



**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: \_\_\_\_\_



1050964

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
---	---

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--



PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	10/21/2010
INVOICE NUMBER		
1718 - 90438029		

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

J LEASE NAME Robertson 1-33  
 O LOCATION  
 B COUNTY Kiowa  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

**PAID**  
 10-30-10  
 FNB SA# 6260

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40243604	20920		Net - 30 days	11/20/2010
<b>For Service Dates: 10/20/2010 to 10/20/2010</b>				
0040243604				
171802858A Cement-New Well Casing/Pi 10/20/2010 8 5/8" Surface				
A Serv Lite	200.00	EA	8.06	1,612.00 T
Common	200.00	EA	9.92	1,983.99 T
Cello-flake	100.00	EA	2.29	229.40 T
Calcium Chloride	1,086.00	EA	0.65	706.99 T
Cement Gel	376.00	EA	0.16	58.28 T
Top Rubber Cement Plug 8 5/8"	1.00	EA	139.50	139.50
Unit Mileage Charge-Pickups, Vans & Cars	30.00	HR	2.64	79.05
Heavy Equipment Mileage	60.00	MI	4.34	260.40
Proppant and Bulk Delivery Charges	543.00	MI	0.99	538.66
Depth Charge 501-1000'	1.00	HR	744.00	744.00
Supervisor	1.00	HR	108.50	108.50
Blending & Mixing Service Charge	400.00	MI	0.87	347.20
Plug Container Utilization Charge	1.00	EA	155.00	155.00

LEASE # ROBERTSON 1-33  
 DES CEMENT 8 5/8 SURF CASING  
 DRILL COM LOE G/L 71730 / 7298.09  
 10/26  
 10/26  
 5 10/26

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,962.97
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	335.12
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,298.09
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 02858 A

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

DATE OF JOB <b>10-20-10</b> DISTRICT <b>PRA II</b>		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 <b>STRATA EXPLORATION</b>		LEASE <b>Robertson</b> 1-33 WELL NO.						
ADDRESS		COUNTY <b>Kiowa</b>		STATE <b>Ks</b>				
CITY STATE		SERVICE CREW <b>Sullivan, mclou, Another</b>						
AUTHORIZED BY		JOB TYPE: <b>CNW &amp; 5/8 Surface</b>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <b>10-20-10</b> DATE	AM	TIME
<b>33708-2090</b>	<b>35</b>	<b>19826-19860</b>	<b>35</b>				PM	<b>0400</b>
<b>19867</b>						ARRIVED AT JOB	AM	<b>0615</b>
						START OPERATION	AM	<b>1305</b>
						FINISH OPERATION	AM	<b>1340</b>
						RELEASED	AM	<b>1400</b>
						MILES FROM STATION TO WELL	PM	<b>30</b>

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 106	A screw bit cmt	sk	200		2,600 00
CP 100	Common cmt	sk	200		3,200 00
CC 102	Collfack	lb	100		370 00
CC 109	Calcium chloride	lb	1086		1,140 30
CC 200	cmt gel	lb	376		94 00
CF 105	TOP Roben Plug 8 5/8	SA	1		225 00
E 100	pulip mudlog	mi	30		127 50
E 101	Heavy grout mudlog	mi	60		420 00
E 113	Bulk Delong	TM	543		868 80
CF 201	Depth chape 501-1000'	SA	1		1,200 00
CF 240	Blending mix log	SK	400		560 00
CF 504	plug Constant Rental	SA	1		250 00
S 003	Schude Super wire	SA	1		175 00
CF 403	Additional hrs	SA	2		1,000 00

SUB TOTAL  
**DLS 6962 97**

CHEMICAL / ACID DATA:			

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

Thank you TOTAL **7962 97**

SERVICE REPRESENTATIVE <b>Robert Sullivan</b>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <b>Sullivan</b> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

Customer <i>STRATA Exploration</i>		Lease No.	Date	
Lease <i>Robertson</i>		Well # <i>1-33</i>	<i>10-20-10</i>	
Field Order # <i>2858</i>	Station <i>PRATT</i>	Casing <i>8 5/8</i>	Depth <i>517'</i>	County <i>kiowa</i> State <i>KS</i>
Type Job <i>cnw 8 5/8 surface</i>	Formation	Legal Description <i>33-27-18</i>		

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <i>517</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <i>31 1/2</i>	Volume	From	To	Pad	Min		10 Min.
Max Press <i>300</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>P.C</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>477</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative				Station Manager <i>DAVE SCOTT</i>		Treater <i>Robert Lullman</i>	
Service Units	<i>19867</i>	<i>33708</i>	<i>20970</i>	<i>19826</i>	<i>19860</i>		
Driver Names	<i>Sullivan</i>	<i>Melton</i>	<i>Another</i>	<i>JAMES</i>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0615</i>					<i>on the softy meety</i>
					<i>Run 12 str 8 5/8" 23 csc</i>
<i>1240</i>					<i>CASING ON BOTTOM</i>
<i>1255</i>					<i>HOOK UP TO CIRC</i>
<i>1305</i>	<i>200</i>		<i>3</i>	<i>4</i>	<i>St Spack</i>
			<i>56</i>	<i>5.5</i>	<i>mix 200 sk ASA like cont.</i>
			<i>47</i>		<i>mix 200 sk common 2% PL 2% CC 1/1 cell vol.</i>
					<i>Shot down Release Plug</i>
<i>1325</i>				<i>4</i>	<i>St Disp.</i>
<i>1340</i>	<i>300</i>		<i>31 1/2</i>		<i>plug down</i>
					<i>CIRC. 10 RR cont TO P.T</i>
					<i>JOB Complete</i>
					<i>Thank you!</i>



PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	11/01/2010
INVOICE NUMBER		
1718 - 90446152		

WELLFILE

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

J LEASE NAME Robertson 1-33  
 O LOCATION  
 B COUNTY Kiowa  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

**PAID**  
 11-12-10  
 FNB SA # 6349

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE																						
40247256	19905		Net - 30 days	12/01/2010																						
<b>For Service Dates: 10/29/2010 to 10/29/2010</b>																										
0040247256																										
171802792A Cement-New Well Casing/Pi 10/29/2010 Longstring																										
<table border="1"> <tr> <td>LEASE</td> <td>LEV</td> <td>P/P</td> </tr> <tr> <td>1/5 ROBERTSON # 33</td> <td>5</td> <td>11/5</td> </tr> <tr> <td>DES</td> <td colspan="2">A/P</td> </tr> <tr> <td>CEMENT 5.5" CASING 25'</td> <td colspan="2">11/10</td> </tr> <tr> <td>DRL</td> <td>COM</td> <td>LOE</td> <td>G/L</td> <td>D/D</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td>73551/</td> <td></td> </tr> </table>					LEASE	LEV	P/P	1/5 ROBERTSON # 33	5	11/5	DES	A/P		CEMENT 5.5" CASING 25'	11/10		DRL	COM	LOE	G/L	D/D	X			73551/	
LEASE	LEV	P/P																								
1/5 ROBERTSON # 33	5	11/5																								
DES	A/P																									
CEMENT 5.5" CASING 25'	11/10																									
DRL	COM	LOE	G/L	D/D																						
X			73551/																							
50/50 POZ	200.00	EA	7.70	1,539.91 T																						
60/40 POZ	50.00	EA	8.40	419.97 T																						
KCL Potassium Chloride	447.00	EA	1.05	469.32 T																						
Cal-Set	840.00	EA	0.52	440.97 T																						
FLA-322	84.00	EA	5.25	440.97 T																						
- Latch Down Plug & Baffle 5 1/2" (Blue)	1.00	EA	279.98	279.98																						
- Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	251.98	251.98																						
- Turbolizer 5 1/2" (Blue)	12.00	EA	77.00	923.94																						
- 5 1/2" Basket (Blue)	2.00	EA	202.99	405.98																						
- Cement Scratchers Cable Type 5 1/2"	4.00	EA	52.50	209.99																						
CS-1L KCL Substitute	5.00	EA	24.50	122.49 T																						
Mud Flush	1,000.00	EA	0.60	601.96 T																						
Unit Mileage Charge-Pickups, Vans & Cars	30.00	HR	2.97	89.24																						
Heavy Equipment Mileage	60.00	MI	4.90	293.98																						
Proppant and Bulk Delivery Charges	317.00	MI	1.12	355.02																						
Depth Charge 4001-5000'	1.00	HR	1,763.91	1,763.91																						
Blending & Mixing Service Charge	250.00	MI	0.98	244.99																						
Plug Container Utilization Charge	1.00	EA	174.99	174.99																						
Supervisor	1.00	HR	122.49	122.49																						

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,152.08
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	294.60
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	9,446.68
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

FIELD SERVICE TICKET

1718 02792 A

**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

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

DATE OF JOB: 10/29/10		DISTRICT: PRATT, KS		NEW WELL <input 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: ROBERTSON		WELL NO. 1-33						
ADDRESS:		COUNTY: KIOWA		STATE: KS						
CITY:		STATE:		SERVICE CREW: KC, CHRIS, DARYL						
AUTHORIZED BY:		JOB TYPE: ONW-LOWSTRONG								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19907		19831					10-29			0500
		19862	1			ARRIVED AT JOB				0930
19890	1					START OPERATION				1530
19905						FINISH OPERATION				1630
						RELEASED				1700
						MILES FROM STATION TO WELL				35

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
CP104	50/50 P02	SKL	200		2200.00
CP103	60/40 P02	SKL	50		600.00
C700	KCL	lb.	447		670.50
CC113	CAI-SE1	lb.	840		630.00
CC129	FLA-322	lb.	84		630.00
CF607	5 1/2 LATCH DOWN PLUG	EA.	1		400.00
CF1251	5 1/2 API PROX SHO E	EA	1		360.00
CF1651	5 1/2 TURBOLEVER	EA	12		1320.00
CF1901	5 1/2 BASKET	EA	2		580.00
CF2001	5 1/2 SCRATCHER	EA	4		300.00
C704	CS-1L KCL	gal.	5		175.00
CC151	MUD PUSHER	gal.	1000		860.00
E100	PICKUP MILE.	mile	30		127.50
E101	TRUCK MILE.	mile	60		420.00
E113	BULK DELIVERY	TUM	317		506.40
CE203	PUMP CHARGE	EA.	1		2520.00
CE240	BLENDED CHARGE	SKL	250		350.00
CE504	PUMP CONTAINER	EA.	1		250.00
S003	SENIOR SUPERVISOR	EA.	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL			
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			
DLS		9152.08	

SERVICE REPRESENTATIVE: <i>V. GORDON</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
--	---

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



energy services, L.P.

TREATMENT REPORT

Customer <i>STRATH EXP.</i>	Lease No.	Date <i>10-29-10</i>	
Lease <i>ROBERTSON</i>	Well # <i>1-33</i>		
Field Order # <i>2112</i>	Station <i>PRATT Ks</i>	Casing <i>3 1/2</i>	Depth <i>4898</i>
Type Job <i>CNW - LONGSTRAW</i>		Formation <i>TD-4900</i>	Legal Description <i>33-27-18</i>
County <i>KIOWA</i>		State <i>Ks</i>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>3 1/2</i>							
Depth <i>4898</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>1884</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <i>BRUCE</i>	Station Manager <i>SCOTT</i>	Treater <i>CONLEY</i>
Service Units <i>19907 19890-19905</i>	<i>19831-19862</i>	
Driver Names <i>KG</i>	<i>CHAS</i>	<i>WYCK</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0930</i>					<i>ON LOCATION</i>
					<i>RUN 5 1/2 CSG - ITS</i>
					<i>AFU FRONT SIDE LATCH BASKET 1ST COLLAR</i>
					<i>CEVI-1-4-5-6-8-10-14-16-18-22-26-30</i>
					<i>BASKET-15-27 SCRATCHER-4 ON #4</i>
<i>1410</i>					<i>TRAC BOTTOM- DROP BTL - CIRCULATE</i>
					<i>RECIPROCATING CASING</i>
<i>1545</i>	<i>400</i>		<i>5</i>	<i>6</i>	<i>PUMP 5 bbl H<sub>2</sub>O</i>
	<i>400</i>		<i>24</i>	<i>6</i>	<i>PUMP 24 bbl MINIFLUSH</i>
	<i>400</i>		<i>5</i>	<i>6</i>	<i>PUMP 5 bbl H<sub>2</sub>O</i>
	<i>300</i>		<i>44</i>	<i>6</i>	<i>PUMP 200 SL 50/50 POZ</i>
					<i>5% KCL, 5% CAR SET, 5% PEA-322</i>
					<i>STOP- WASH LINE - DROP PLUG</i>
	<i>0</i>		<i>0</i>	<i>6</i>	<i>START DISP. WITH 2% KCL H<sub>2</sub>O</i>
	<i>200</i>		<i>88</i>	<i>6</i>	<i>LIFT CEMENT</i>
	<i>250</i>		<i>110</i>	<i>3</i>	<i>SLOW RATE</i>
<i>1615</i>	<i>1500</i>		<i>116.3</i>	<i>3</i>	<i>PLUG DOWN - HOLD</i>
					<i>PLUG RAT HOLE - 30 SL 60/40 POZ</i>
					<i>PLUG MOUSE HOLE - 20 SL 60/40 POZ</i>
<i>1700</i>					<i>JOB COMPLETE - KEVIN</i>





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Strata Exploration Inc.

**Robertson#1-33**

P.O.Box 401  
Fairfield Il. 62837

**33-27s-18w Kiowa KS>**

ATTN: Jon Christensen

Job Ticket: 039278

**DST#: 1**

Test Start: 2010.10.25 @ 14:00:34

## GENERAL INFORMATION:

Formation: **Lans. A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:46:49

Time Test Ended: 22:35:49

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

**Interval: 4208.00 ft (KB) To 4227.00 ft (KB) (TVD)**

Reference Elevations: 2214.00 ft (KB)

Total Depth: 4227.00 ft (KB) (TVD)

2203.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8167**

**Inside**

Press @ Run Depth: 39.85 psig @ 4209.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.25

End Date:

2010.10.25

Last Calib.:

2010.10.25

Start Time: 14:00:39

End Time:

22:35:49

Time On Btm:

2010.10.25 @ 16:44:19

Time Off Btm:

2010.10.25 @ 20:06:19

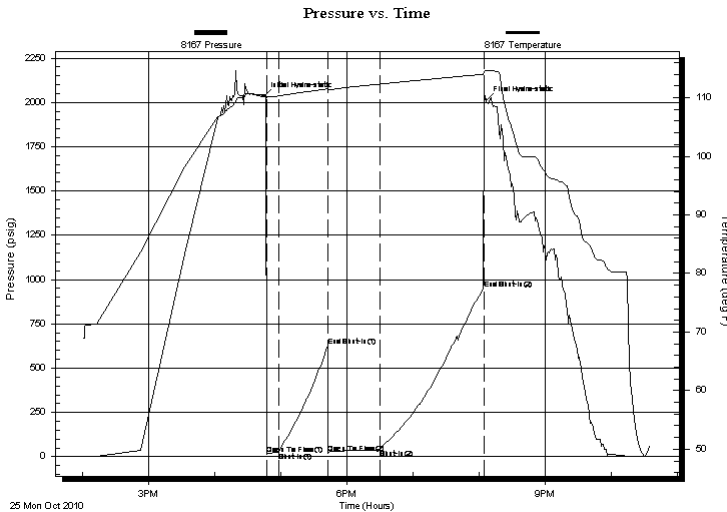
**TEST COMMENT:** IF: Fair to strong blow . B.O.B. in 8 mins.

IS: No blow .

FF: Strong blow . B.O.B. in 6 mins.

FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2032.71	110.48	Initial Hydro-static
3	16.48	110.09	Open To Flow (1)
14	24.66	110.31	Shut-In(1)
58	626.46	111.52	End Shut-In(1)
59	18.69	111.39	Open To Flow (2)
106	39.85	112.33	Shut-In(2)
200	945.70	113.98	End Shut-In(2)
202	2010.19	114.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	WM21%w 79%w/ Rw .28ohms@47deg	0.17
0.00	355 ft.of 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.

**Robertson#1-33**

P.O.Box 401  
Fairfield Il. 62837

**33-27s-18w Kiowa KS>**

Job Ticket: 039278

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2010.10.25 @ 14:00:34

## 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:

40000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	WM 21%w 79%mv Rw .28ohms @47deg	0.172
0.00	355 ft.of GIP	0.000

Total Length: 35.00 ft

Total Volume: 0.172 bbl

Num Fluid Samples: 0

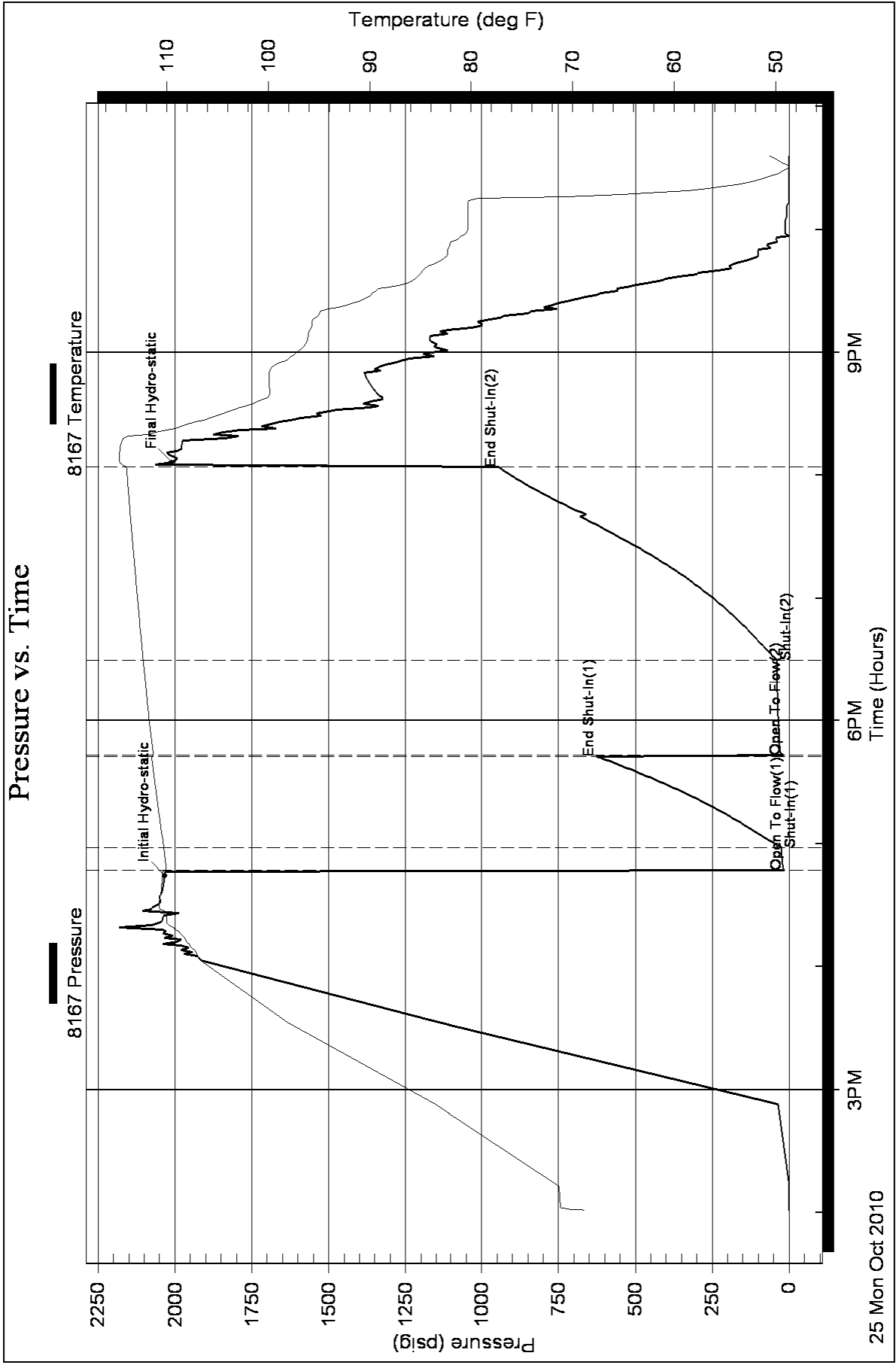
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Strata Exploration Inc.

**Robertson#1-33**

P.O.Box 401  
Fairfield Il. 62837

**33-27s-18w Kiowa KS>**

Job Ticket: 039279

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2010.10.27 @ 18:42:34

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:45:19

Time Test Ended: 04:01:49

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

**Interval: 4748.00 ft (KB) To 4808.00 ft (KB) (TVD)**

Reference Elevations: 2214.00 ft (KB)

Total Depth: 4808.00 ft (KB) (TVD)

2203.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8167**

**Inside**

Press @ Run Depth: 240.44 psig @ 4749.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.27

End Date:

2010.10.28

Last Calib.:

2010.10.28

Start Time:

18:42:39

End Time:

04:01:49

Time On Btm:

2010.10.27 @ 21:41:34

Time Off Btm:

2010.10.28 @ 01:08:19

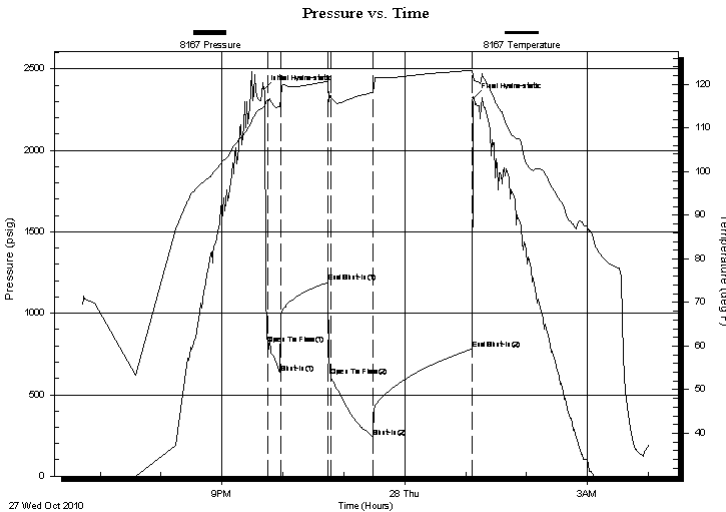
**TEST COMMENT:** IF: Strong blow . GTS in 1 1/2 mins. (see gas flow report)

IS: No blow .

FF: Strong blow . (see gas flow report)

FS: Weak blow . 1 - 2".

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2374.80	114.80	Initial Hydro-static
4	809.99	116.30	Open To Flow (1)
16	633.84	114.85	Shut-In(1)
63	1189.70	120.77	End Shut-In(1)
66	616.20	117.35	Open To Flow (2)
108	240.44	118.21	Shut-In(2)
205	782.44	123.22	End Shut-In(2)
207	2323.37	120.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCM 1%o 99% m	0.30
158.00	Drig. mud	1.09

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	120.00	3863.84
Last Gas Rate	1.00	45.00	1707.68
Max. Gas Rate	1.00	123.00	3950.09



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**Robertson#1-33**

P.O.Box 401  
Fairfield Il. 62837

**33-27s-18w Kiowa KS>**

Job Ticket: 039279

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2010.10.27 @ 18:42:34

## 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:

6600 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	SOCM 1%o 99%m	0.305
158.00	Drig.mud	1.087

Total Length: 220.00 ft

Total Volume: 1.392 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-2

Laboratory Name: caraway

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Strata Exploration Inc.

**Robertson#1-33**

P.O.Box 401  
Fairfield Il. 62837

**33-27s-18w Kiowa KS>**

Job Ticket: 039279

**DST#: 2**

ATTN: Jon Christensen

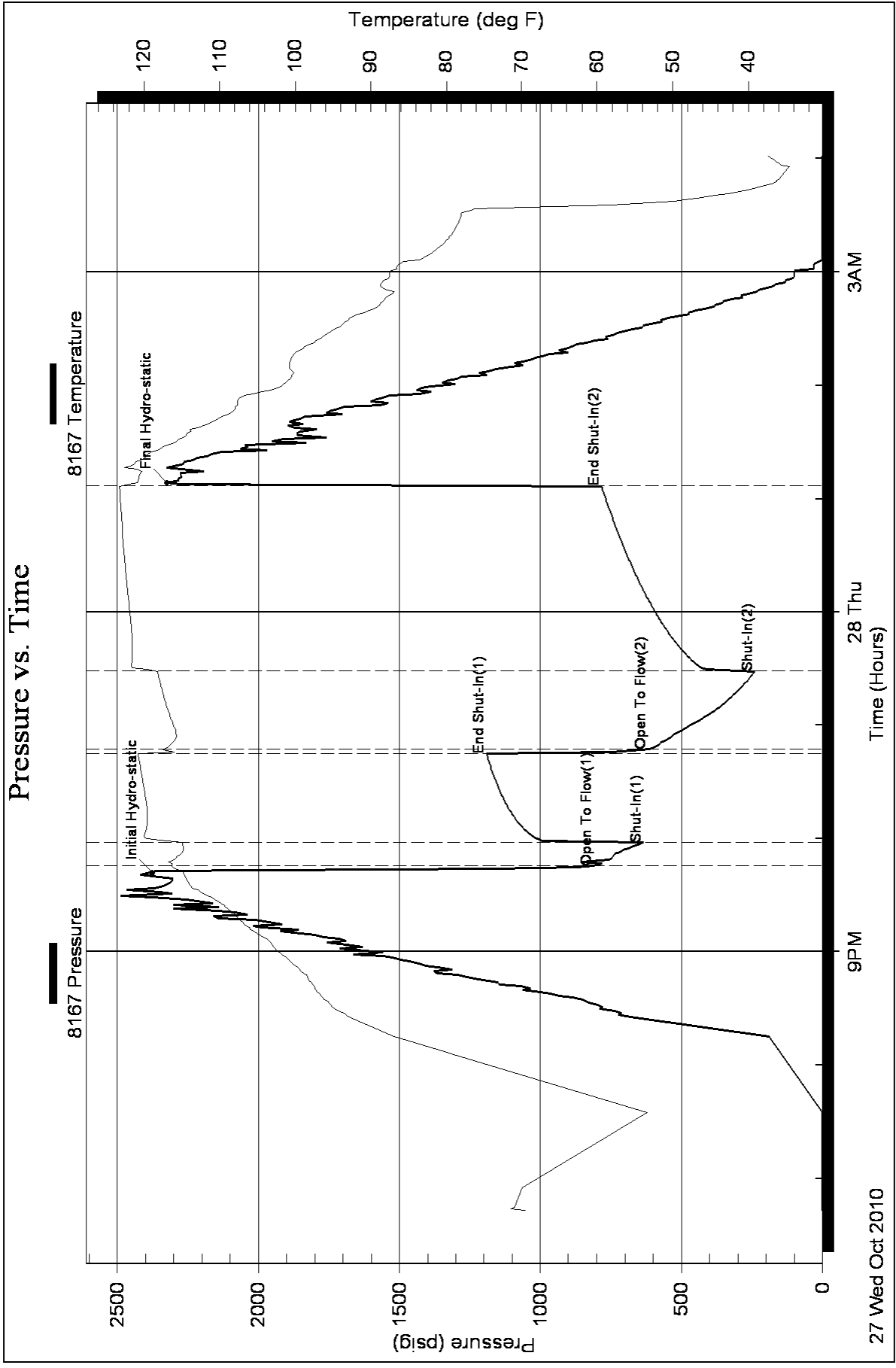
Test Start: 2010.10.27 @ 18:42:34

## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	1.00	120.00	3863.84
1	15	1.00	123.00	3950.09
2	10	1.00	100.00	3288.86
2	20	1.00	77.00	2627.64
2	30	1.00	60.00	2138.91
2	40	1.00	50.00	1851.42
2	45	1.00	45.00	1707.68



# LITHOLOGY STRIP LOG

## WellSight Systems

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

Well Name: Robertson #1-33  
Location: 2310' FNL & 900' FEL, Sec. 33-T27S-R18W, Kiowa Co., KS.  
Licence Number: 15-097-21679-0000 Region: Greensburg SW  
Spud Date: 10/19/2010 Drilling Completed: 10/28/2010  
Surface Coordinates: 2310' FNL & 900' FEL, Sec. 33-T27S-R18W

Bottom Hole Same as above  
Coordinates:  
Ground Elevation (ft): 2203' K.B. Elevation (ft): 2214'  
Logged Interval (ft): 3740' To: 4900' Total Depth (ft): 4900'  
Formation: Viola at Total Depth  
Type of Drilling Fluid: Freshwater/Gel to 3050'; Chemical Gel 3050' to 4900'.

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://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') 4208' - 4227' Test Times 15"-45"-45"-90" IFP Strong Blow BOB/8 min., FFP Strong Blow BOB/6 min, no Gas to Surface, no Blowback on SI's; REC: 355' Gas in Pipe, 35' WM(21%W, 79%M), CI 40,000, Mud 6000; IFP 16-25#, ISIP 626#, FFP 19-40#, FSIP 946#, IHP 2033#, FHP 2010#, BHT 114 Deg. F.

DST #2(Mississippi Chert) 4748' - 4808' Test Times 15"-45"-45"-90" IFP Strong Blow Gas to Surface in 1.5 min., Gauged 3950 MCFG/15"; FFP Strong Blow GTS throughout, gas volumes decreasing - Gauged 1708 MCFG/45" of FFP; REC: 158' Drlg. Mud, 62' SOCM(1%O, 99%M), no Water; IFP 810-634#, ISIP 1190#, FFP 616-240#, FSIP 782#, IHP 2375#, FHP 2323#, BHT 123 Deg. F.



## Comments

10/19/10 MIRU Sterling Drilling Co. Rig #2, Spud at 7:30 PM.; 10/20/10 TD. 415' - TOH for Plugged bit; 10/21/10 Drilling at 883'; 10/22/10 Drilling at 2381'; 10/23/10 Drilling at 2980'; 10/24/10 Drilling at 3670'; 10/25/10 TD. 4227' CFS; 10/26/10 Drilling at 4330'; 10/27/10 Drilling at 4714'; 10/28/10 TD. 4808' - TIH after DST #2; 10/29/10 RTD. 4900', LTD.

Set 8 5/8" 24# Surface Casing at 517' w/400 sx.(Basic Energy Services). Cement did Circulate. PD. 1:45 PM. 10/20/10.


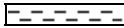

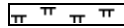

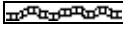




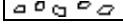


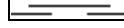

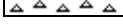


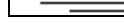

Surveys: 0.25 Deg. at 520'(Surface Casing); 1.0 Deg. at 4227'(DST #1); 0.75 Deg. at 4808'(DST #2); Deg. at 4900' TD.

Pipe Strap at 4227'(DST #1): Strap 6.36' Long to the Board, no correction made to the Board, will check logs.



































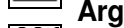



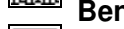



















After examination of the Halliburton Logs, DST data, structural position and positive hydrocarbon show, the operator elected to set new 5 1/2" 15.5# Production Casing for completion in the Mississippi Chert.














## LOG TOPS:

### ROCK TYPES
























 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

### ACCESSORIES

<b>MINERAL</b>		<b>FOSSIL</b>	
 Anhy	 Gyp	 Algae	 Ostra
 Arggrn	 Hvymin	 Amph	 Pelec
 Arg	 Kaol	 Belm	 Pellet
 Bent	 Marl	 Bioclst	 Pisolite
 Bit	 Minxl	 Brach	 Plant
 Brecfrag	 Nodule	 Bryozoa	 Strom
 Calc	 Phos	 Cephal	<b>STRINGER</b>
 Carb	 Pyr	 Coral	 Anhy
 Chtdk	 Salt	 Crin	 Arg
 Chtlt	 Sandy	 Echin	 Bent
 Dol	 Silt	 Fish	 Coal
 Feldspar	 Sil	 Foram	 Dol
 Ferrpel	 Sulphur	 Fossil	 Gyp
 Ferr	 Tuff	 Gastro	 Ls
 Glau		 Oolite	 Mrst

 Sltstrg	<b>TEXTURE</b>
 Ssstrg	 Boundst
	 Chalky
	 Cryxln
	 Earthy
	 Finexln
	 Grainst
	 Lithogr
	 Microxln
	 Mudst
	 Packst
	 Wackest

### OTHER SYMBOLS

<b>POROSITY</b>	 Vuggy	<b>ROUNDING</b>	 Spotted
 Earthy		 Rounded	 Ques
 Fenest	<b>SORTING</b>	 Subrnd	 Dead
 Fracture	 Well	 Subang	
 Inter	 Moderate	 Angular	<b>INTERVAL</b>
 Moldic	 Poor		 Core
 Organic		<b>OIL SHOW</b>	 Dst
 Pinpoint		 Even	
			<b>EVENT</b>
			 Rft
			 Sidewall

Curve Track 1

ROP (min/ft) ———  
 Gamma (API) - - - - -

TG, C1-C5  
 TG (Units) ———  
 C1 (units) - - - - -  
 C2 (units) . . . . .  
 C3 (units) . . . . .  
 C4 (units) . . . . .  
 C5 (units) . . . . .

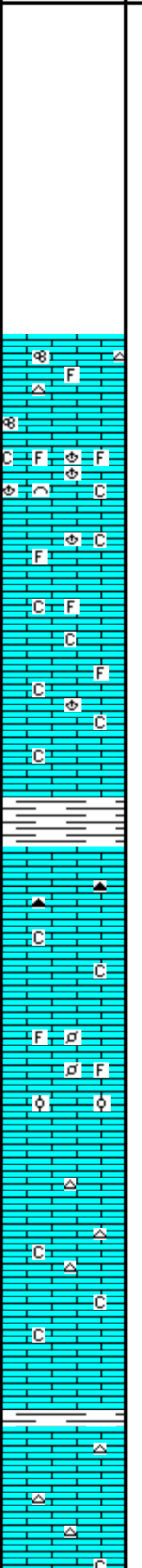
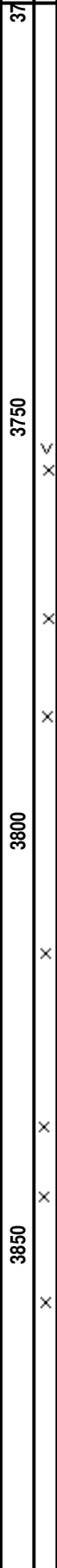
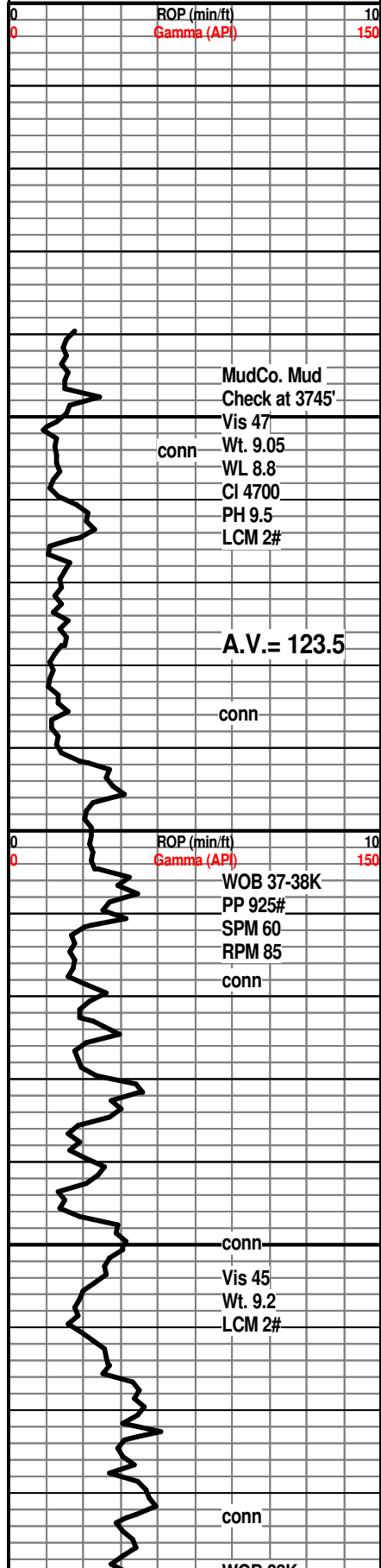
Depth

Porosity Type

Lithology

Oil Shows

Geological Descriptions



**STRATA EXPLORATION, INC.**

**#1-33 ROBERTSON**

**GEOLOGICAL REPORT**

**KB. 2214'**

LM; tan to cream, buff, med xln w/scat foss mat, rare wh to off wh cht, some med yel min fluor, no stn or odor, no gas incr, ns.

LM; lt brn, tan, foss, well dev. vug and interpart por, occ chalky mtx, no fluor, no stn or odor, ns.

LM; tan to cream, buff, f to med xln, fair to gd interxln por, scat foss mat, most w/dull yel min fluor only, no stn or odor, rare gy foss cht, ns.

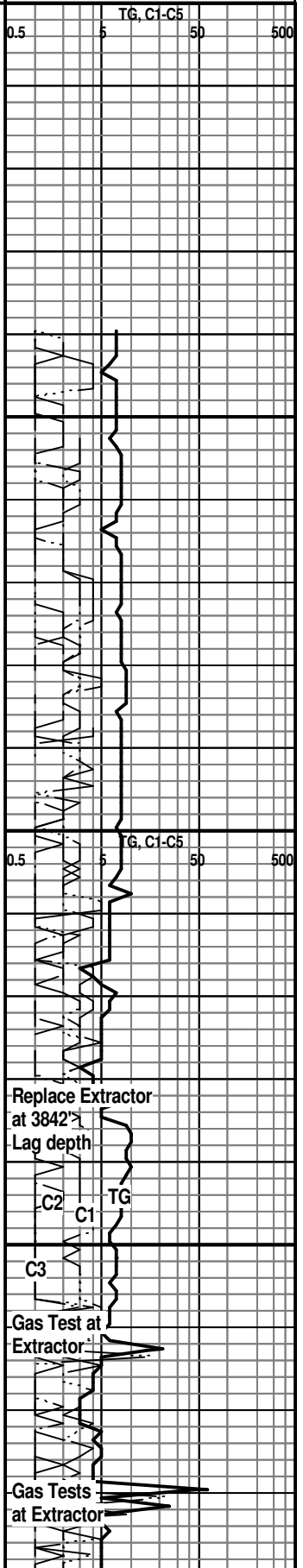
SH; med gy to gy grn, fiss

LM; lt to med brn, hd, blocky, occ brn foss to spicular cht, no fluor, tite

LM; tan to buff, lt brn, med xln, scat foss mat, fair interxln/interpart por ip, some dense micrite, dull yel min fluor only, no stn or odor, ns.

LM; off wh, tan to cream, f to med xln, some gran text, fair interxln por, minor chalky mtx, lt yel min fluor, no stn or odor, interbdd wh cht, ns.

LM; tan to lt gy, lt brn, most dense, blocky, micritic, occ cherty, tite



WOB 38K  
PP 950#  
SPM 60  
RPM 80

conn

Vis 45  
Wt. 9.25  
LCM 1.5#

conn

conn

WOB 38K  
PP 950#  
SPM 60  
RPM 75-80

conn

Vis 46  
Wt. 9.4  
LCM 2#

conn

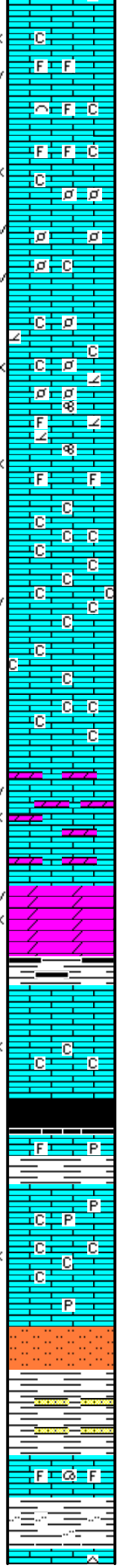
A.V.= 123.5

conn

Vis 52  
Wt. 9.2  
LCM 2#

conn

3900  
3950  
4000  
4050  
4100



LM; tan to off wh, buff, med xln, interbdd foss mat and hash, scat gd vug and interxln por, minor chalky mtx, dull yel min fluor, no stn or odor, ns.

LM; tan to lt brn, off wh, med xln, scat gd vug and interxln por, occ chalky, interbdd cse xln lmst w/cse spar calc xtals, dull yel min fluor, no stn, ns.

LM; lt brn, tan, scat cse foss frags and hash, fair to gd interpart por, chalky ip, some sucrosic text, partly dolomitic, lt yel spotted fluor, no stn or odor, ns.

LM; tan to lt brn, buff, med xln, scat cse spar calc xtals, v. chalky - soft mtx ip, scat gd vug por, dull yel fluor, no stn, ns.

LM; tan to lt brn, med xln, gd interxln and vug por, dolomitic w/interbdd dolo, lt yel min fluor, no stn, ns.

DOL; tan to lt gy, sucrosic to finely rhombic, gd interxln w/vug por, lt yel min fluor only, no stn odor, ns.

SH; dk gy to blk, firm, platy

LM; med gy to brn, dense, blocky, interbdd fxln partly chalky lmst w/poor interxln por, no fluor, no stn or odor, ns.

**HEEBNER SHALE 4044(-1830)**

SH; blk, carb, trc gas  
LM; med brn, hd, occ foss, pyr ip, tite

**TORONTO 4056(-1842)**

LM; off wh, wh, micritic to med xln, soft chalky mtx ip, occ cse spar calc xtals, fair interxln por ip, scat pyr, dull yel min fluor only, no stn or odor, no gas kick, ns.

**DOUGLAS SHALE 4076(-1862)**

SLTST; lt gy, mica ip, sandy, firm  
SH; lt to med gy, firm, platy, occ interbdd vf gr qtz ss strngs.

LM; lt brn, hd, blocky, foss ip, well cem, no vis por, no fluor, ns.

SH; grn, gy grn, soft, occ silty

New Filament - Calibrate HW.

76, C1-C5  
0.5 50 500

34 Unit Incr. Shale

Recycle

WOB 38K  
PP 950#  
SPM 60  
RPM 80  
conn

conn  
Vis 53  
Wt. 9.2  
LCM 2#

WOB 37K  
PP 950#  
SPM 60  
RPM 75-80

ROP (min) conn 10  
Gamma (A-y) 150

**DST #1  
Lansing 'A'  
4208' - 4227'**

CFS. at 4227'  
MudCo. Mud  
Check at 4227'  
conn  
Vis 53  
Wt. 9.2  
WL 8.8  
CI 6000  
PH 9.5  
LCM 1#

conn  
Vis 52  
Wt. 9.2  
LCM 1#

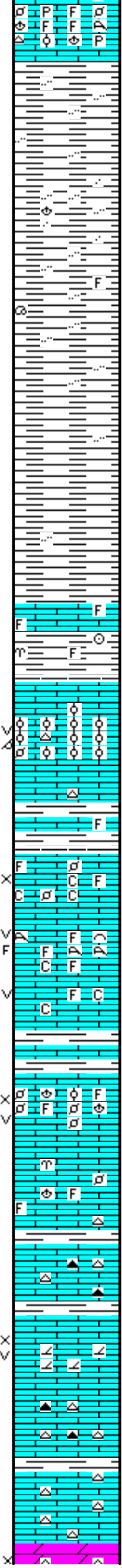
conn  
WOB 38K  
PP 975#  
SPM 60  
RPM 80

4150

4200

4250

4300



LM; lt brn, highly foss, cherty ip, hd, well cem, scat pyr, dull yel min fluor, no stn or odor, ns.

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

SH; lt to med gy, firm, fiss, silty to occ sandy, scat foss mat

SH; lt to med gy, firm, fiss, platy, smooth, rarely silty

**BROWN LMST. 4194(-1980)**  
LM; med brn, hd - sharp, dense, foss ip.

SH; gy grn, firm, foss ip.

**LANSING 'A' 4205(-1991)**

LM; lt to med brn, oolitic, med to lrg moldic por, scat fair vug por also, med yel fluor, spotted lt to med brn oil stn(10% of sample), SSFO when crushed, faint/fair odor, occ gas bubbles, rare oolitic cht, occ rextalized

SH; med to dk gy, interbdd hd foss lmst.

**LANSING 'B' 4229(-2015)**

LM: off wh, foss to fxln, fair interpart por, chalky mtz, dull yel min fluor, no stn or odor, ns.

LM: off wh, wh, foss, scat fair vug por, v. lt brn spotted to even oil stn some, fair odor, trc gas bubbles, some barren por, med to brite yel fluor, poss frags, fair/gd cut

LM; wh, off wh, foss, vug por, trc oil stn - most barren, rare stn, chalky ip, no odor, no fluor

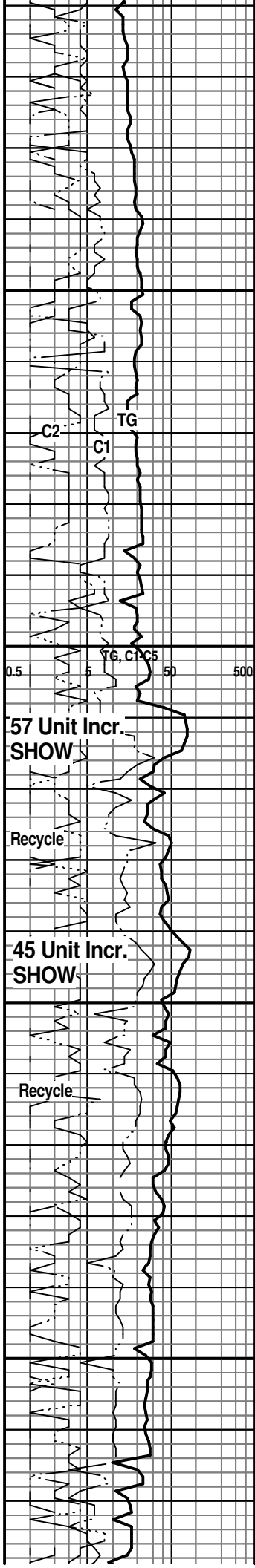
SH; med gy, grn, interbdd mottled brn hd lmst.

LM: tan to off wh, cream, foss w/abnt small pellets and hash, scat fair interpart w/occ vug por, dull yel min fluor only, no stn or odor, ns.

LM; lt to med brn, hd, occ cherty, no vis por, no stn, ns.

LM; tan to cream, off wh, fxln to sucrosic text, partly dolomitic, gd interxln por, rare vug por, dull yel min fluor only, no stn or odor, ns.

LM; tan to lt brn, buff, most micritic, blocky, cherty w/wh and gy fresh cht, hd, no vis por, ns.



**57 Unit Incr.  
SHOW**

Recycle

**45 Unit Incr.  
SHOW**

Recycle

conn  
Vis 48  
Wt. 9.3  
LCM 1#

conn

A.V. = 123.60

WOB 38K  
PP 950#  
SPM 60  
RPM 80

conn MudCo. Mud  
Check at 4397'

ROP (min) 10  
Gamma (A) 150  
Vis 51  
Wt. 9.2  
WL 9.2  
CL 8500  
PH 8.5  
LCM 1#

conn CFS. at 4424'

CFS. at 4438'  
Vis 52  
Wt. 9.2  
LCM 2#

conn  
WOB 36-37K  
PP 950#  
SPM 60  
RPM 85

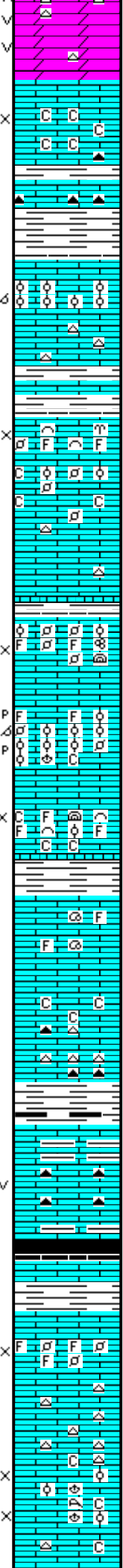
conn  
Vis 49  
Wt. 9.4  
LCM 1#

A.V. = 123.7

conn

WOB 38K  
PP 950#  
SPM 60  
RPM 75

4350  
4400  
4450  
4500



DOL; tan to lt gy, lt brn, sucrosic to finely rhombic, fair to gd interxln w/vug por dev, dull yel fluor, no stn or odor, cherty ip, ns.

LM; tan to off wh, sucrosic ip, some cse xln w/abnt spar calc xtals, fair interxln por, chalky - soft at base, no fluor, no stn, ns.

LM; lt brn, most dense, micritic, scat brn cht, tite

SH; med to dk gy, firm, platy

**LANS/KAN. CITY 'H' 4365(-2151)**  
LM; lt brn, tan, finely oolitic, small to med size moldic por, brittle ip, fair oomoldic por, med yel min fluor only, no stn or odor, no gas kick, ns.

SH; med to dk gy, fiss

LM; tan to cream, off wh, foss, scat cse foss frags and hash, abnt small foss pellets and small oolites, weakly cem, dull yel min fluor only, no stn or odor, ns.

LM; tan to lt brn, buff, hd, rarely cherty, tite

**KAN. CITY 'I' 4415(-2201)**  
CFS. at 4424': LM; lt brn, v. foss, finely pelletal, weakly cem - fair interpart por, trc dk dead brn oil stn, lt yel fluor, no odor, no gas kick

CFS. at 4438': LM; tan to lt brn, buff, highly foss to oolitic, most w/fair p-p and oomoldic por, dull yel min fluor, no stn or odor, no sample shows

LM; off wh, tan, abnt foss mat, fair interpart por, weakly cem, occ soft chalky mtx, dull yel min fluor only, no stn or odor, no gas kick, ns.

**KAN. CITY DENNIS('J') 4454(-2240)**  
LM; tan to lt brn, foss ip - well cem, most dense, blocky, micritic, hd, no vis por, no stn or odor, ns.

LM; off wh, tan, buff, fxln, poor to no vis interxln por, occ soft chalky mtx, no stn or odor, occ amber to gy fresh cht, ns.

SH; med to dk gy, trc blk, platy

LM; med to dk gy, gy brn, hd, blocky, interbdd shaly lmst, occ amber to smoky cht, trc vug por, no fluor, no stn, ns.

**STARK SHALE 4502(-2288)**  
SH; blk, carb ip, platy, trc gas  
LM; med gy brn, med brn, dense, micritic

**SWOPE 4512(-2298)**  
LM; tan to off wh, foss to med xln, fair to gd interxln por, dull yel fluor, no stn or odor, no gas kick, ns.

LM; off wh, wh, tan, fxln, hd, cherty ip, most micritic, dense

LM; off wh, wh, fxln, scat foss mat, occ soft chalky mtx, interbdd tan to lt brn highly foss to partly oolitic lmst, dull yel min fluor only, no stn or odor, ns.

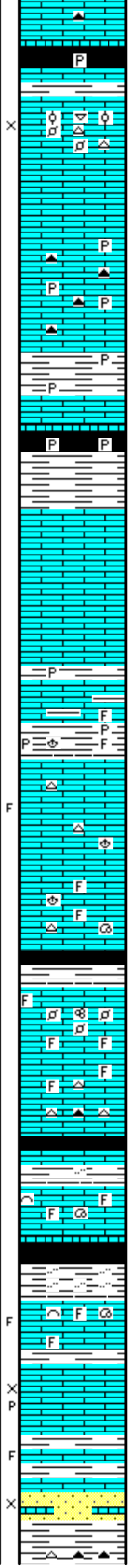
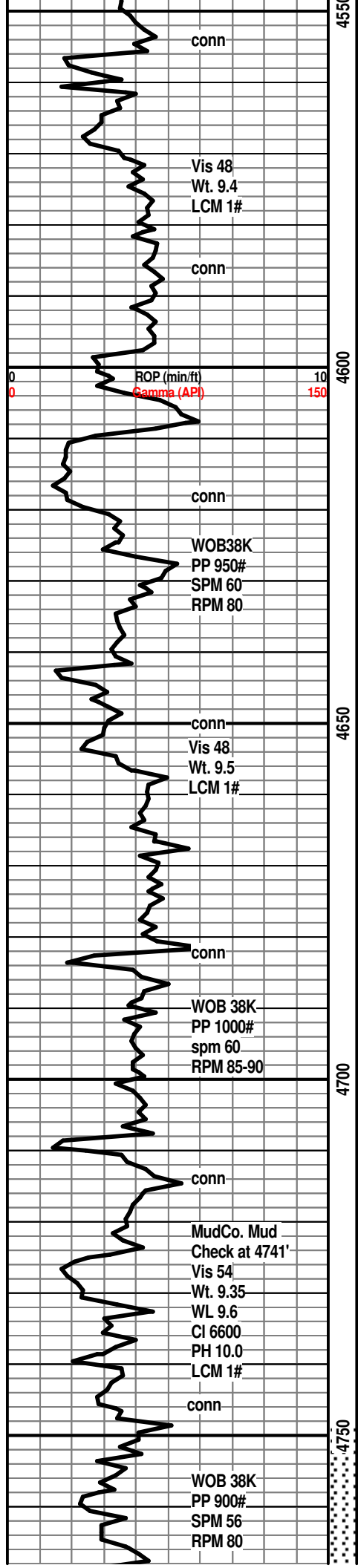
Gas Test at Extractor

TG, C1-C5

4 Unit Incr. Poss. Show

C1 TG C2 C3

11 Unit Incr. Shale



LM; dk brn, dense, hd, micritic

SH; blk, carb ip, firm to blocky, trc pyr

**HERTHA 4562(-2348)**  
 LM; lt gy to tan, foss, scat poor to fair interpart por, few well cem oolites and pellets, some oolitic cht, no fluor, no stn or odor, ns.

LM; med gy to med brn, bcm dk brn, most dense, interbdd smoky to dk gy cht, occ pyr, hd, blocky, tite

**BASE KANSAS CITY 4597(-2383)**  
 SH; gr to grn, firm, occ pyr, platy  
 LM; med to dk brn, hd, micritic  
 SH; dk gy to blk, firm to soft, occ pyr  
 SH; grn, gy grn, rust red, soft

**PLEASANTON 4620(-2406)**  
 LM; tan to off wh, buff, occ fxln w/scat cse spar calc xtals, most dense - litho, hd, no vis por, dull yel min fluor, no stn or odor, ns.  
 LM; tan to off wh, most micritic, blocky, tite

**MARMATON 4644(-2430)**  
 LM; grn, shaly ip, looks weathered, tite  
 SH; med to dk gy, fiss, occ pyr, foss ip.  
 LM; tan to lt brn, most dense, blocky, micritic, trc frags, cherty ip, no vis por, no stn or odor, ns.  
 LM; lt brn, foss ip, most well cem, blocky, no fluor, cherty ip, tite, ns.

SH; dk gy to blk, fiss

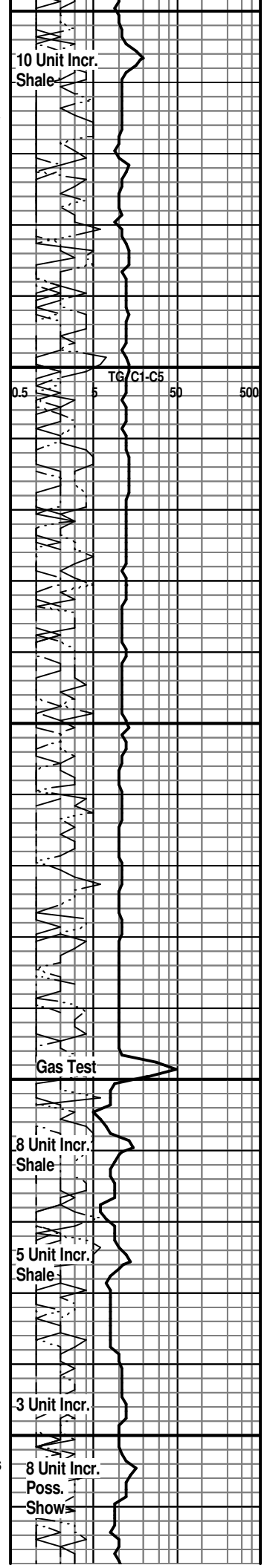
**PAWNEE 4687(-2473)**  
 LM; tan to lt brn, foss - scat small pellets and foss mat, well cem, much dense micrite, no vis por, no stn or odor, ns.  
 LM; tan to lt brn, most micritic, blocky, hd, scat lt to med gy cht, no vis por, no fluor, ns.  
 SH; blk, carb ip, soft to blocky, fiss

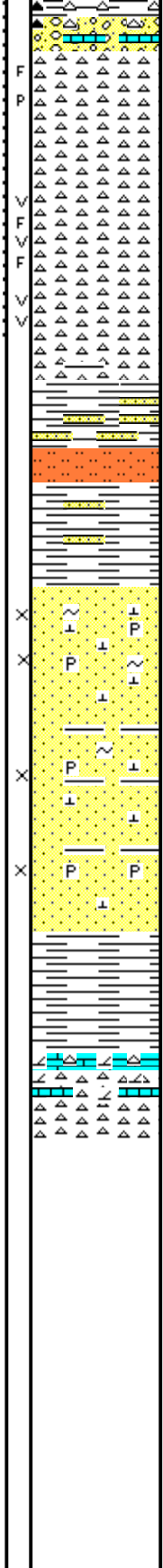
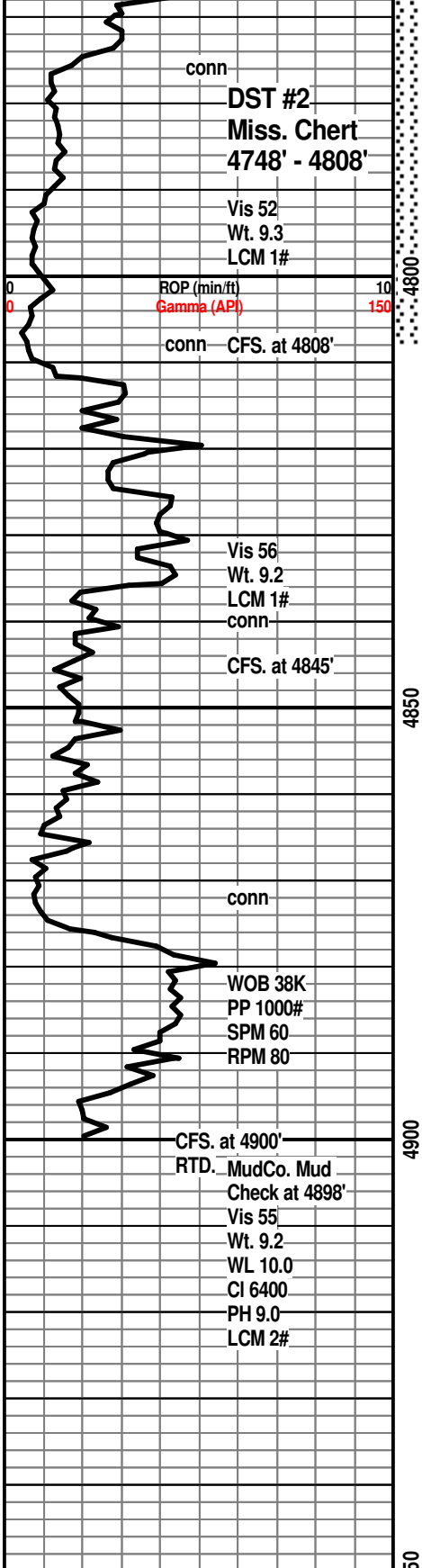
**FORT SCOTT 4715(-2501)**  
 LM; lt to med brn, hd, blocky, rare well cem foss, most dense, no vis por, no stn, ns.

**CHEROKEE SHALE 4723(-2509)**  
 SH; blk, v. dk gy, carb ip, w/med gy to grn soft occ silty sh.  
 LM; tan to buff, lt brn, fxln, scat foss mat, most well cem, few pcs. w/fracs with dk brn/blk oil stn, no odor, no gas kick  
 LM; tan to lt brn, some cse xln, foss ip, scat p-p and interpart por, few pcs. w/blk tarry dead oil, dull yel min fluor, no odor, no vis gas bubbles  
 LM; tan to lt brn, fxln, scat frags, much blk tar/gilsonite stn, no live oil, scat med yel fluor, faint odor, no vis gas

SS; lt gy, lt brn, shaly ip, scat dk brn/blk oil stn, lt yel fluor, no odor, fair por, few loose grains, lmy

CONGL: weath arn lmst. varic cht. soft arn & rustv red





shales, trc blk tar/gilsonite

**REWORKED MISS. 4775(-2561)**  
 CHT; wh to off wh, yel, org, fresh and trip(25% trip), spotted lt brn stn, fracs, fair p-p por, no odor, lt yel fluor, grn tite shaly chert at base

**MISS. CHERT 4789(-2575)**  
 CHT; wh, pale yel, transl, most fresh, abnt fracs w/oil stn on frac edges, incr. trip cht(30%), sev. pcs w/lrg vug por & w/live oil - FSFO, much brite yel fluor, faint odor, gas bubbles, fair/gd cut

CFS. 60": CHT; wh, off wh, yel, transl, sl. incr. in trip cht(35%), much lrg vug por w/SFO, faint odor, med to brite yel fluor, scat fracs, gd cut

**KINDERHOOK SHALE 4811(-2597)**  
 SH; med gy to gy grn, platy, interbdd vf gr. lt gy/grn ss strngs, trc blk tarry dead oil stn

SH; med gy, gy grn, platy, interbdd pale gy to grn sltst to vf gr. qtz ss strngs, no fluor, no stn or odor, ns.

**KINDERHOOK SAND 4836(-2622)**  
 SS; clr, wh, pale grn, f gr qtz, clusters, well srt, clean, some v. hd - qtzitic, most w/fair to gd intergran por, rare pyr, no fluor, no stn or odor, no gas kick, ns, minor glau, calc. cmt.

SS; wh, clr, most f gr qtz, clusters w/some loose gr, gd intergran por, minor pyr incl, some shaly ss, no fluor, no stn or odor, ns.

SS; wh, pale grn, f to med gr qtz, v. gd intergran por, loosely cem, no fluor, barren, ns.

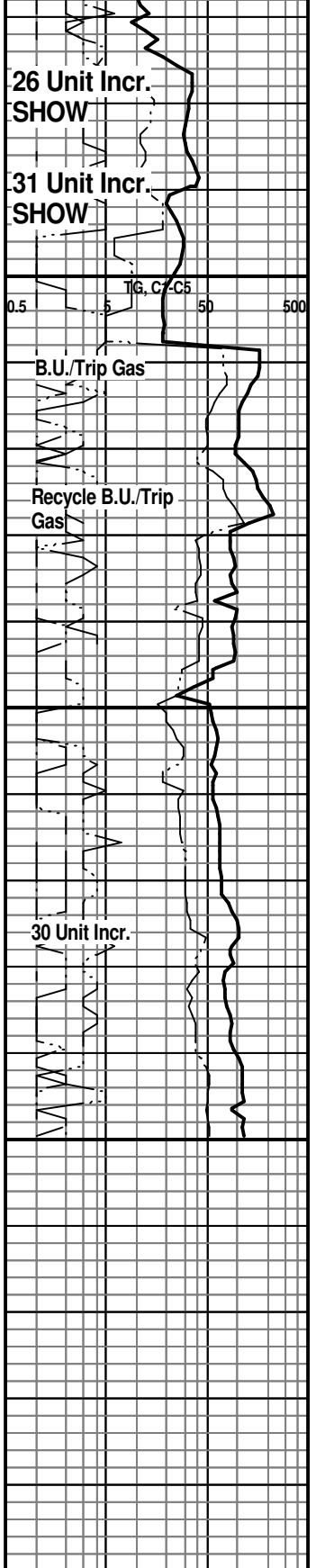
SH; varic, platy, occ silty

**VIOLA 4890(-2676)**  
 CHT; brn, tan, fresh - sharp, w/interbdd cherty brn partly dolomitic lmst, some fracs, ns.

RTD. 4900' at 2:00 PM. 11/28/10

LTD.

Halliburton DIL, Neu/Den, Microlog



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/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 17, 2011

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

Re: ACO1  
API 15-097-21679-00-00  
Robertson 1-33  
NE/4 Sec.33-27S-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



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/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 18, 2011

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

Re: ACO-1  
API 15-097-21679-00-00  
Robertson 1-33  
NE/4 Sec.33-27S-18W  
Kiowa County, Kansas

Dear John R Kinney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/19/2010 and the ACO-1 was received on February 17, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department