



KANSAS CORPORATION COMMISSION 1050964  
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 # 33036  
Name: Strata Exploration, Inc.  
Address 1: PO BOX 401  
Address 2: \_\_\_\_\_  
City: FAIRFIELD State: IL Zip: 62837 + 0401  
Contact Person: John R Kinney  
Phone: ( 618 ) 842-2610  
CONTRACTOR: License # 5142  
Name: Sterling Drilling Company  
Wellsite Geologist: Jon Christensen  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- Gas     D&A     ENHR     SIGW
- OG     GSW     Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD

Conv. to GSW

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled    Permit #: \_\_\_\_\_

Dual Completion    Permit #: \_\_\_\_\_

SWD    Permit #: \_\_\_\_\_

ENHR    Permit #: \_\_\_\_\_

GSW    Permit #: \_\_\_\_\_

<u>10/19/2010</u>	<u>10/29/2010</u>	<u>12/22/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21679-00-00

Spot Description: \_\_\_\_\_  
E2 SW SE NE Sec. 33 Twp. 27 S. R. 18  East  West  
2,310 Feet from  North /  South Line of Section  
900 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Kiowa  
Lease Name: Robertson Well #: 1-33  
Field Name: \_\_\_\_\_  
Producing Formation: Miss Chert  
Elevation: Ground: 2203 Kelly Bushing: 2214  
Total Depth: 4900 Plug Back Total Depth: 4898  
Amount of Surface Pipe Set and Cemented at: 517 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: 7900 ppm Fluid volume: 900 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Roberts Resources  
Lease Name: MARY License #: 32781  
Quarter NW Sec. 16 Twp. 29 S. R. 18  East  West  
County: Kiowa Permit #: D28396

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: 02/17/2011
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garrison Date: 02/18/2011



1050964

Operator Name: Strata Exploration, Inc. Lease Name: Robertson Well #: 1-33  
 Sec. 33 Twp. 27 S. R. 18  East  West County: Kiowa

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Halliburton-Induction Microlog Comp Density Neutron log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum ***See attached Geo report
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	517	See cement ticket	400	
Longstring	7.875	5.5	15.5	4898	See cement ticket	200	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Miss chert	N2 Frac 256 bbls 20# gel 13000# sd	4778 - 4788

TUBING RECORD: Size: <u>2.875</u> Set At: <u>4750</u> Packer At: <u>4750</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>02/15/2011</u>	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>35</u> Gas Mcf <u>200000</u> Water Bbls. <u>0</u> Gas-Oil Ratio <u>5714</u> Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Miss Chert 4778-88</u>
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**BASIC™**  
ENERGY SERVICES

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

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  
E JOB CONTACT

**PAID**  
10-30-10  
ENB 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
PLEASE REMIT TO:			SEND OTHER CORRESPONDENCE TO:	
BASIC ENERGY SERVICES, LP		BASIC ENERGY SERVICES, LP		SUB TOTAL
PO BOX 841903		PO BOX 10460		TAX
DALLAS, TX 75284-1903		MIDLAND, TX 79702		INVOICE TOTAL
				6,962.97
				335.12
				7,298.09



# BASIC

energy services, L.P.

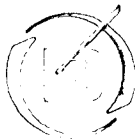
## TREATMENT REPORT

Customer <i>S TRA 7A Beckman</i>	Lease No.	Date <i>10-20-10</i>
Lease <i>ROBERTSON</i>	Well # <i>1-33</i>	
Field Order # <i>2658</i>	Station <i>PRATT</i>	Casing <i>8 5/8</i>
		Depth <i>317</i>
Type Job <i>CNW 8 5/8 Sertool</i>	Formation	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>8 5/8</i>				Pre Pad	Max		5 Min.	
Depth <i>317</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>31 1/2</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>200</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>V.C</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>477</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Luther</i>
Service Units <i>19867 23706 20970 19826 19860</i>		
Driver Names <i>Sethur Nelson Another JAMES</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0615</i>					<i>on the set up meeting</i>
					<i>Run 12 str 8 5/8 " 2.3 csc</i>
<i>1240</i>					<i>CASING ON BOTTOM</i>
<i>1255</i>					<i>Hook Pipe to circ.</i>
<i>1305</i>	<i>200</i>		<i>3</i>	<i>4</i>	<i>St 2 pack</i>
			<i>56</i>	<i>5.5</i>	<i>Mix 200 st Acid like unit</i>
			<i>47</i>		<i>Mix 200 st common 2 1/2 gal 2 3/4 gal 1/2 coll &amp; etc.</i>
					<i>Shut down Release Plug</i>
<i>1325</i>				<i>4</i>	<i>St Drop</i>
<i>1340</i>	<i>300</i>		<i>21 1/2</i>		<i>plug down</i>
					<i>CIDP 1.0 RB cut to Pit</i>
					<i>JOB Complete</i>
					<i>Thank you</i>



**BASIC**  
ENERGY SERVICES

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

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**  
11-2-10  
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				
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
<b>PLEASE REMIT TO:</b>			<b>SEND OTHER CORRESPONDENCE TO:</b>	
BASIC ENERGY SERVICES, LP			BASIC ENERGY SERVICES, LP	
PO BOX 841903			PO BOX 10460	
DALLAS, TX 75284-1903			MIDLAND, TX 79702	
			<b>SUB TOTAL</b>	
			9,152.08	
			<b>TAX</b>	
			294.60	
			<b>INVOICE TOTAL</b>	
			9,446.68	

LEASE	LEV	P/P
DES		A/P
DRL	COM	LOE
	G/L	D/D





Energy services, L.P.

**TREATMENT REPORT**

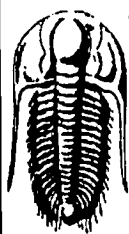
Customer: <i>SMITH, EXP.</i>	Lease No.:	Date: <i>10-29-00</i>
Lease: <i>ROBERTSON</i>	Well #: <i>1-33</i>	
Field Order #: <i>1797</i>	Station: <i>1797 Ks</i>	Casing: <i>3 1/2</i>
		Depth: <i>4878</i>
Type Job: <i>CONV - LOWCSTRONG</i>	Formation: <i>TD - 4700</i>	County: <i>KEOWA</i>
		State: <i>KS</i>
		Legal Description: <i>33-27-18</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>4878</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>7804</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative: <i>WENGE</i>	Station Manager: <i>SCOTT</i>	Treater: <i>CONDLEY</i>
Service Units: <i>17907 17890-19905</i>	<i>19831-19862</i>	
Driver Names: <i>W</i>	<i>W</i>	<i>W</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:30</i>					<i>WU LOCATED</i>
					<i>RUN 5% H<sub>2</sub>O - JTS</i>
					<i>WU FRONT STAGE, LIFT PUMP 15' COLLAR</i>
					<i>COU-1-4-5-6-8-10-14-16-18-22-26-30</i>
					<i>BITLET-15-27 SCRATCHER-4 ON #4</i>
<i>14:10</i>					<i>TAG BOTTOM DROP BBL - CEMENT</i>
					<i>RECIPRODATE CASING</i>
<i>15:45</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 MAIN FRESH</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 PER</i>
					<i>5% KCL, 5% CAL-SE7, 5% FERT 322</i>
					<i>STOP - INSURE LINE - DROP PUMP</i>
	<i>0</i>		<i>0</i>	<i>6</i>	<i>START DROP, 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>16:15</i>	<i>1800</i>		<i>116.3</i>	<i>3</i>	<i>PUMP DOWN</i>
					<i>PUMP RATE HOLD - 30 sl 60% PER</i>
					<i>PLUG HOUSE HOLD - 20 sl 60% PER</i>
<i>17:00</i>					<i>JOB COMPLETE</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>**

Job Ticket: 039278

**DST#: 1**

ATTN: Jon Christensen

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@RunDepth: **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**

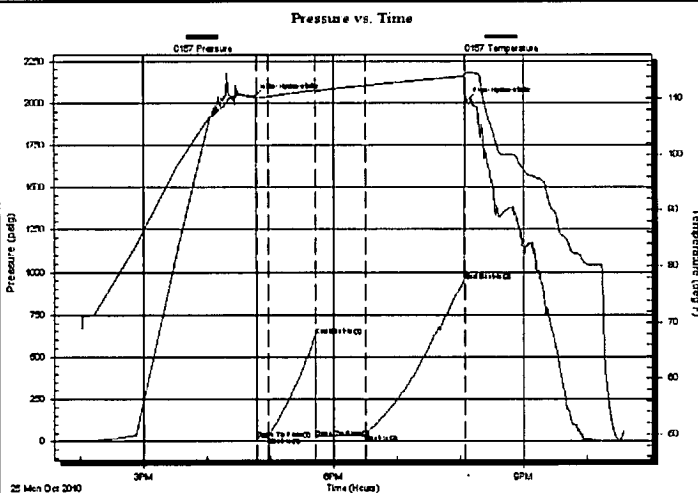
Time Off Btm: **2010.10.25 @ 20:06:19**

**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

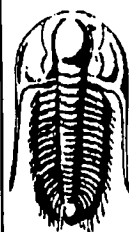
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2032.71	110.48	Initial Hydro-static
3	16.48	110.09	Open To Flow (1)
14	24.66	110.31	Shut-In(1)
58	626.46	111.52	End Shut-In(1)
59	18.69	111.39	Open To Flow (2)
106	39.85	112.33	Shut-In(2)
200	945.70	113.98	End Shut-In(2)
202	2010.19	114.63	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
35.00	WM 21%w 79%ml 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:

bbl

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 bbl
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

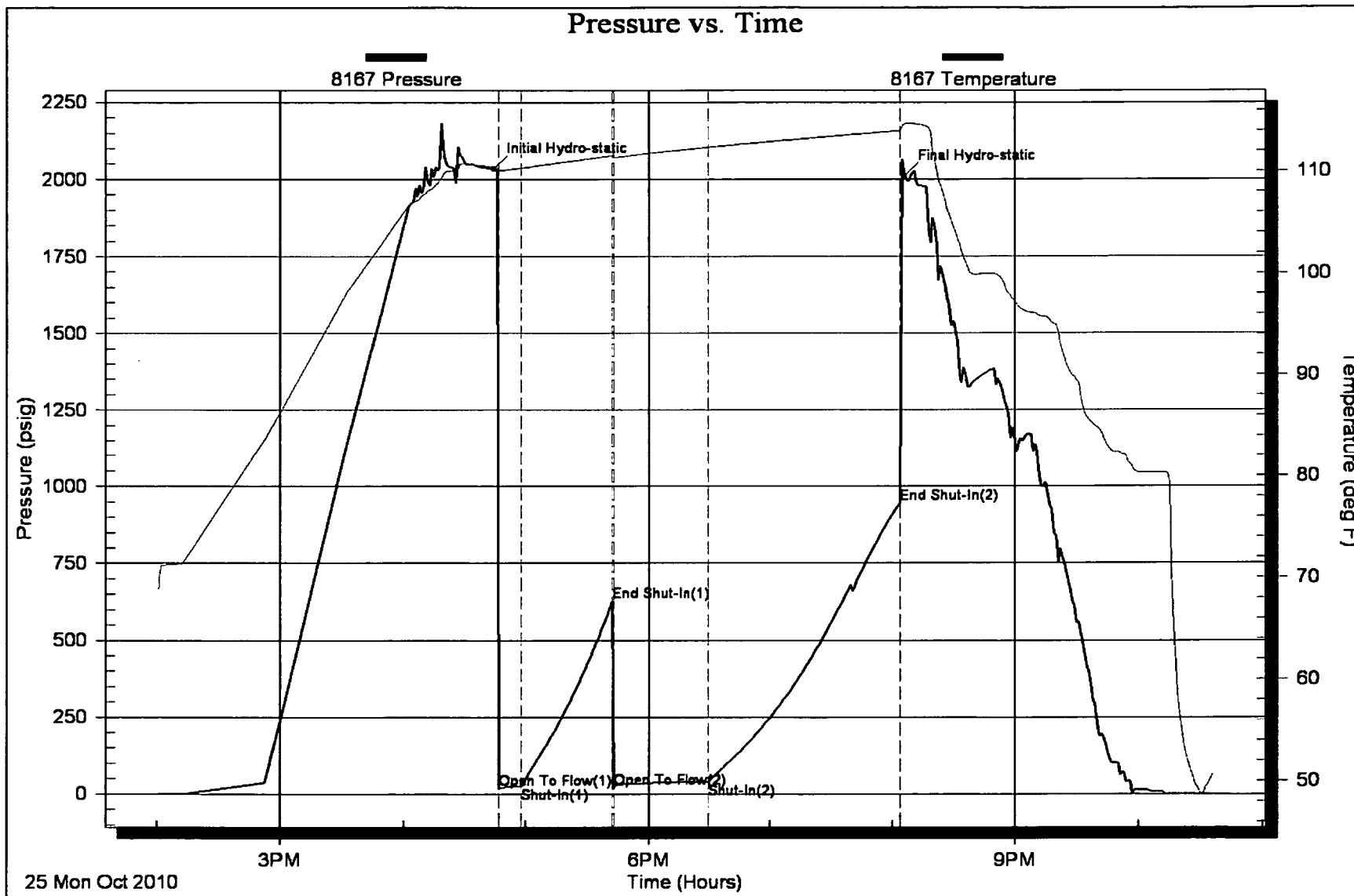
Num Gas Bombs: 0

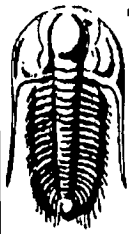
Serial #: none

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@RunDepth: **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**

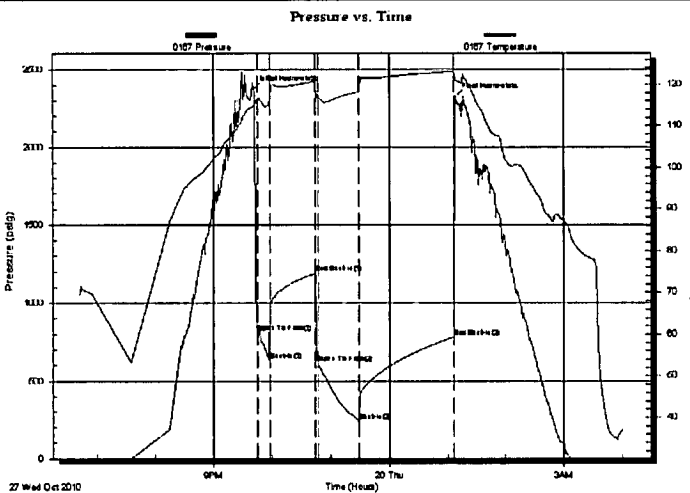
Time Off Btm: **2010.10.28 @ 01:08:19**

**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

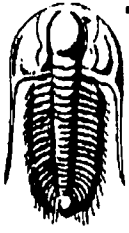
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2374.80	114.80	Initial Hydro-static
4	809.99	116.30	Open To Flow (1)
16	633.84	114.85	Shut-In(1)
63	1189.70	120.77	End Shut-In(1)
66	616.20	117.35	Open To Flow (2)
108	240.44	118.21	Shut-In(2)
205	782.44	123.22	End Shut-In(2)
207	2323.37	120.85	Final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

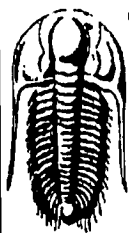
Num Gas Bombs: 1

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

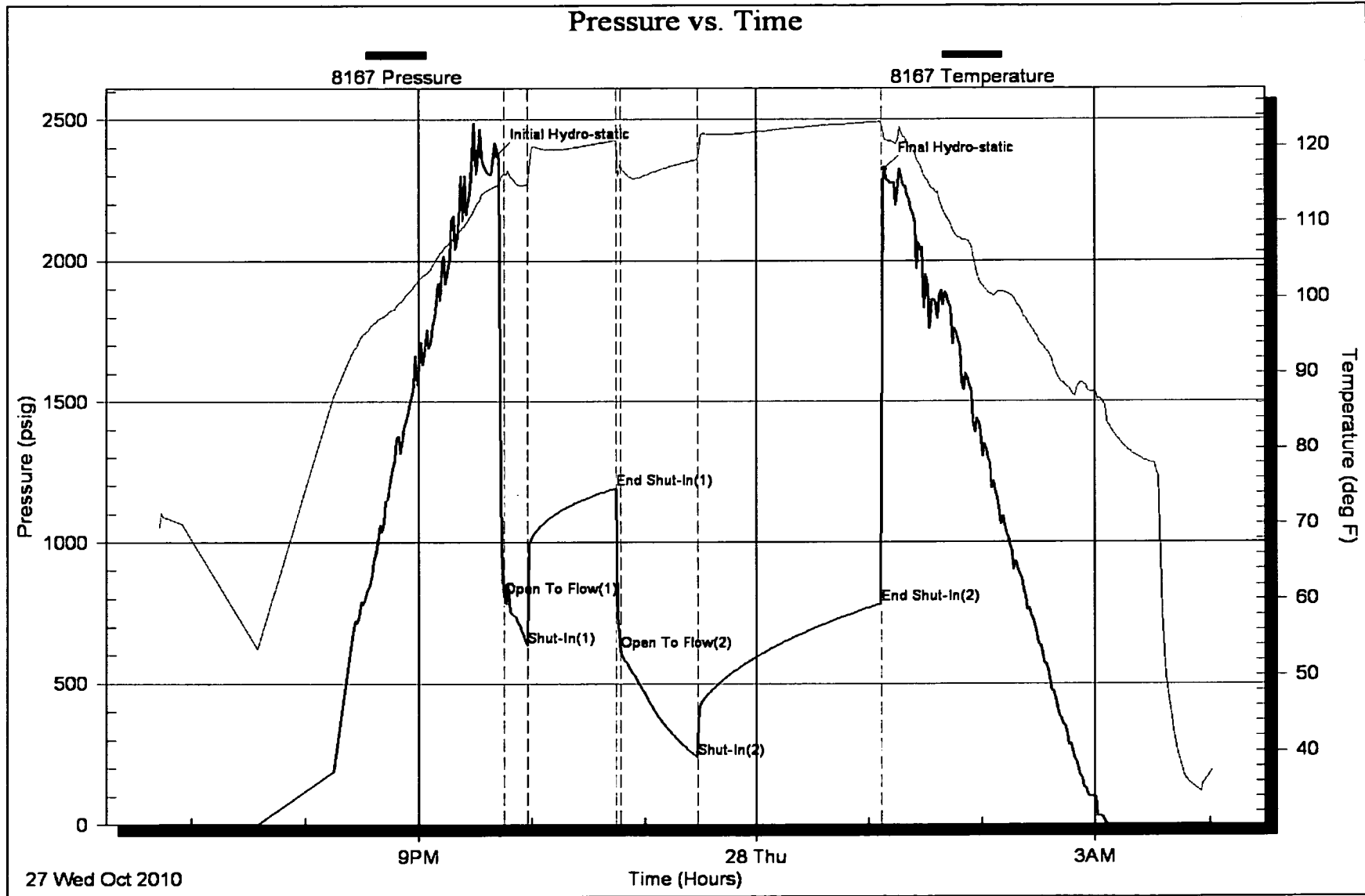
Temperature: 59 deg C

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

## 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**

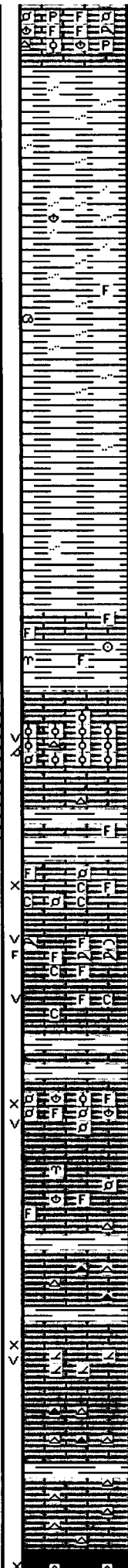
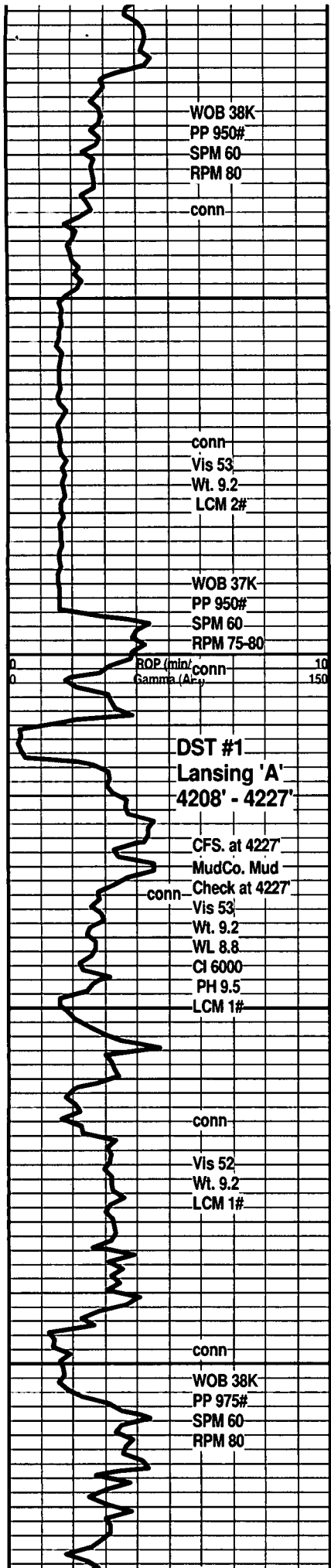
<b>MINERAL</b>	Gyp	<b>FOSSIL</b>	Ostra	Sltstrg
Anhy	Hvymin	Algae	Pelec	Ssstrg
Arggrn	Kaol	Amph	Pellet	<b>TEXTURE</b>
Arg	Marl	Belm	Pisolite	Boundst
Bent	Minxl	Bioclst	Plant	Chalky
Bit	Nodule	Brach	Strom	Cryxln
Brecfrag	Phos	Bryozoa	<b>STRINGER</b>	Earthy
Calc	Pyr	Cephal	Anhy	Finexln
Carb	Salt	Coral	Arg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

**OTHER SYMBOLS**

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







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 gm, firm, foss ip.

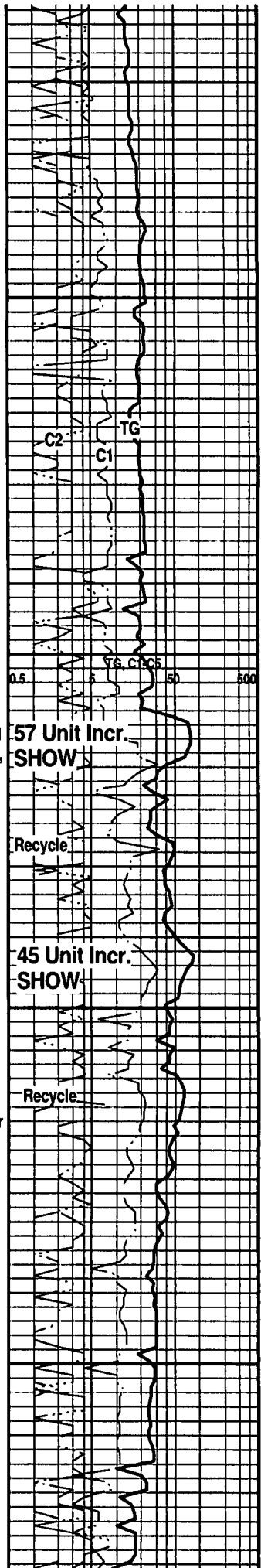
**LANSING 'A' 4205(-1991)**  
LM; lt to med brn, oolitic, med to lrg moldic por, scat fair vug por also, med yel fluor, spotted lt to med brn oil stn(10% of sample), SSFO when crushed, faint/fair odor, occ gas bubbles, rare oolitic cht, occ rextalized  
SH; med to dk gy, interbdd hd foss lmst.

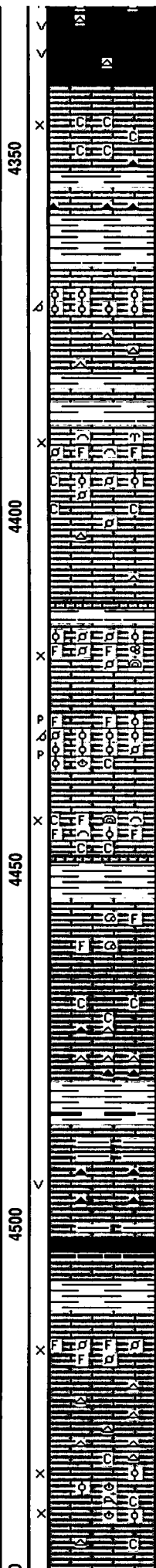
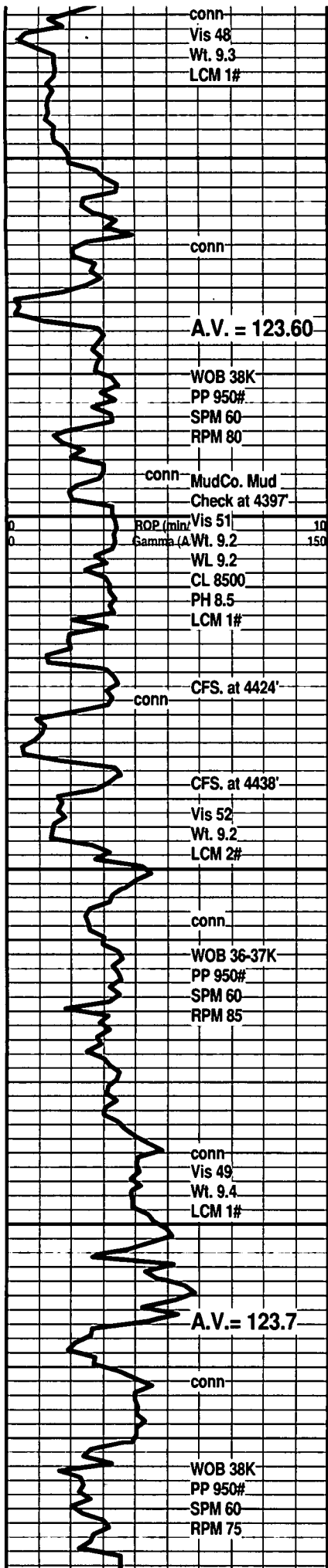
**LANSING 'B' 4229(-2015)**  
LM: off wh, foss to fxln, fair interpart por, chalky mtx, dull yel min fluor, no stn or odor, ns.  
LM: off wh, wh, foss, scat fair vug por, v. lt brn spotted to even oil stn some, fair odor, trc gas bubbles, some barren por, med to brite yel fluor, poss frags, fair/gd cut  
LM; wh, off wh, foss, vug por, trc oil stn - most barren, rare stn, chalky ip, no odor, no fluor  
SH; med gy, gm, 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 lt brn, buff, most micritic, blocky, cherty w/wh and gy fresh cht, hd, no vis por, ns.





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

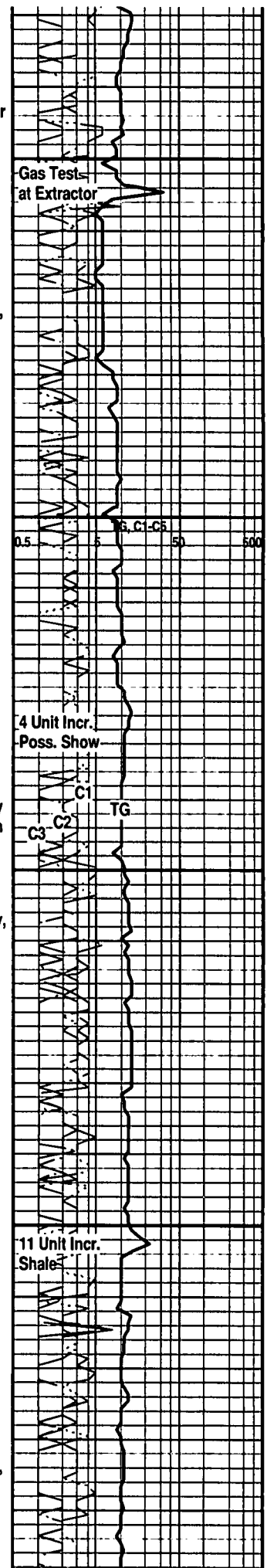
LM; med gy brn, med brn, dense, micritic

**SWOPE 4512(-2298)**

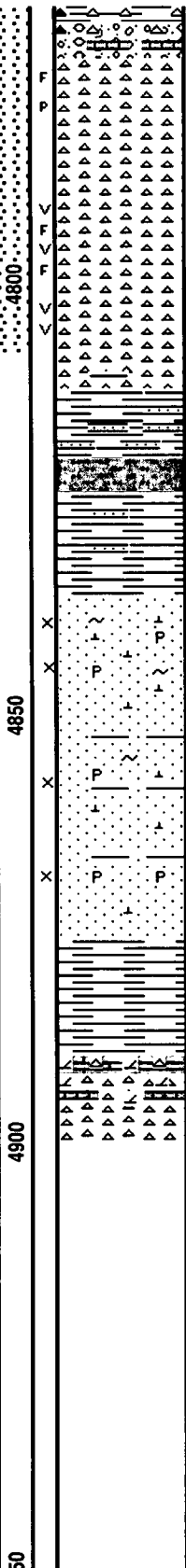
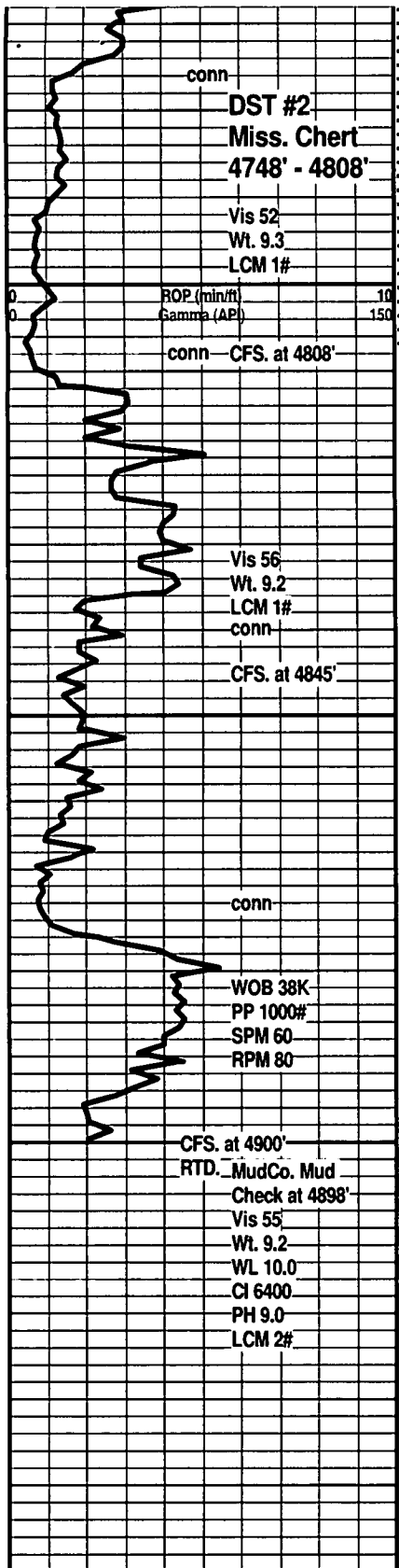
LM; tan to off wh, foss to med xln, fair to gd interxln por, dull yel fluor, no stn or odor, no gas kick, ns.

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

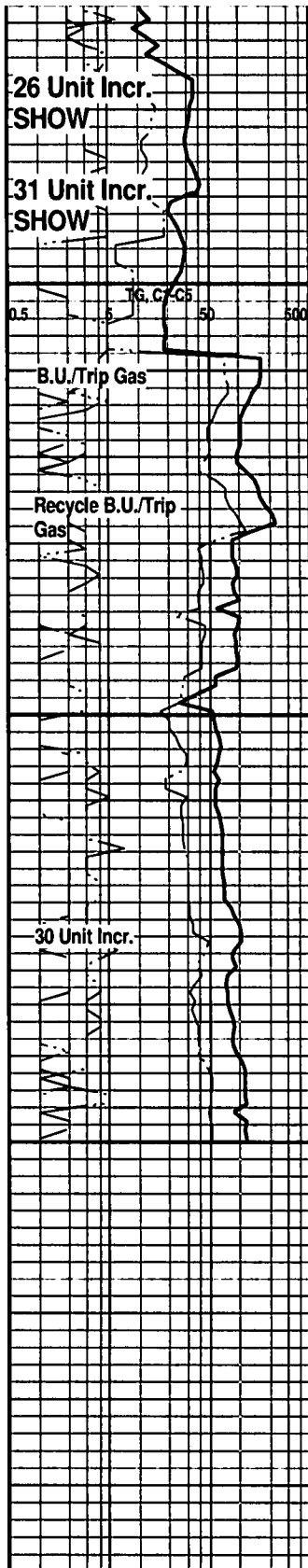
LM; off wh, wh, fxln, scat foss mat, occ soft chalky mtx, interbdd tan to lt brn highly foss to partly oolitic lmst, dull yel min fluor only, no stn or odor, ns.







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, frags, 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 frags 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 frags, 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 frags, 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  
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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