh to gy cht, poor interxln por, no fluor, ns.





LM; tan to lt brn, most dense, scat foss mat, occ cherty, no vis por, no fluor, ns.

SH; med gy, platy, smooth

LM; tan, buff, v. foss w/med xln lmst, gd interpart/interxln por, lt yel min fluor, no stn or odor, ns.

LM; med brn, hd, micritic, blocky, scat wh/gy cht, tite

LM; tan to lt brn, buff, f to med xln, occ foss, scat poor to fair vis interxln por, cherty ip, no flour, no stn or odor, ns.

LM; tan to cream, off wh, most med xln, scat cse xln, chalky - soft ip, fair to gd interxln por, occ spar calc xtals, dull to lt yel min fluor, no stn or odor, ns.

LM; tan to lt brn, scat foss mat, blocky, rare gy cht, no vis por, no stn, ns.

LM; tan to off wh, wh, f to med xln, chalky mtx, interbdd tan oolitic lmst w/poor to fair moldic por, dull yel min flour, no stn odor, ns.

LM; off wh, tan, med to cse xln, scat cse spar calc xtals, occ chalky, dull yel min fluor, ns.

LM; off wh, cream, tan, f to med xln, firm, scat soft chalky mtx, poor to fair interxln por, no fluor, no stn or odor, ns.

DOL; tan to lt brn, sucrosic, lmy, fair interxln por, no stn or odor, dull yel min fluor, ns.

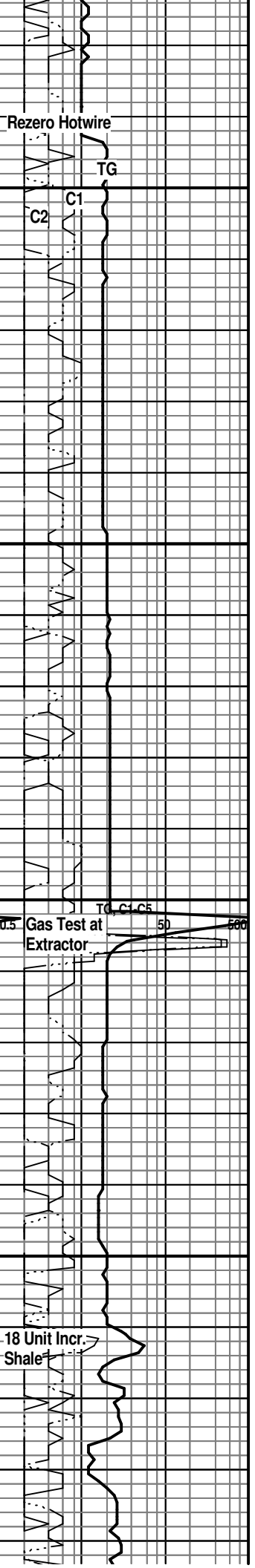
SH; dk gy, rare blk, fiss, pyr ip.

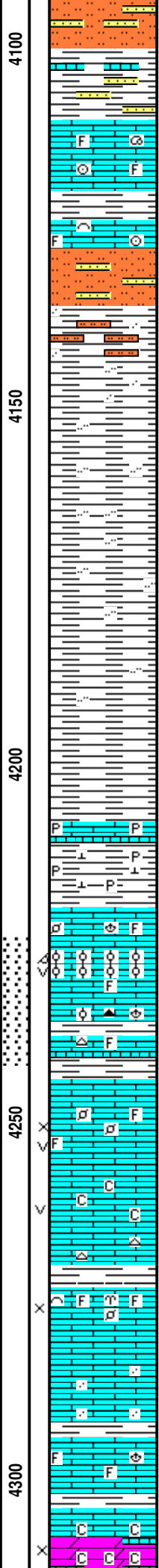
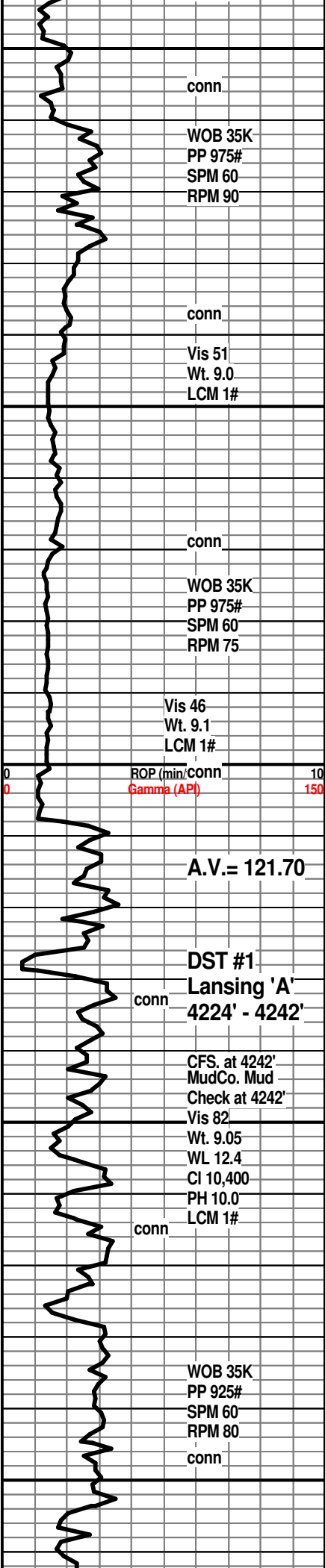
LM; tan to lt brn, foss ip - scat finely oolitic lmst w/fair oomoldic por, most dense, no fluor, no stn or odor, ns.

HEEBNER SHALE 4059(-1838)
SH; blk, carb ip, soft to brittle, trc gas
LM; med/dk brn, dense, micritic

TORONTO 4071(-1850)
LM; tan to off wh, cream, most f to med xln, scat foss mat, much soft chalky mtx, fair to gd vis p-p and interxln por in some, lt yel min fluor only, no stn or odor, ns.

DOUGLAS SHALE 4091(-1870)





SLTST; lt gy, grn, fiss, mica, sandy ip.

SH; lt gy, platy, silty to sandy, interbdd vf gr qtz ss strngs, mica ip

LM; med brn, hd, foss ip, well cem, no vis por, scat lt yel min fluor, no stn or odor, ns.

LM; tan to med brn, csely foss, hd, tite, ns.

SLTST; lt gy, interbdd v. hd vf gr qtz ss strngs, firm, rarely mica

SH; lt to occ med gy, firm, silty ip, platy

SH; lt to med gy, fiss to flakey, silty ip.

SH; med gy, smooth, flakey ip.

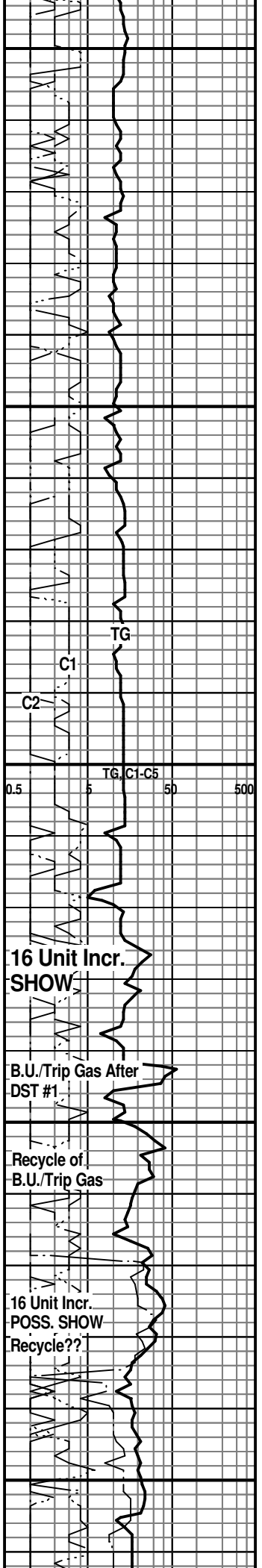
BROWN LMST. 4208(-1987)
LM; med brn, hd, occ pyr, dense
SH; med gy, calc, firm, occ pyr

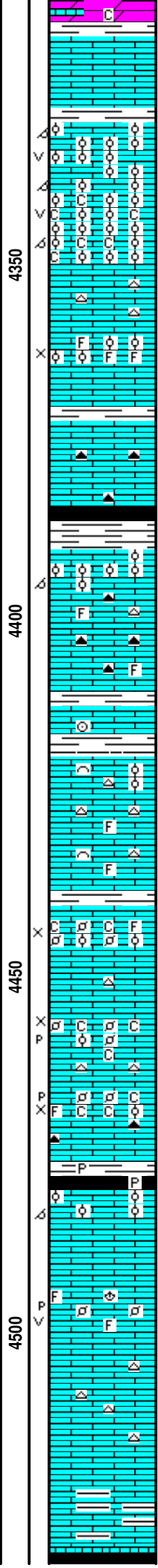
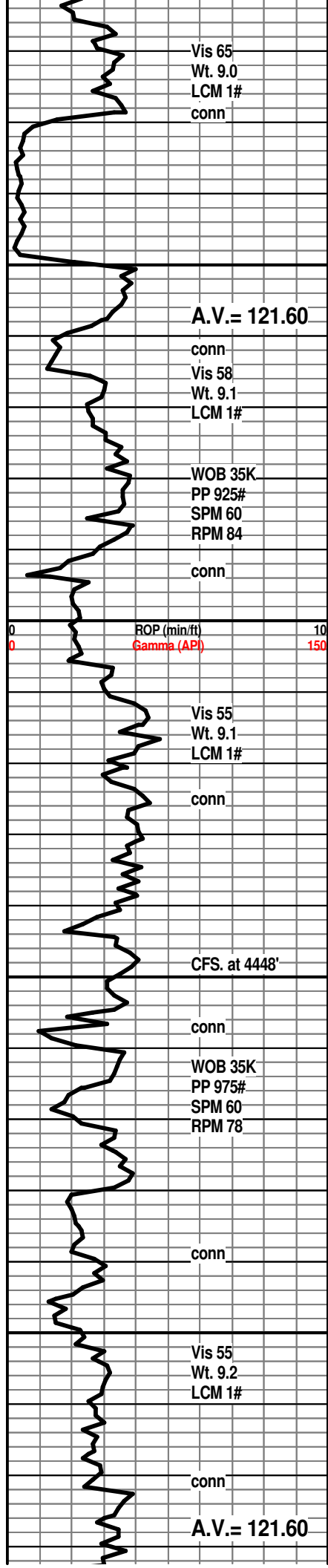
LANSING 'A' 4220(-1999)
LM; tan to off wh, foss, well cem, lt yel fluor, ns.
LM; off wh, oolitic, gd oomoldic por, rare vug por, med-brite yel fluor, faint odor, rare lt brn oil stn, gas bubbles, weak/no cut
LM; tan to off wh, lt brn, foss ip, occ cherty, tite

DST #1: Lansing 'A' 4224' - 4242'

LANSING 'B' 4244(-2023)
LM; tan to lt brn, foss, scat poor to fair interpart/occ vug por, lt yel fluor, no vis stn or odor, no cut, ns.
LM; tan, lt gy, lt gy brn, f to med xln, occ spar calc xtals, fair/gd vug por, minor chalky soft mtx, lt yel min fluor, no stn or odor, ns.
SH; grn, gy grn, fiss, smooth
LM; tan to lt gy, foss, med xln, gd interxln por, some sucrosic text, lt yel fluor, no stn odor, quest. gas bubbles, no cut
LM; tan to lt brn, most dense, micritic, some sandy to gritty text, tite
LM; tan to lt brn, foss ip. - well cem, most blocky, no vis por, no fluor, ns.
SH; med gy, fiss - flakey

DOL; off wh, tan, finely rhombic to sucrosic, lmy, chalky mtx ip, fair interxln por, dull to lt yel fluor, no stn or





odor, no gas kick, ns.

LM; med to dk brn, dense, micritic, blocky, v. hd

LM; tan to lt brn, buff, oolitic, med to occ lrg molds, gd oomoldic w/occ lrg vug por, brittle ip, lt to med yel min fluor, no stn or odor, no gas kick, barren, ns.

LM; lt to med brn, oolitic, med size molds, brittle ip, chalky, dull yel min fluor only, ns.

LM; tan to lt brn, dense, micritic, occ wh cht, tite

LM; tan to cream, lt brn, foss - partly oolitic, small to med size molds, fair interpart por, lt yel min fluor, no stn or odor, ns.

LM; tan to lt brn, hd, blocky, interbdd dk gy to smoky cht, no vis por, ns.

SH; blk, dk gy, fiss

LANS/KC. 'H' 4390(-2169)
LM; tan to lt brn, occ med brn, faintly oolitic, poorly dev. oomoldic por, poor interconn, dull yel min fluor, no stn or odor, barren, ns.

LM; med brn, micritic, dk brn/smoky cht, tite

SH; med gy grn, platy, smooth

LM; lt to med brn, hd, foss ip, well cem, scat tan to off wh cht, no vis por, ns.

LM; tan to cream, lt brn, foss ip, hd - blocky, no vis por, rare tan to amber cht, tite

KC. 'I' 4440(-2219)
LM; tan to cream, buff, finely pelletal, scat small oolites, chalky - soft mtx ip, poor to fair interpart por, rare lt yel min fluor only, no stn or odor, ns.

LM; tan to buff, off wh, finely pelletal - foss frags, fair interpart/p-p por, minor chalky mtx, lt yel fluor, no stn or odor, ns.

LM; tan to cream, buff, foss, fair interpart & p-p por, chalky - soft, dull to lt yel fluor, no stn or odor, no sample shows

SH; dk gy-blk, fiss, pyr ip.

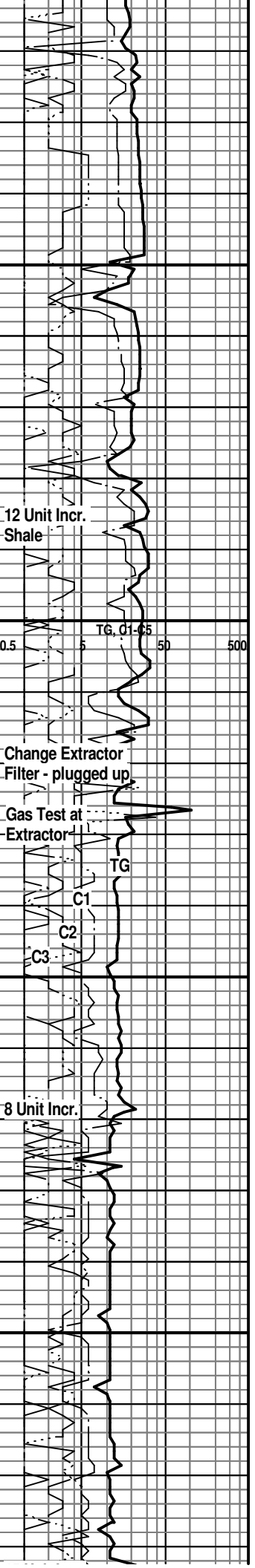
KC. 'J' 4480(-22597)
LM; off wh, finely oolitic, poor oomoldic por, occ soft chalky mtx, no fluor, no stn or odor, ns.

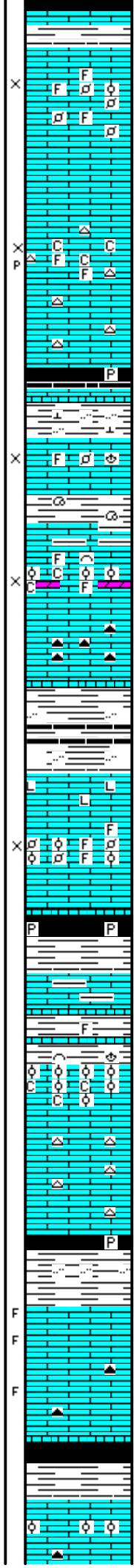
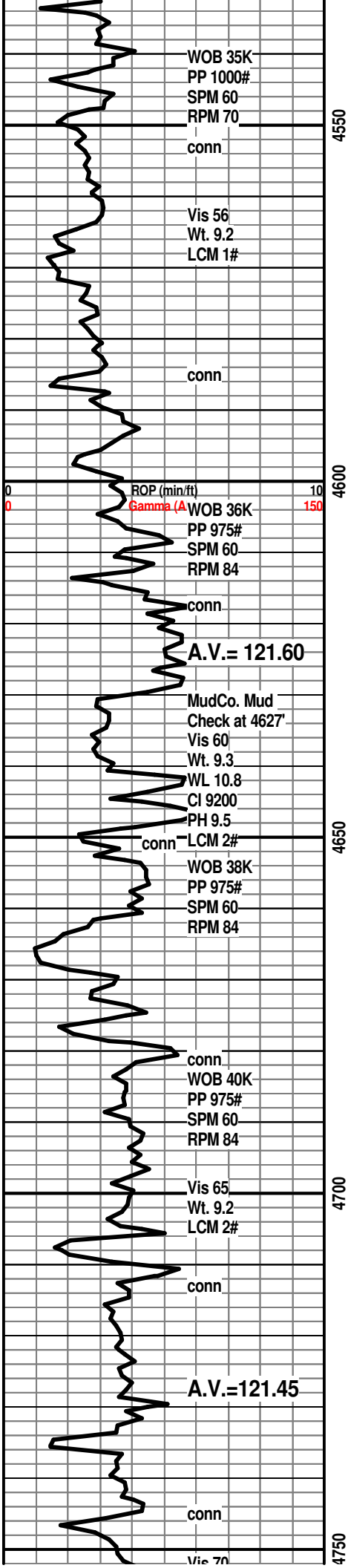
LM; tan to lt brn, off wh, foss, scat fairly well dev. p-p & vug por, no fluor, no stn or odor, ns.

LM; tan to off wh, cream, most dense, micritic, blocky, scat tan to gy cht, tite

LM; dk brn, dk gy brn, dense, argil, micritic, tite

STARK SHAI F 4531(-2310)





SH; blk, carb ip, trc gas, soft to blocky

SWOPE 4539(-2318)
LM; tan to lt brn, foss - finely pelletal ip, scat fair interpart por, trc oolitic lmst, lt yel fluor, no stn or odor, ns.

LM; med to dk brn, hd, blocky, tite

LM; off wh, wh, tan, fxln, fair interxln w/scat p-p por, chalky soft mtx, dull yel min fluor, interbdd wh foss cht, ns.

LM; lt to med brn, dense, blocky, scat off wh/gy cht, tite

SH; blk, fiss, trc pyr

SH; dk gy grn, firm, occ silty, calc

HERTHA 4594(-2374)
LM; lt brn, tan, foss ip, most well cem, lt yel min fluor, poor to fair interpart por, no stn, ns.

SH; dk gy, gy brn, lmy, hd, foss ip.

LM; dk brn, gy brn, argil, tite

LM; tan to lt brn, buff, foss - partly oolitic, interbdd sucrosic text, dolomitic ip, fair interpart/interxln por, minor soft chalky mtx, lt yel fluor, ns.

LM; dk brn, hd, dk brn foss cht, tite

BASE KANSAS CITY 4629(-2408)
SH; varic, brn, brick red, grn, dk gy, blk, fiss to flakey, occ silty

PLEASANTON 4641(-2420)
LM; med to dk brn, most dense, litho, hd, ns.

LM; tan to lt brn, off wh, foss - oolitic ip, most well cem, scat foss hash, poor to fair interpart por, lt yel fluor, no stn or odor, no gas kick, ns.

SH; blk, dk gy, platy, dissem. pyr

MARMATON 4669(-2448)
LM; tan to buff, lt brn, pale grn tint - interbdd grn shaly lmst, most dense, no stn, ns.

SH; grn, gy grn, platy, occ foss

LM; lt brn, tan, oolitic, most well cem, poor interpart por, most dense, occ soft chalky mtx, lt yel min fluor, no stn or gas kick, ns.

LM; tan to lt brn, buff, micritic, blocky, interbdd amber/pale org to opaque fresh cht, no por, ns.

SH; blk, carb, gassy ip, rare pyr

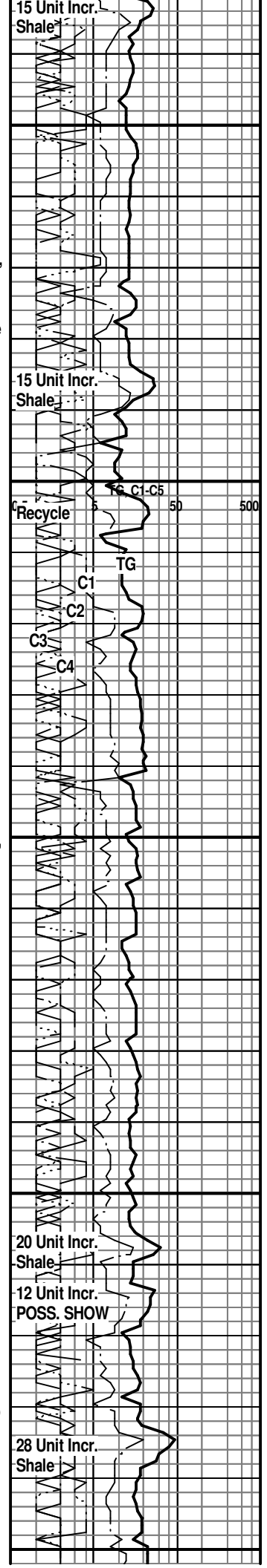
SH; med gy to gy grn, firm, occ silty

PAWNEE 4716(-2495)
LM; tan to med brn, scat foss mat, most well cem, occ spar calc fld fracs, occ lt yel fluor, no vis stn, no odor, no cut, no sample shows

LM; lt to med brn, blocky, scat med yel flour, faint odor, quest. oil stn - trc oily sheen on frac faces, occ dk gy to smoky cht

SH; blk, carb ip, gassy, brittle

LM; lt to med brn, foss ip, most dense, blocky, interbdd finely oolitic lmst, looks tite, no vis por, no stn or odor, ns.



vis 70
Wt. 9.3
LCM 1#

conn
WOB 38K
PP 900#
SPM 56
RPM 75
A.V.= 120.25

ROP (min/ft)
conn (AP)

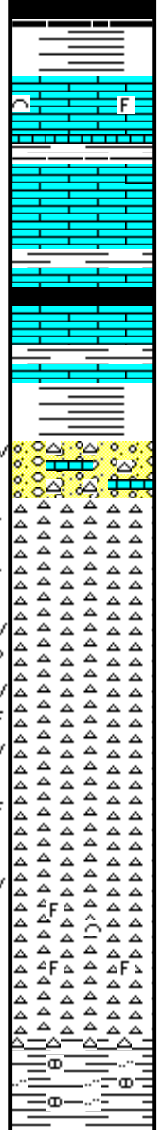
DST #2
Miss. Chert
4775' - 4826'

R= Rough
Drilling

CFS. at 4826'
DST #3
Miss. Chert
4826' - 4841'
CFS. at 4841'

Vis 62
Wt. 8.9
LCM 1.5#

CFS. at 4870' RTD.



CHEROKEE SHALE 4752(-2531)

SH; blk, carb ip, interbdd varic shales

LM; lt gy to lt brn, tan, med xln w/scat foss mat, well cem, no vis por, occ lt yel fluor, no stn, ns.

LM; tan to lt brn, fxln, scat foss mat - well cem, few pcs. w/blk tar/gilsonite - dead oil, no live shows, dull yel fluor, no gas kick

SH; dk gy to blk, fiss

LM; off wh, tan, foss ip, scat blk tar/dead oil only, lt yel fluor, no gas kick, no live shows

CONGL; brn weathered lmst, much grn shale, some varic sh, off wh/brn foss weath cht w/blk tar/ gil, occ vug por, faint odor, rare med gr ss

MISS. CHERT 4805(-2584)

CHT; wh, off wh, opaque, pred. fresh - sharp, scat dk brn/blk spotted stn, no F.O, v. faint odor, scat med yel fluor, mostly fracture por

CHT; wh, fresh and trip cht, fair/gd p-p and trip por, frags in fresh cht, occ lrg vug por w/oil stn in vugs, scat to abnt brite yel fluor, SFO, gas bubbles, faint odor, fair/gd cut

DST #2: Miss. Chert 4775' - 4826'

CFS.@4841': CHT; wh, opaque, much fresh cht w/weath.-trip cht w/gd trip por, much brite yel fluor, SFO, gas bubbles, decr. show in fresh frac. cht, faint odor, scat/even med brn live oil stn, stn on frac faces

DST #3: Miss. Chert 4826' - 4841'

LM; wh, off wh, lt gy, foss ip, pred fresh cht, scat lrg vug por, decreasing shows of oil and gas, med to occ brite yel fluor, scat/spotty med brn oil stn, faint odor, fair to no cut

KINDERHOOK SHALE 4861(-2640)

SH; med to dk gy, gy grn, firm, platy, occ rnd nodular incl, rarely silty

RTD. 4870' at 10:15 AM. 7/15/2011

LTD.

Halliburton DIL, NEU/DEN, Microlog and Imaging Log

6 Unit Incr.
+ Recycles

TG, Cl-C6
0.5 5 50 500

28 Unit Incr.

37 Unit Incr.

51 Unit Incr.

SHOW

Mud heavy gas cut
after DST #2

1000 Unit
Gas Kick

OIL/GAS IN MUD
AFTER DST #3

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 06, 2011

John R Kinney
Strata Exploration, Inc.
PO BOX 401
FAIRFIELD, IL 62837-0401

Re: ACO1
API 15-097-21697-00-00
White 1-4
SW/4 Sec.04-28S-18W
Kiowa County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
John R Kinney