



KANSAS CORPORATION COMMISSION 1073945
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 Chritensen
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 #: _____

09/14/2011	09/24/2011	11/07/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21707-00-00

Spot Description: _____
SW NW SE NE Sec. 28 Twp. 27 S. R. 18 East West
1656 Feet from North / South Line of Section
1117 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Kiowa

Lease Name: Jungemann Well #: 1-28

Field Name: _____

Producing Formation: Miss

Elevation: Ground: 2191 Kelly Bushing: 2195

Total Depth: 4866 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 562 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: 11000 ppm Fluid volume: 800 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Roberts Recources

Lease Name: MARY License #: 32781

Quarter SW 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: 02/13/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garcia Date: 02/14/2012



1073945

Operator Name: Strata Exploration, Inc. Lease Name: Jungemann Well #: 1-28
 Sec. 28 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: <small>Hafburton Induction Compensated Density Neutron Log Microlog</small>	<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	562	See ticket	350	see ticket
Longstring	7.875	5.5	15.5	4864	See ticket	200	see ticket

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
4	Perf Kinderhook sd at 4788-4802	4 spf w/ 39 gm charges	4788-4802

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs. Gas-Oil Ratio 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>4788-4802</u>
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BASIC
ENERGY SERVICES

PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	09/28/2011
INVOICE NUMBER		
1718 - 90712023		

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

J LEASE NAME Jungeman 1-28
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

PAID
10-20-11
FNB SA 7652

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40375622	19905		Net - 30 days	10/28/2011

For Service Dates: 09/25/2011 to 09/25/2011

0040375622

171804454S Cement-New Well Casing/Pi 09/25/2011
 5 1/2" Longstring

LEASE	JUNGEMAN 1-28		LEV	P/P
10/			S	10/10
DES	CEMENT LONG STRING			A/P
				10/17
DRL	COM	LOE	G/L	D/D
	X		73551/11625	

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
50/50 POZ	200.00	EA	8.69	1,737.90 T
60/40 POZ	50.00	EA	9.48	473.97 T
Cello-flake(POLEFLAKE-C)	50.00	EA	2.92	146.14 T
Cal-Set	840.00	EA	0.59	497.67 T
FLA-322	84.00	EA	5.92	497.67 T
KCL Potassium Chloride	453.00	EA	1.18	536.78 T
Gilsonite	1,200.00	EA	0.53	635.12 T
Mud Flush	1,000.00	EA	0.68	679.36 T
CS-1 KCL Substitute	5.00	EA	27.65	138.24 T
Latch Down Plug & Baffle 5 1/2"(Blue)	1.00	EA	315.98	315.98
Auto Fill Float shoe 5 1/2"(Blue)	1.00	EA	284.38	284.38
Turbolizer 5 1/2"(Blue)	12.00	EA	86.90	1,042.74
5 1/2" Basket(Blue)	2.00	EA	229.09	458.17
Cement Scratchers Cable Type 5 1/2"	6.00	EA	59.25	355.48
Heavy Equipment Mileage	60.00	MI	5.53	331.78
Proppant and Bulk Delivery Charges	317.00	MI	1.26	400.67
Blending & Mixing Service Charge	250.00	MI	1.11	276.48
Unit Mileage Charge-Pickups, Vans & Cars	30.00	HR	3.36	100.72
Depth Charge; 4001-5000'	1.00	HR	1,990.72	1,990.72
Plug Container Utilization Charge	1.00	EA	197.49	197.49
Supervisor	1.00	HR	138.24	138.24

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,235.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	390.03
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,625.73
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 00005A

DATE OF JOB 9-25-11 DISTRICT KANSAS DATE 9-25-11 TICKET NO. 1718 00005A

CUSTOMER Strata Exploration NEW WELL OLD WELL PROD INJ WDW CUSTOMER ORDER NO.:

ADDRESS Leffersman #1-28 LEASE Leffersman #1-28 WELL NO. 1-28

CITY STATE COUNTY Kingman-28-27-17 STATE Kansas

AUTHORIZED BY SERVICE CREW Allen, Mike, Steve

EQUIPMENT# HRS EQUIPMENT# HRS EQUIPMENT# HRS JOB TYPE: 5 1/2" Loss S. string

<u>178443 P.U</u>	<u>2.15</u>					TRUCK CALLED	<u>9-24-11</u>	DATE	AM	TIME
<u>1990-1995</u>	<u>2.15</u>					ARRIVED AT JOB	<u>9-25-11</u>		AM	<u>12:00</u>
<u>19960-19918</u>	<u>2.15</u>					START OPERATION	<u>9-25-11</u>		AM	<u>8:50</u>
						FINISH OPERATION	<u>9-25-11</u>		AM	<u>10:50</u>
						RELEASED	<u>9-25-11</u>		AM	<u>11:50</u>
						MILES FROM STATION TO WELL	<u>30 miles</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
CP 104	50/50 Poz	SK	200		\$ 2,200.00
CP 103	10/40 Poz	SK	50		\$ 600.00
CC 102	coll FLAKE	lb	50		\$ 850.00
CC 112	cal. set	lb	240		\$ 630.00
CC 129	FIA-322	lb	84		\$ 630.00
CC 700	KCl (Potassium Chloride)	lb	453		\$ 675.00
CC 201	Gilsonite	lb	1000		\$ 204.00
CP 607	Latch Down Plug + Bar (5 1/2" Blue)	EA	1		\$ 400.00
CP 1251	Auto Fill Float Shoe (5 1/2" Blue)	EA	1		\$ 360.00
CP 1151	Turboliner (5 1/2" Blue)	EA	1		\$ 1,500.00
CP 2001	concrete scratchers cable type 5 1/2"	EA	6		\$ 4,200.00
CP 1901	5 1/2" Basket Blue	EA	2		\$ 580.00
CC 151	1340 Flush	gal	1000		\$ 860.00
CP 104	CS-11 KCl sub	typ	1		\$ 125.00

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Allen, Mike THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer STRATA Exploration	Lease No.	Date 9-25-11
Lease Jungemann	Well # #1-28	
Field Order # 044548	Station PRATT KS	Casing 5/8"
Type Job 5/8 Long String	Formation CNW	Depth 4870'
	OTD 4870' (4704866)	County KIOWA
		State KANSAS
		Legal Description 28-27-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5/8"		200		50/80 Puz @ 14 #				
Depth 4864'	Depth	From	To 24	Pre Pad 50/80 Puz @ 14 #	Max		5 Min.	
Volume 115 BBL	Volume	From	To 20	Pad 60/40 Puz	Min		10 Min.	
Max Press 1300 #	Max Press	From	To 20	Frac 60/40 Puz	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HP Used		Annulus Pressure	
Plug Depth 4870'	Packer Depth	From	To	Flush 0.30 2% KCL	Gas Volume		Total Load	

Customer Representative George Payne	Station Manager scotty	Treater Allen
Service Units 28443 19903 19905 19960 19918		
Driver Names Allen m. ke Mathal Steve young		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1200 AM					on loc. Discuss Safety, Setup, Plan Job
345					out of Hole w/ D.P. Lhy down Kelly
500					+ mouse hole. Rig up to Run 5/8" casing 1525'
					Start 5/8" casing shoe joint 16.49
					w/ float shoe, L.D. Baffle in collar
					#2-Jt. scratchers 15' above Pin - 1 every 5'
					cent. 1-2-3-4-6-10-15-20-25-30-35-40
					Basket 11 + 21
600					CIR Hole w/ 40 Joints in for 20 min.
715					CIR Hole w/ 80 Joints in for 30 min.
830					Tag Bottom Pick up To 4864 + CIR.
945	300 #		24	5	Pump 24-BBL muo flush (Recip. Pipe)
			5	5	Pump 5-BBL muo spacer
			48	5	Pump 48 BBLs 50/50 Puz @ 14 #
					Finish mix washout Pump line
1005				6 1/2	Drop 1.0 Plug, start 2% KCL Disp
	500 #			6	caught lift! PSI w/ 80 BBLs out
1030	1500 #		115	4	Plugs Down
	0 #				Release PSI - 0 #
			7		Plug R H w/ 30 sks 60/40 Puz 2% gel
			5		Plug M H w/ 20 sks 60/40 Puz 2% gel
1130					washout Rackup. Job complete.



ALLIED

OIL & GAS SERVICES, LLC

24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 128553
Invoice Date: Sep 14, 2011
Page: 1

LEASE #	LEV	P/P
9/26 JUNGEMANN #1-28	5	9/26
DES		A/P
CEMENT SURFACE PIPE		9/26
DRL	COM	LOE
X		G/L
		71730/13868
		28
		D/D
		8849.95

Bill To:

Strata Exploration, Inc.
P O Box 401
Fairfield, IL 62837-2757

10/29/11

PAID
9-20-11
PAID SP # 7568

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Strata	Jungemann #1-28	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Sep 14, 2011	10/14/11

Quantity	Item	Description	Unit Price	Amount
350.00	MAT	Class A Common	16.25	5,687.50
6.00	MAT	Gel	21.25	127.50
12.00	MAT	Chloride	58.20	698.40
368.00	SER	Handling	2.25	828.00
75.00	SER	Mileage 368 sx @.11 per sk per mi	40.48	3,036.00
1.00	SER	Surface	1,125.00	1,125.00
150.00	SER	Pump Truck Charge	7.00	1,050.00
150.00	SER	Light Vehicle Mileage	4.00	600.00
1.00	SER	8.5/8 Baffle Plate	112.00	112.00
1.00	SER	8.5/8 Rubber Plug	112.00	112.00
1.00	CEMENTER	Wayne Davis		
1.00	EQUIP OPER	Greg Redetzke		
1.00	OPER ASSIST	Dustin Chambers		

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

\$ 5018.28

ONLY IF PAID ON OR BEFORE
Oct 9, 2011

Subtotal	13,376.40
Sales Tax	491.83
Total Invoice Amount	13,868.23
Payment/Credit Applied	
TOTAL	13,868.23

DISC 5,018.28

BAL 8,849.95

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: Jungemann #1-28
Location: 1656' FNL & 1117' FEL, Sec. 28-T27S-R18W, Kiowa Co., KS.
Licence Number: 15-097-21707 Region: Wildcat
Spud Date: 9/13/2011 Drilling Completed: 9/24/2011
Surface Coordinates: 1656' FNL & 1117' FEL, NE 1/4, Sec. 28-T27S-R18W

Bottom Hole Same as above
Coordinates:
Ground Elevation (ft): 2184' K.B. Elevation (ft): 2195'
Logged Interval (ft): 3200 To: 4870' Total Depth (ft): 4870'
Formation: Viola at Total Depth
Type of Drilling Fluid: Freshwater/Gel to 3015'; Chemical Mud 3015' 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') 4187' - 4204'(Corrected Depths to Log) Test Times 15"-45"-30"-60" IFP Fair Blow built to 13", FFP Fair Blow built to 5.5", no Blowback on SI's; REC: 180' Gas in Pipe, 60' OCM(4%O, 96%M), no Water; IFP 19-30#, ISIP 571#, FFP 34-45#, FSIP 699# and Building, IHP 2051#, FHP 1983#, BHT 112 Deg. F.

DST #2(K.C. 'I' zone) 4382' - 4400'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Weak Blow built to 1.25", FFP Weak building Blow, built to 5.5", no Blowback on SI's; REC: 150' Gas in Pipe, 30' SOCM(2%O, 98%M), no water; IFP 18-25#, ISIP 1286#, FFP 26-37#, FSIP 1331#, IHP 2114#, FHP 2087#, BHT 116 Deg. F.

DST #3(Cherokee/Mississippi Chert) 4718' - 4754'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Fair Blow 4" building to 10"; FFP Fair Blow building to BOB/23 Min., no Gas To Surface, no Blowback on SI's; REC: 340' Gas in Pipe, 35' DM w/oil specks, no water; IFP 21-25#, ISIP 213#, FFP 22-27#, FSIP 762#, IHP 2360#, FHP 2319#, BHT 119 Deg. F.

DST #4(Kinderhook Sandstone) 4788' - 4806'(Corrected Depths to Log) Test Times 15"-45"-45"-90" IFP Weak 2" Blow, FFP Weak 2.5" Blow, no Blowback on SI's; REC: 95' Gas in Pipe, 35' VSOCM(1%O, 99%M), good show of free oil in top of test tool, no water; IFP 19-24#, ISIP 160#, FFP 23-30#, FSIP 297# - building at 40 Deg. angle; IHP 2361#, FHP 2310#, BHT 122 Deg. F.

Comments

9/13/11 MIRU Sterling Drilling Co. Rig #2, Spud at 4:00 PM; 9/14/11 TD. 567' - WOC; 9/15/11 Drilling at 1350'; 9/16/11 Drilling at 2455'; 9/17/11 Drilling at 3112'; 9/18/11 Drilling at 3642'; 9/19/11 Drilling at 4150'; 9/20/11 Drilling at 4208'; 9/21/11 TD. 4404' - TIH after DST #2; 9/22/11 Drilling at 4724'; 9/23/11 TD. 4800' - CFS; 9/24/11 RTD. 4870' - TOH for Logs; 9/25/11 RTD. 4870' / LTD. 4866' - Running 5 1/2" Production Casing.

Set 8 5/8" (24#) Surface Casing at 562' w/350 sx. cement(Allied Cementing Co.). Cement did Circulate. PD. 7:00 AM. 9/14/11.

Set new 5 1/2"(15.5#) Production Casing at 4864'. Cement with 200 sx. "Strata Blend" cement(Basic Energy Services). PD. 10:30 AM. on 9/25/11.

Surveys: 0.25 Deg. at 567'(Surface Casing); 0.75 Deg. at 4208'(DST #1); 0.75 Deg. at 4758'(DST #3); 1.50 Deg. at 4870' RTD.

Pipe Strap for DST #1: Strap 0.10' Short to the Board, no correction made to the Board.

During Rig Service at 4164', the drawworks engine would not restart. Subsequently, the drillpipe became stuck. 50 Bbl. of oil was spotted on bottom, which freed the pipe and drilling operations resumed. The Gas Detector was affected by the oil in the mud system, resulting in a relatively high gas background/erratic gas readings throughout the remainder of the well.

After review of the Halliburton Logs, DST data, structural position, and lease situation, the operator elected to set new 5 1/2" Production Casing for completion in the Kinderhook Sand and Mississippi Chert zones. Prior to abandonment of the well, the KC. 'I' zone should be perforated and tested from 4392' - 4396', and the Lansing 'A' zone should also be tested from 4190' - 4194'(Log depths).

LOG TOPS: Chase 2421(-226), Stotler Lmst. 3378(-1183), Howard 3579(-1384), Heebner Shale 4026(-1831), Toronto 4040(-1845), Brown Lmst. 4174(-1979), Lansing 'A' 4184(-1989), L/KC 'H' 4341(-2146), KC 'I' 4390(-2195), Swope 4481(-2286), Hertha 4537(-2342), Base Kansas City 4570(-2375), Marmaton 4612(-2417), Pawnee 4660(-2465), Cherokee Shale 4694(-2499), Miss. Chert 4733(-2538), Kinderhook Shale 4757(-2562), Kinderhook Sand 4786(-2591), Viola 4854(-2659).

NOTE: This log was shifted upward by 3-4' for correlation purposes with the Halliburton LOGS.

ROCK TYPES

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

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecrefrag
- 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

STRINGER

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

- Sltstrg
- Ssstrg

TEXTURE

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

OTHER SYMBOLS

POROSITY

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

- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

- Spotted
- Ques
- Dead

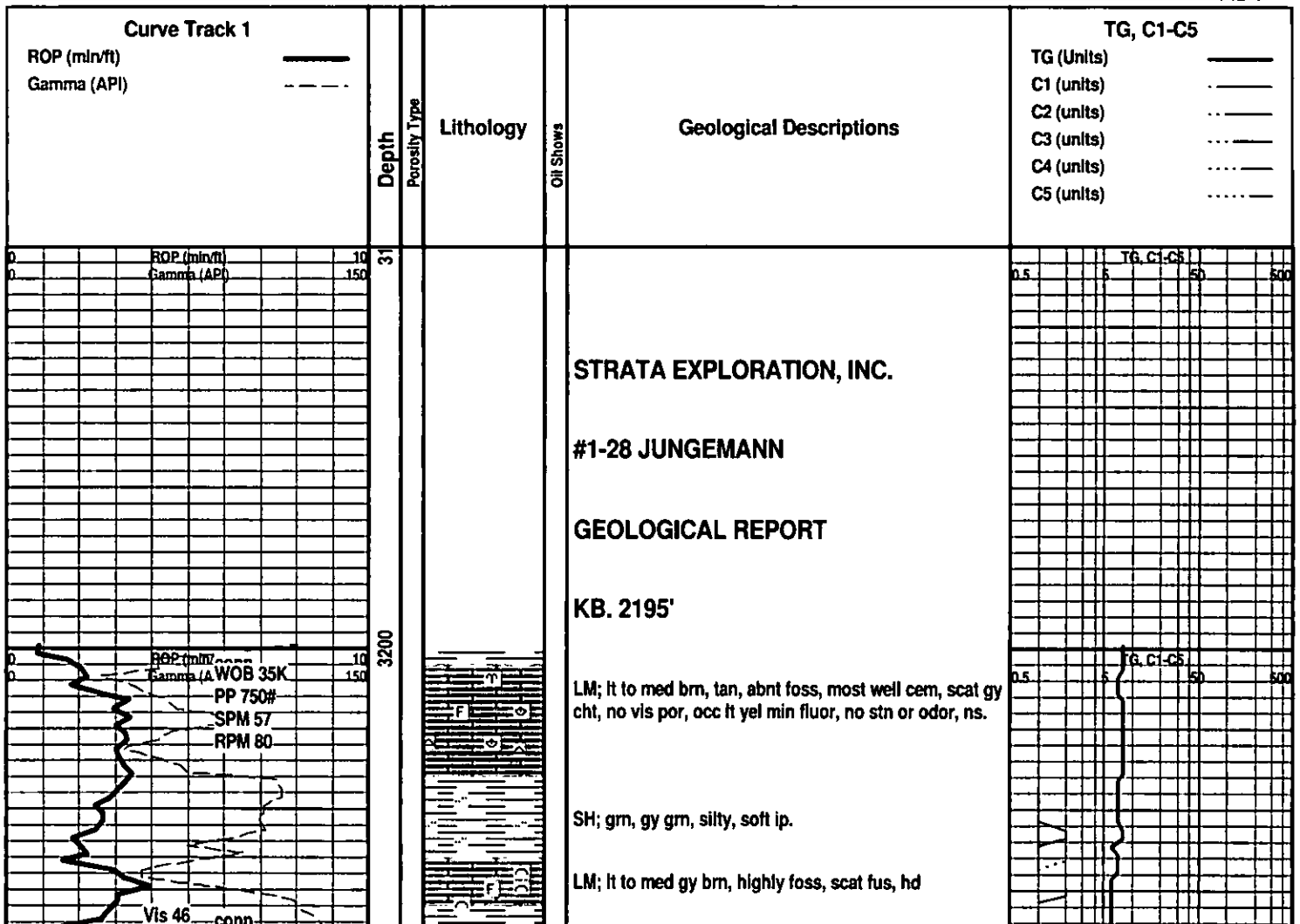
EVENT

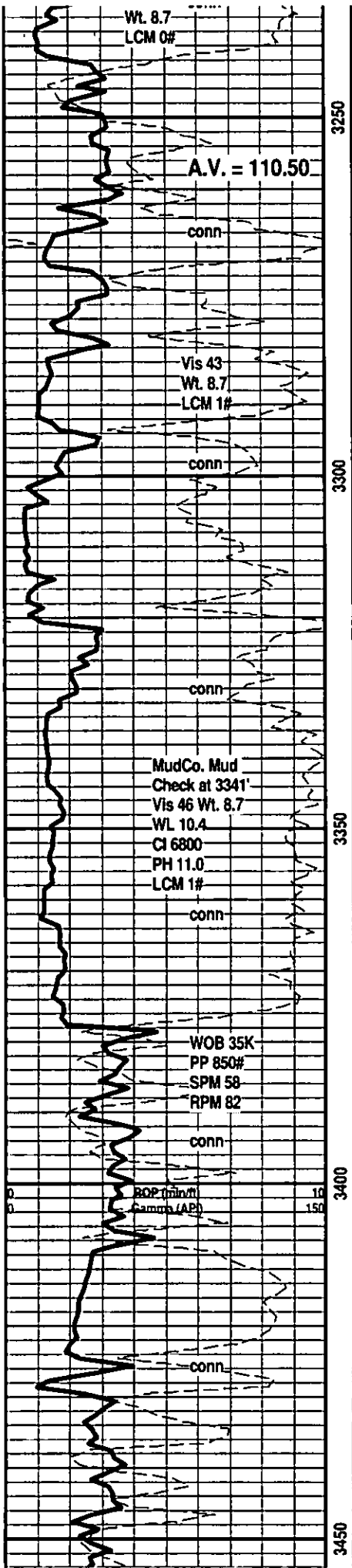
- Rft
- Sidewall

INTERVAL

- Core
- Dst

- OIL SHOW
- Even





SH; lt to med gy, silty to sandy, firm to soft

WABAUNSEE 3242(-1047)

LM; med gy brn, med brn, dense, blocky, scat well cem foss mat, occ lt yel min fluor, no stn or odor, no gas kick, ns.

LM; off wh, tan, buff, foss, well cem, lt to occ med yel min fluor, minor chalky soft mtx, ns.

SH; med to dk gy, pyr ip, firm

LM; off wh to tan, lt brn, most dense, scat well cem foss, interbdd gy to dk gy gm occ silty shales, ns.

SH; med gy to gy gm, silty, interbdd sltst, soft

LM; med to dk brn, hd, foss ip, tite

LANGDON SS 3300(-1105)

SS; lt gy, clr, pale gm, most f gr qtz, clusters, fri, gd intergran por, glau, rarely mica, some "salt and pepper gr", most well srt, subang - submd, no stn or odor, no gas kick, barren, ns.

SS; brn, rust/brn, shaly ip, firm, most fri clusters, soft, no fluor, no stn or odor, ns.

SH; med gy, fiss, interbdd hd gy lmy ss

SH; most med gy, firm, occ silty

SH; med to dk gy, rare gy gm, fiss - platy, occ silty

SH; med gy to gm, firm, lmy ip, occ pyr

STOTLER LMST. 3378(-1183)

LM; med to dk brn, gy brn, v. foss, abnt fus, well cem, dull yel min fluor, no stn, ns.

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

LM; tan to cream, off wh, fdn, foss, most well cem, blocky, no vis por, dull to lt yel fluor, no stn or odor, no gas kick, ns.

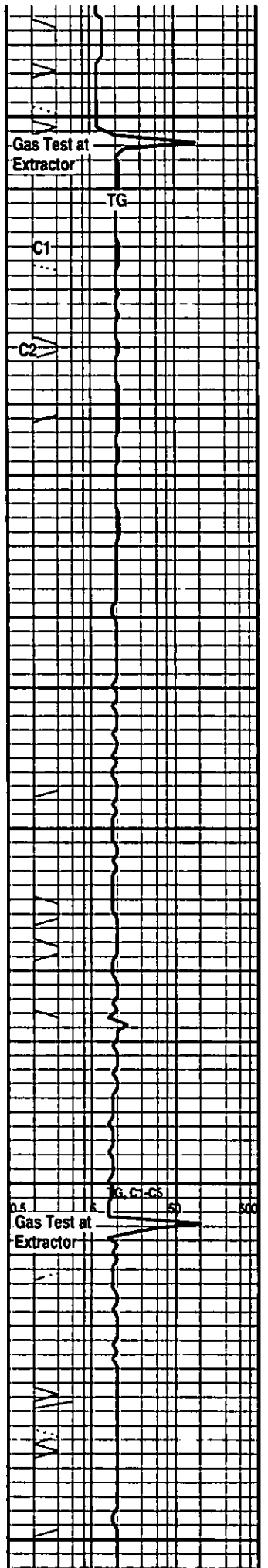
LM; med gy, v. hd, micritic, tite

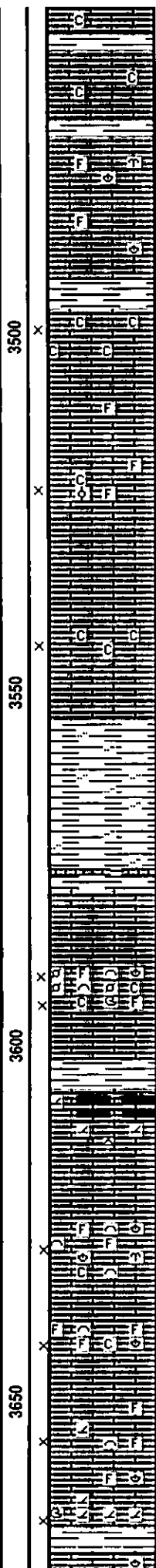
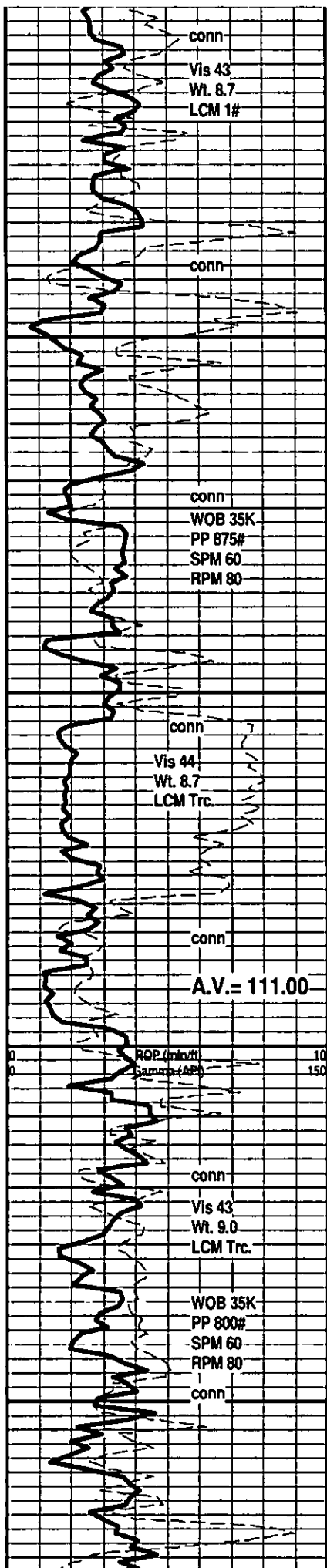
SH; med gy, gm, occ pyr, firm, lmy ip.

LM; med to dk brn, hd, pyr, occ foss

SH; med gy, firm, platy

LM; off wh, tan to buff, foss - med xdn, scat finely pelletal to fus. lmst, lt yel fluor, no stn or odor, no gas kick, ns.





LM; off wh, cream, rare lt gy, minor soft chalky mtx, no vis por, no stn, ns.

LM; med gy, gy brn, scat well cem foss, spotted to even lt yel fluor, no vis por, no stn or gas kick, ns,

SH; lt gy to gm, soft, flakey

LM; off wh, f to med xln, gd interxn por, soft chalky mtx ip, lt yel fluor, no stn, no gas kick, ns.

LM; lt gy, gy brn, gran - cse xln, scat foss mat, fair interxn/interpart por, dull yel min fluor, no stn or odor, ns.

LM; tan to off wh, fxdn, fair interxn por, soft chalky mtx, lt yel fluor, no stn or odor, no gas kick, ns.

SH; med gy to gm, fiss - flakey, soft ip, occ silty

SH; med gy, silty ip, firm

HOWARD 3579(-1384)
LM; med brn, dense, micritic, tite

LM; wh to off wh, fxdn, abnt foss mat, soft, gd interpart and interxn por, minor soft chalky mtx, med yel min fluor, no stn or odor, no gas kick, ns.

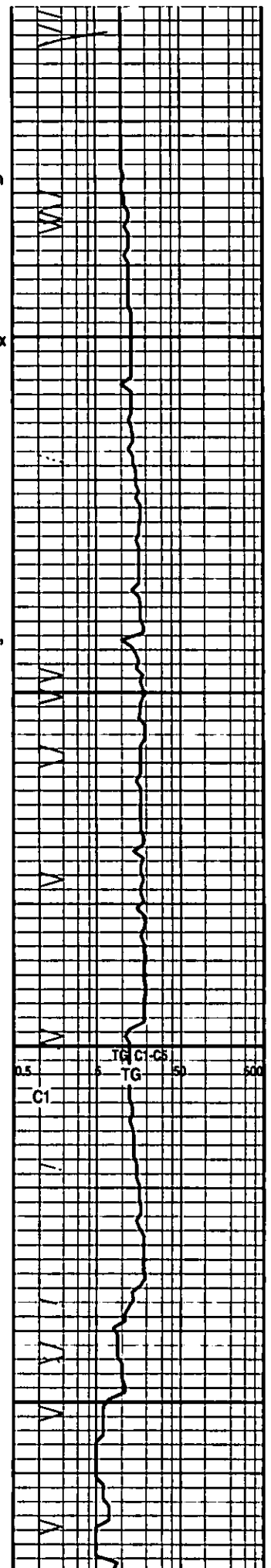
SH; med to dk gy, firm

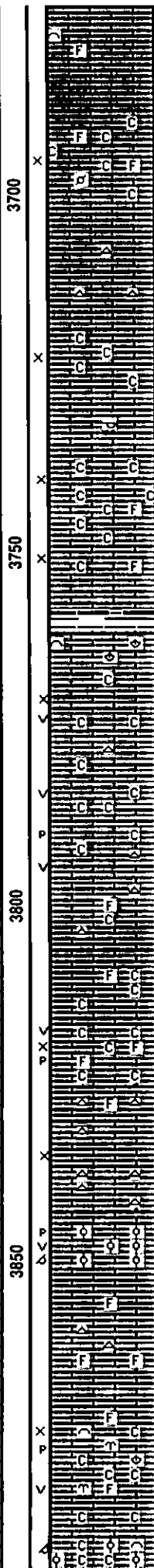
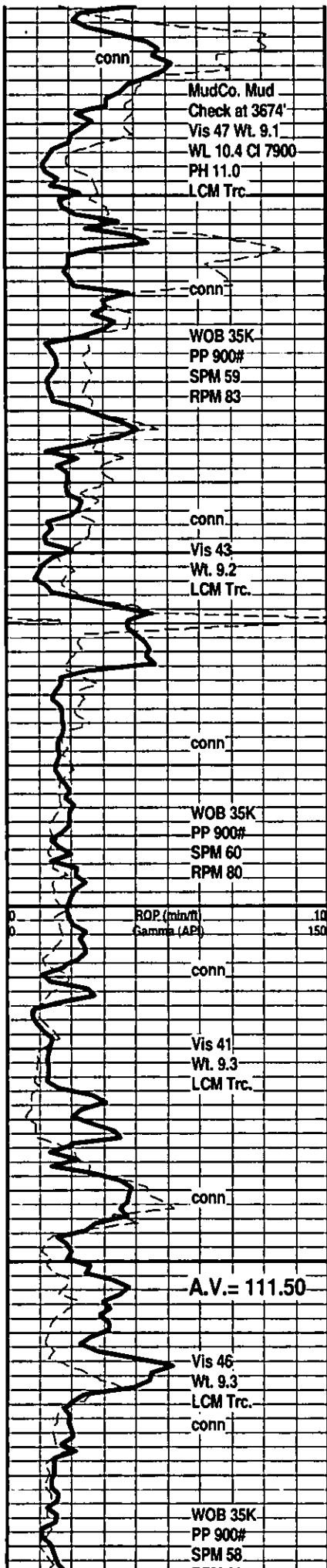
LM; tan to lt brn, buff, fxdn to sucrosic, interbdd dolo/dolo. Imst, no vis por, trc wh cht, lt yel fluor, no stn or odor, ns.

LM; tan to cream, off wh, highly foss, much foss hash, fair interpart por, minor soft chalky mtx, dull yel min fluor, no stn or odor, ns.

LM; tan to lt brn, fxdn w/scat sucrosic text, scat foss mat, fair interxn /interpart por, dull yel min fluor only, no stn or odor, ns.

SH; dk gy, firm, platy
TOPEKA 3671(-1476)





LM; med to dk brn, foss lp, hd, tite

LM; off wh, wh, tan, f to med xln, fair to gd interxdn por, scat foss mat, chalky mtx ip, dull yel to no fluor, no stn, ns.

LM; lt brn, tan, off wh, fxdn, occ soft chalky mtx, fair interxdn por, no stn, no gas kick, ns.

LM; tan to off wh, med to cse xln, gran text ip, gd interxdn por, occ soft chalky mtx, dull yel min fluor only, no stn or odor, ns.

SH; dk gy, trc blk, platy

LM; med brn, gy brn, hd, foss, tite

LM; tan to off wh, buff, f to med xln, fair to poor vis interxdn and small vug por, soft chalky mtx, rare gy foss cht, no fluor, no stn or odor, ns.

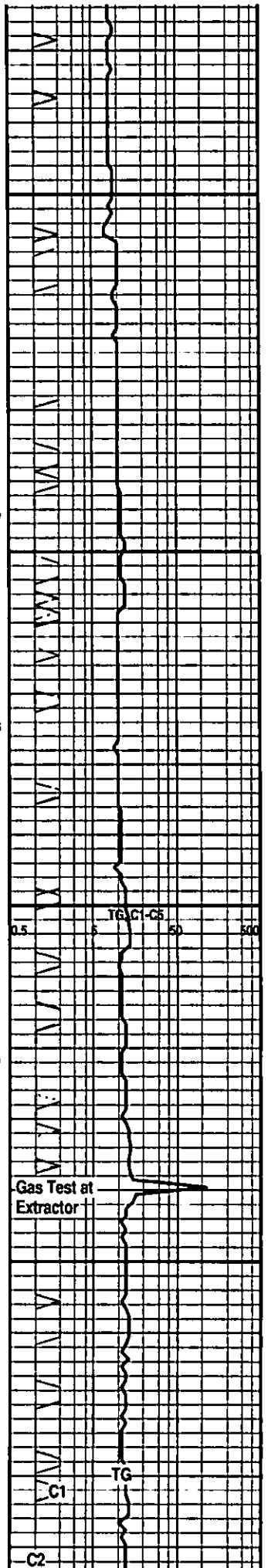
LM; tan to lt brn, med to occ cse xln, gran text ip, fair p-p and small vug por, minor chalky mtx, dull yel fluor, no stn, ns.

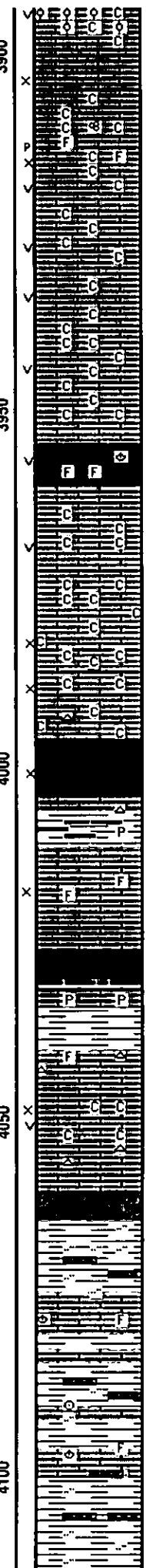
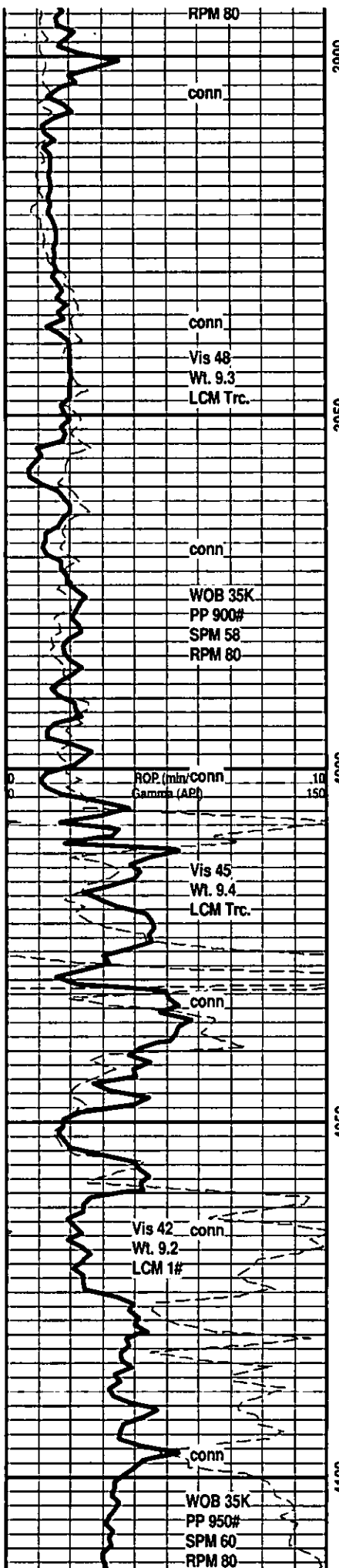
LM; off wh, cream, wh, f to med xln, rarely foss, fair to gd interxdn w/p-p and small vug por, occ chalky mtx, no fluor, no stn or odor, ns.

LM; off wh, foss - oolitic, poor to fair oomoldic por, fair/gd p-p and vug por, lt yel fluor, no gas kick, ns.

LM; lt gy brn, lt brn, wh, med xln, scat foss mat, fair to gd vis interxdn w/scat p-p / vug por, much soft chalky mtx, lt yel min fluor, no stn or odor, no gas kick, ns.

LM; tan to lt brn, buff, med to cse xln, foss, interbdd





oolitic lmst, fair interxn w/scat oomoldic por, chalky lp, lt yel min fluor, ns.

LM; tan to lt brn, buff, med xln, foss lp, fair interxn w/scat vug por, chalky mtx, no stn or odor, ns.

LM; tan to buff, off wh, f to med xln to gran text, fair vug por, much soft chalky mtx, dull yel fluor, no stn, ns.

DOL; tan to lt brn, sucrosic to finely rhombic, well dev. vug por, soft, lt yel min fluor, no stn or odor, foss lp, ns.

LM; tan to off wh, lt brn, med xln, scat cse opaque spar calc xtals, poor to fair interxn por, v. chalky w/much pure chalk, ns.

DOL; tan to lt brn, sucrosic to finely rhombic, lmy w/interbdd dolo. lmst, occ fair interxn por, chalky lp, lt yel min fluor, no stn vis, no odor, ns.

SH; dk gy to blk, platy, occ pyr

LM; tan to buff, lt brn, fxln, scat foss mat, poor vis interxn por, trc p-p por, dull yel min fluor, ns.

HEEBNER SHALE 4026(-1831)
SH; blk, carb lp, blocky to soft
LM; med brn, hd, micritic, occ pyr

TORONTO 4040(-1845)
LM; wh to off wh, foss, hd, occ wh/off wh cht

LM; wh, off wh, lt gy, med xln, fair vug and interxn por, chalky lp, dull yel min fluor, scat off wh cht, no stn or odor, no gas kick, ns.

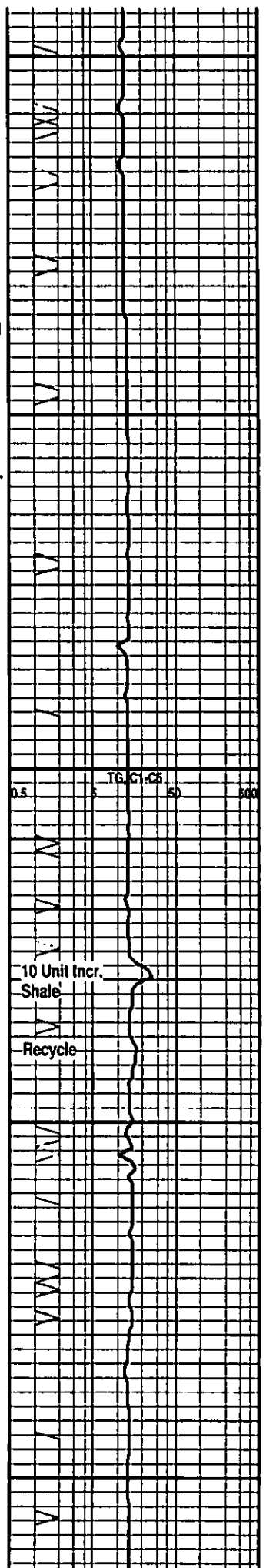
DOUGLAS SHALE 4060(-1865)
SH; lt gy, silty w/interbdd sltst, soft

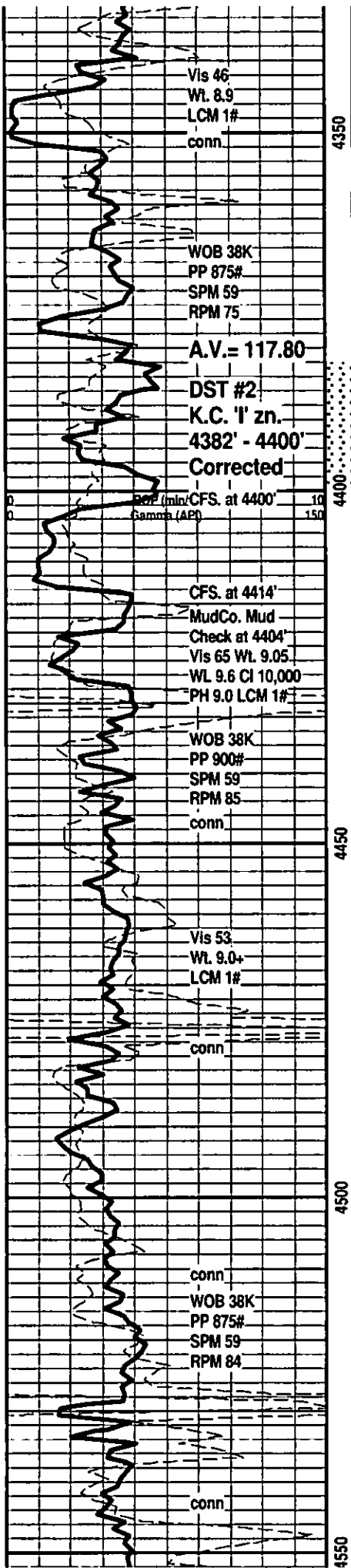
LM; med brn, foss lp, blocky, no vis por, dull to lt yel min fluor, no stn, ns.

SH; lt gy, pale gr gm, firm, occ mica sltst.

LM; med gy brn, hd, foss lp, tite

SH; lt to med gy, firm, occ silty w/ interbdd sltst.





Vis 46
Wt. 8.9
LCM 1#
conn

WOB 38K
PP 875#
SPM 59
RPM 75

A.V. = 117.80

DST #2
K.C. 'I' zn.
4382' - 4400'
Corrected

Ref. (min) CFS. at 4400' 10
Gamma (API) 150

CFS. at 4414'
MudCo. Mud
Check at 4404'
Vis 65 Wt. 9.05
WL 9.6 Cl 10,000
PH 9.0 LCM 1#

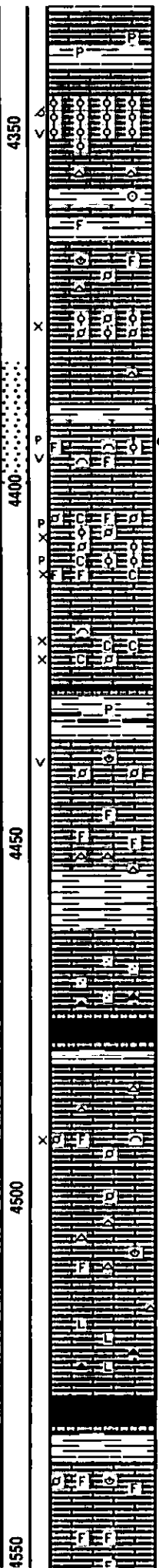
WOB 38K
PP 900#
SPM 59
RPM 85
conn

Vis 53
Wt. 9.0+
LCM 1#

conn

conn
WOB 38K
PP 875#
SPM 59
RPM 84

conn



LM; med to dk brn, foss, hd, pyr ip.

LANS/KC. 'H' 4341(-2146)

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

LM; lt to med brn, hd, micritic, scat gy to off wh cht, tite

SH; med gy, foss ip, firm

LM; tan to buff, lt brn, most dense, scat well cem foss, hd, occ cherty, no vis por, ns.

LM; off wh, foss-finely pelletal, scat ooids, soft, fair interpart por, lt yel min fluor, no stn, ns.

K.C. 'I' 4390(-2195)

LM; lt gy, tan, foss/gran, gd p-p w/some small vug/honeycomb por, brite yel fluor, gd odor, SSFO(light oil), few gas bubbles, fair to gd cut

DST #2: K.C. 'I' 4382' - 4400' (Corrected Depths to LOG)

LM; tan to off wh, buff, highly foss - finely pelletal to oolitic, well dev. p-p and interpart por, minor chalky mtx, no odor, dull yel fluor, no vis stn, no cut, ns.

LM; off wh, buff, med xdn, scat foss mat, fair interxtn por, soft chalky mtx, dull yel min fluor, occ wh cht, no stn odor, ns.

SH; dk gy to blk, platy, firm, occ pyr

K.C. 'J' DENNIS 4435(-2240)

LM; tan to lt brn, foss ip, most well cem, scat fair to poor vug por, dull yel fluor, no vis stn, no odor, no gas kick, ns.

LM; tan to lt brn, scat foss, most dense - micritic, blocky, occ lt gy fresh cht, no vis por, no stn or odor, ns.

SH; med gy to gy gm, platy, smooth

LM; med brn to med gy, hd, gritty to sandy text ip, scat dk gy to smoky cht, no vis por, ns.

STARK SHALE 4475(-2280)

SH; blk, carb ip, platy

SWOPE 4481(-2286)

LM; lt gy to lt brn, fxdn, scat foss mat, poor interpart por, occ gy cht, lt yel min fluor, no stn or odor, no gas kick, ns.

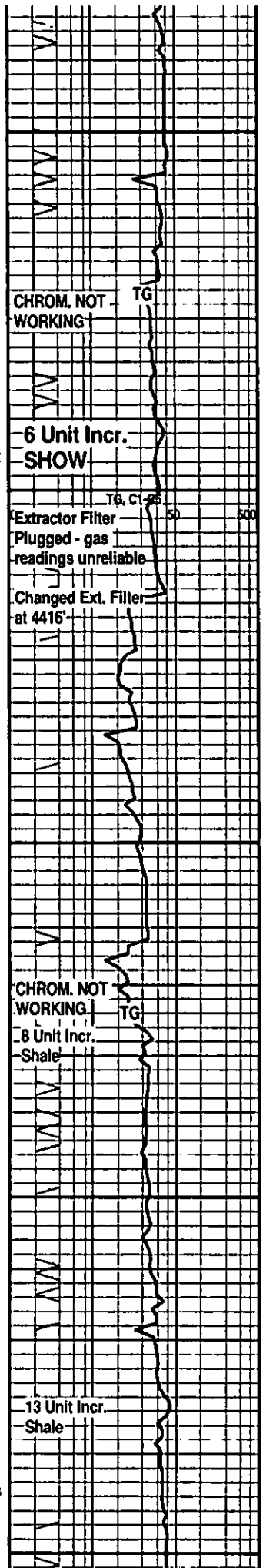
LM; tan to buff, off wh, fxdn, occ foss, well cem, scat off wh to lt gy cht, no vis por, no stn or odor, ns.

LM; lt to med brn, most dense, micritic to litho, hd, occ smokey/dk gy cht, ns.

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

HERTHA 4537(-2342)

LM; tan to lt brn, buff, foss ip, most well cem, hd, no vis por, no stn or odor, ns.



CHROM. NOT WORKING

6 Unit Incr. SHOW

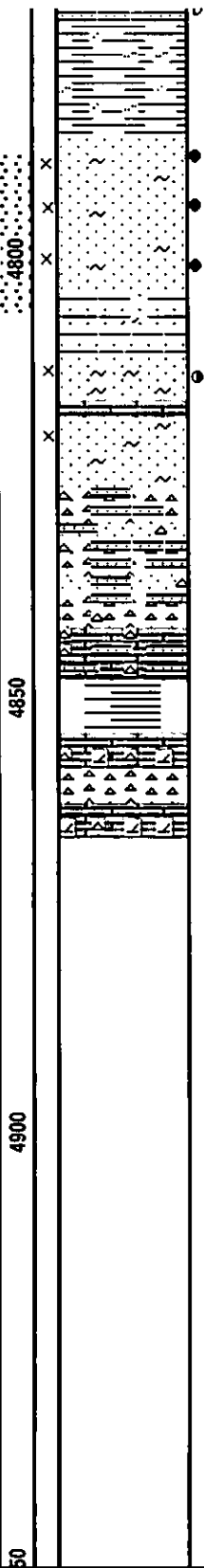
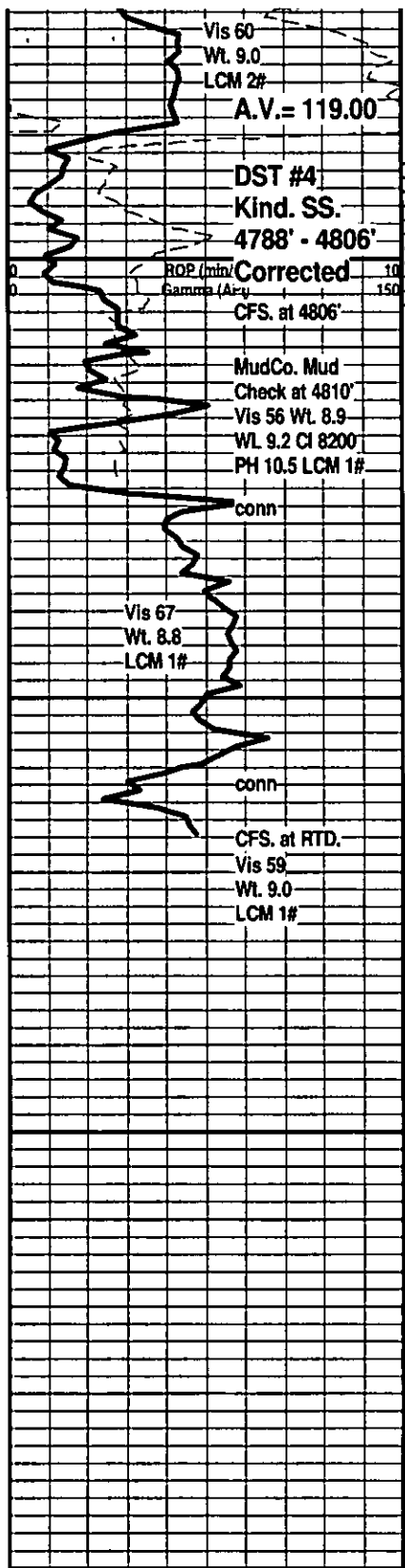
Extractor Filter Plugged - gas readings unreliable

Changed Ext. Filter at 4416'

CHROM. NOT WORKING

8 Unit Incr. Shale

13 Unit Incr. Shale



SH; med gy, rare brite sea gm, waxy lp, firm, occ silty to sandy

KINDERHOOK SS 4786(-2591)
 SS; lt gy, lt/med brn(oil stn), f gr qtz, well srt, fri clusters, fair/gd intergran por, even med brn llve oil str/occ blk tarry dead oil flakes, gd odor, brite yel fluor, SFO, strm cut, occ oil saturation, few gas bubbles, slow HCL reaction, occ glau
 SS; lt brn, f gr qtz, well srt, most w/even med brn stn, SFO, gd odor, trc gas, fair intergran por, brite yel fluor, rare glau, trc wh unstained ss

DST #4: Kinderhook SS 4788' - 4806'
Corrected Depths to LOG
 SS; wh, pale gm, f gr qtz, soft lp, gd intergran por, scat glau, fri, no stn or odor, no gas kick, barren, ns.

CHT and SS; wh, off wh, hd - sharp, siliceous dense ss and cht, tite, no stn or odor, ns.

LM; med gy, gy brn, sandy, hard, occ well cem ss, dense

SH; gm, waxy lp, soft varic rust/red, washes red

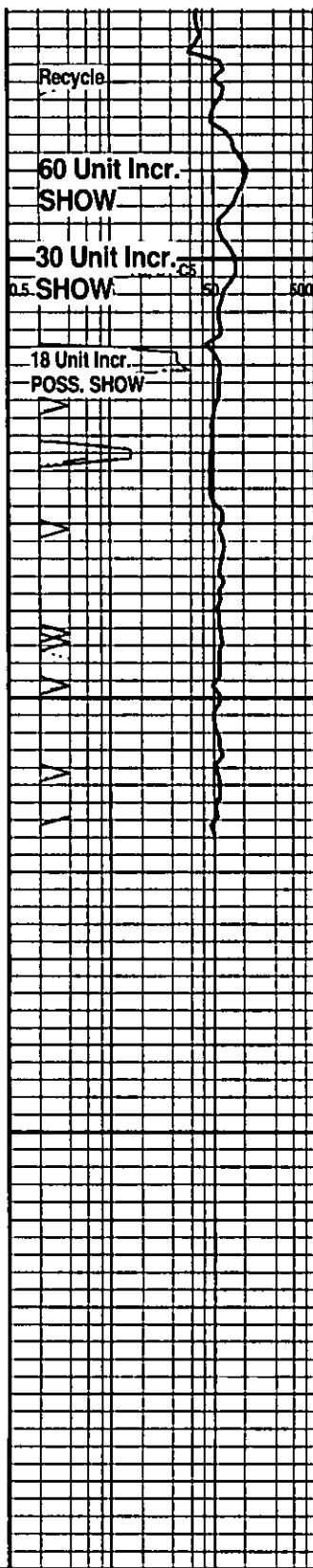
VIOLA 4854(-2659)
 LM; med brn, gritty, dolomitic, interbdd varic hd fresh cht, red, yel, off wh, dove gy, no vis por, ns.

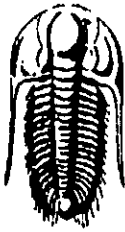
RTD. 4870' at 4:50 AM. 9/24/11

LTD. 4866'

Halliburton DIL, NEU/DEN, Microlog, MIRL

NOTE: This log shifted upward by 3' to 4' for correlation purposes with the Halliburton LOGS.





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43969

DST#: 1

ATTN: Jon Christensen

Test Start: 2011.09.19 @ 21:27:28

GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 23:40:28

Time Test Ended: 04:25:58

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Gary Pevoteaux**

Unit No: **56**

Interval: **4191.00 ft (KB) To 4208.00 ft (KB) (TVD)**

Reference Elevations: **2195.00 ft (KB)**

Total Depth: **4208.00 ft (KB) (TVD)**

2184.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **11.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **45.22 psig @ 4192.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.09.19**

End Date:

2011.09.20

Last Calib.: **2011.09.20**

Start Time: **21:27:33**

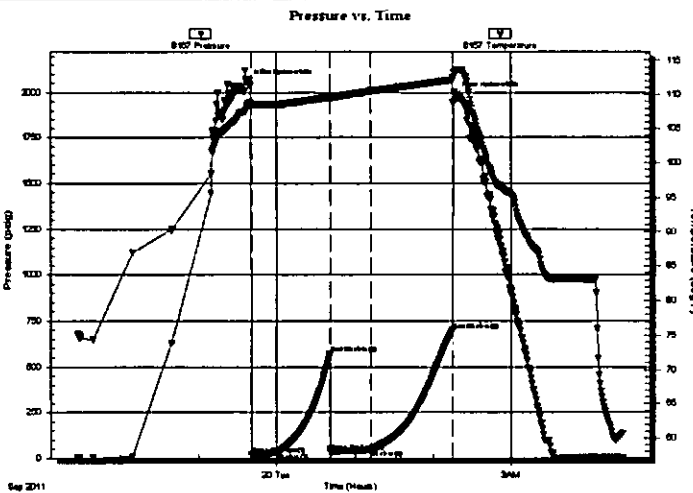
End Time:

04:25:57

Time On Btm: **2011.09.19 @ 23:37:43**

Time Off Btm: **2011.09.20 @ 02:17:13**

TEST COMMENT: IF:Fair blow . 5 - 13".
IS:No blow .
FF:Weak blow . Slow increase to 5 1/2".
FS:No blow .



PRESSURE SUMMARY

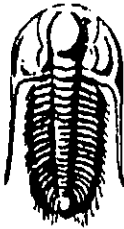
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.51	108.58	Initial Hydro-static
3	18.84	108.56	Open To Flow (1)
23	29.77	108.63	Shut-In(1)
63	571.38	109.75	End Shut-In(1)
64	33.81	109.67	Open To Flow (2)
95	45.22	110.53	Shut-In(2)
158	698.91	112.19	End Shut-In(2)
160	1983.02	113.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 4%o 96% m	0.30
0.00	180 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.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43969

DST#: 1

ATTN: Jon Christensen

Test Start: 2011.09.19 @ 21:27:28

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:

6700 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	SOCM 4%o 96%m	0.295
0.00	180 ft.of GIP	0.000

Total Length: 60.00 ft

Total Volume: 0.295 bbf

Num Fluid Samples: 0

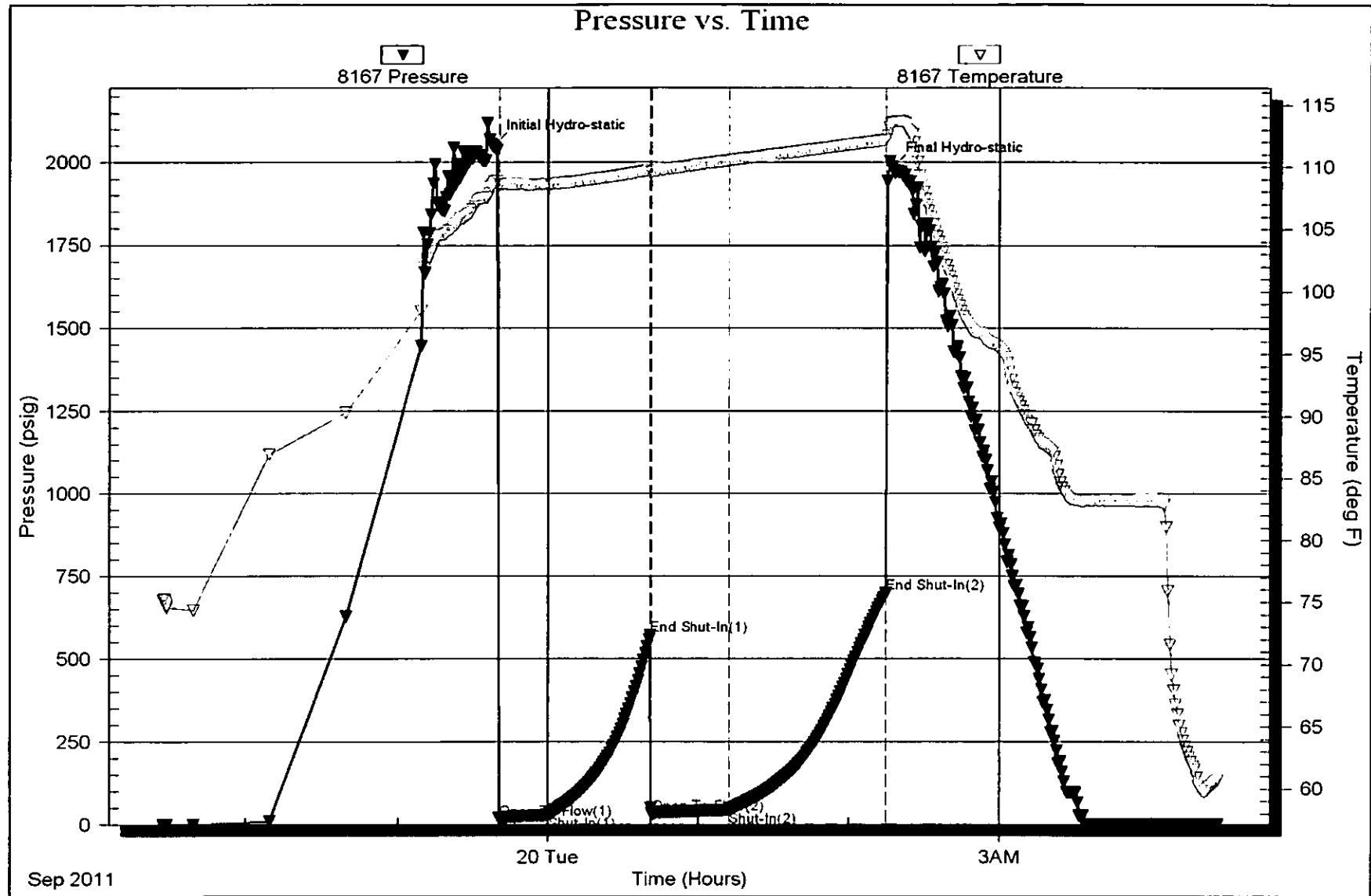
Num Gas Bombs: 0

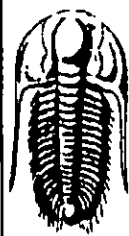
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43970

DST#: 2

ATTN: Jon Christensen

Test Start: 2011.09.20 @ 22:53:46

GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:10:31

Time Test Ended: 06:24:01

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Gary Pevoteaux**

Unit No: **56**

Interval: **4386.00 ft (KB) To 4404.00 ft (KB) (TVD)**

Reference Elevations: **2195.00 ft (KB)**

Total Depth: **4404.00 ft (KB) (TVD)**

2184.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **11.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **37.48 psig @ 4387.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.09.20**

End Date:

2011.09.21

Last Calib.: **2011.09.21**

Start Time: **22:53:51**

End Time:

06:24:00

Time On Btm: **2011.09.21 @ 01:08:46**

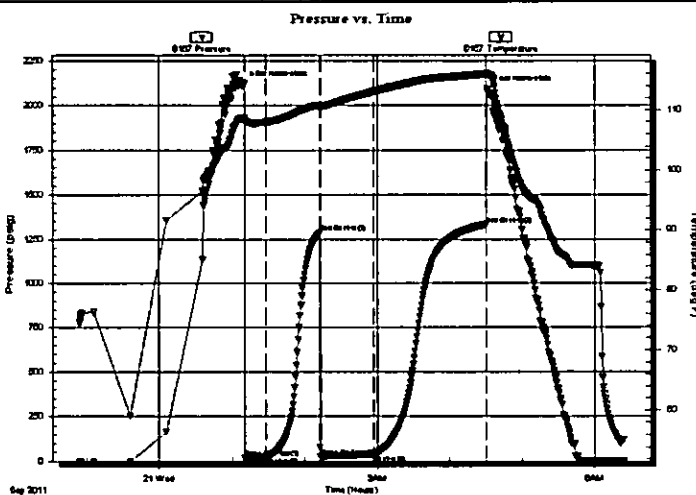
Time Off Btm: **2011.09.21 @ 04:31:16**

TEST COMMENT: IF:Weak blow . 1/4 - 1 1/4".

IS:No blow .

FF:Weak to fair blow . 1/2 - 5 1/2".

FS:No blow .



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2114.06	108.63	Initial Hydro-static
2	18.15	108.12	Open To Flow (1)
19	25.31	107.96	Shut-In(1)
64	1286.19	110.82	End Shut-In(1)
65	25.92	110.58	Open To Flow (2)
109	37.48	113.08	Shut-In(2)
201	1331.05	115.89	End Shut-In(2)
203	2086.91	115.87	Final Hydro-static

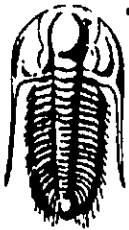
Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 2%o 98%rm	0.15
0.00	150 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43970

OST#: 2

ATTN: Jon Christensen

Test Start: 2011.09.20 @ 22:53:46

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:

9800 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: 0.00 ohm.m

Salinity: 9800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM 2%o 98%m	0.148
0.00	150 ft.of GP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

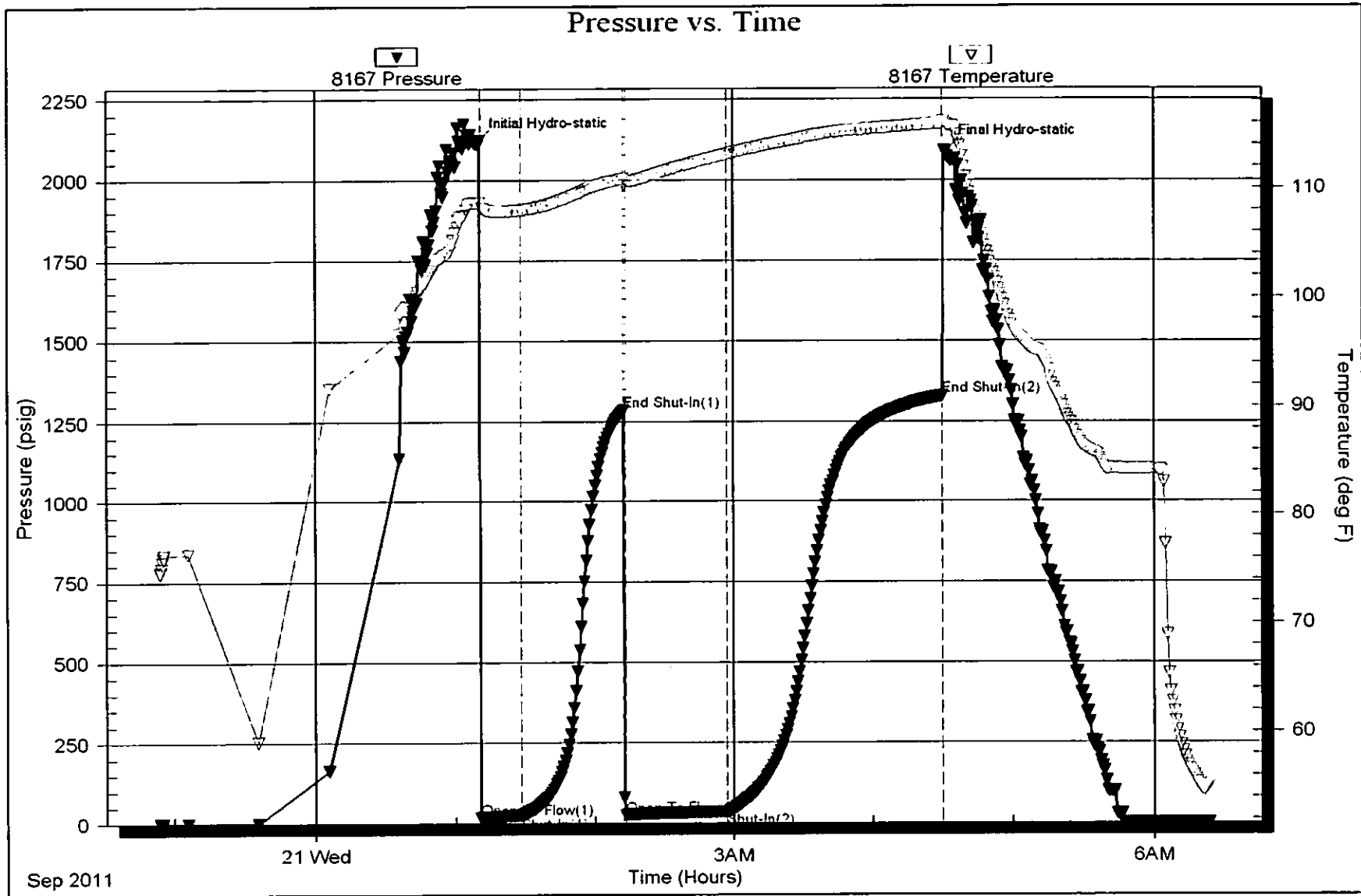
Num Gas Bombs: 0

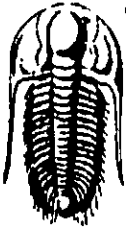
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43971

DST#: 3

ATTN: Jon Christensen

Test Start: 2011.09.22 @ 16:52:58

GENERAL INFORMATION:

Formation: **Cherokee/Miss.**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 19:21:43

Time Test Ended: 00:58:13

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Gary Pevoteaux**

Unit No: **56**

Interval: **4722.00 ft (KB) To 4758.00 ft (KB) (TVD)**

Reference Elevations: **2195.00 ft (KB)**

Total Depth: **4758.00 ft (KB) (TVD)**

2184.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

KB to GR/CF: **11.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **27.38 psig @ 4723.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.09.22**

End Date:

2011.09.23

Last Calib.:

2011.09.23

Start Time: **16:53:03**

End Time:

00:58:12

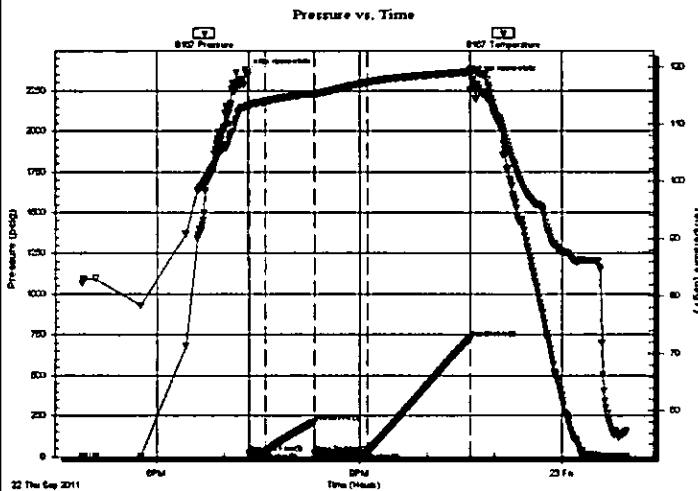
Time On Btm:

2011.09.22 @ 19:19:43

Time Off Btm:

2011.09.22 @ 22:40:28

TEST COMMENT: IF:Weak to fair blow . Increase to 10".
IS:No blow .
FF:Fair to strong blow . B.O.B. in 23 mins.
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2359.70	113.07	Initial Hydro-static
2	21.19	112.75	Open To Flow (1)
17	25.34	113.96	Shut-In(1)
60	212.56	115.35	End Shut-In(1)
61	22.23	115.32	Open To Flow (2)
108	27.38	117.27	Shut-In(2)
199	726.47	119.11	End Shut-In(2)
201	2319.48	119.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud w a few o specs	0.17
0.00	340 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43971

DST#: 3

ATTN: Jon Christensen

Test Start: 2011.09.22 @ 16:52:58

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:

6900 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	Mud w a few o specs	0.172
0.00	340 ft.of GIP	0.000

Total Length: 35.00 ft

Total Volume: 0.172 bbl

Num Fluid Samples: 0

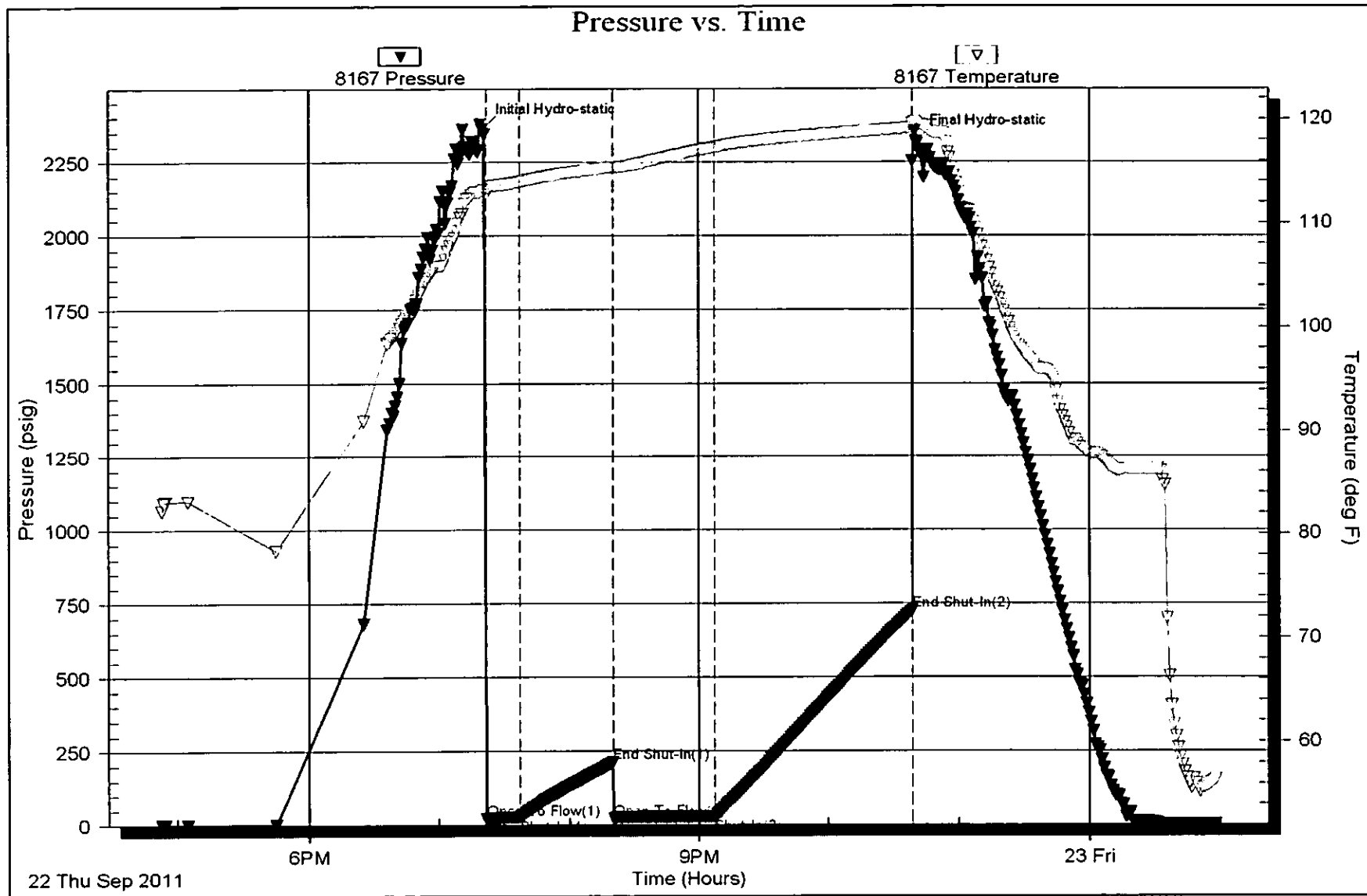
Num Gas Bombs: 0

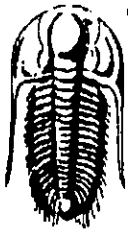
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43972

DST#: 4

ATTN: Jon Christensen

Test Start: 2011.09.23 @ 12:15:46

GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 14:08:46

Time Test Ended: 20:07:46

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Gary Pevoteaux**

Unit No: **56**

Interval: **4792.00 ft (KB) To 4810.00 ft (KB) (TVD)**

Reference Elevations: **2195.00 ft (KB)**

Total Depth: **4810.00 ft (KB) (TVD)**

2184.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

KB to GR/CF: **11.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **30.40 psig @ 4793.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.09.23**

End Date:

2011.09.23

Last Calib.:

2011.09.23

Start Time: **12:15:51**

End Time:

20:07:45

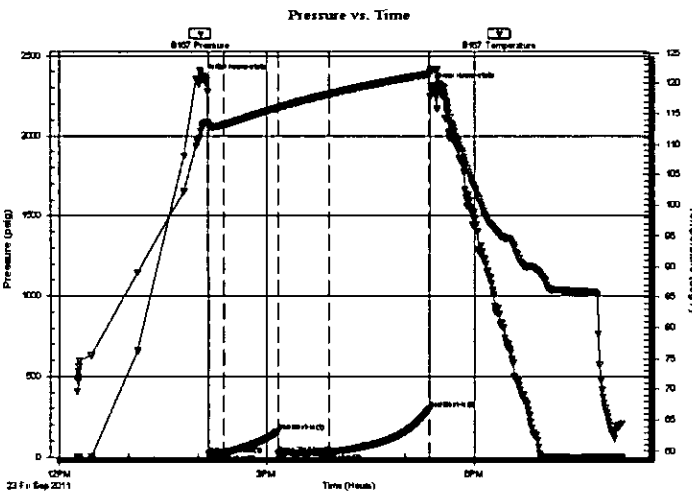
Time On Btm:

2011.09.23 @ 14:04:16

Time Off Btm:

2011.09.23 @ 17:22:31

TEST COMMENT: IF:Weak blow . 1/2 - 2".
IS:No blow .
FF:Weak blow . 1 - 2 1/2".
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.67	113.20	Initial Hydro-static
5	19.31	112.98	Open To Flow (1)
19	23.79	113.17	Shut-In(1)
66	159.58	116.01	End Shut-In(1)
66	23.28	116.00	Open To Flow (2)
110	30.40	118.22	Shut-In(2)
197	297.09	121.54	End Shut-In(2)
199	2310.02	122.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM <1%o 99% m/clean oil@top of tool	0.30
0.00	95 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Jungemann#1-28

P.O.Box 401
Fairfield IL62837

28-27s-18w Kiowa Ks.

Job Ticket: 43972

DST#: 4

ATTN: Jon Christensen

Test Start: 2011.09.23 @ 12:15:46

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:

8200 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCM <1%o 99%m /clean oil@top of tool	0.295
0.00	95 ft.of GIP	0.000

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

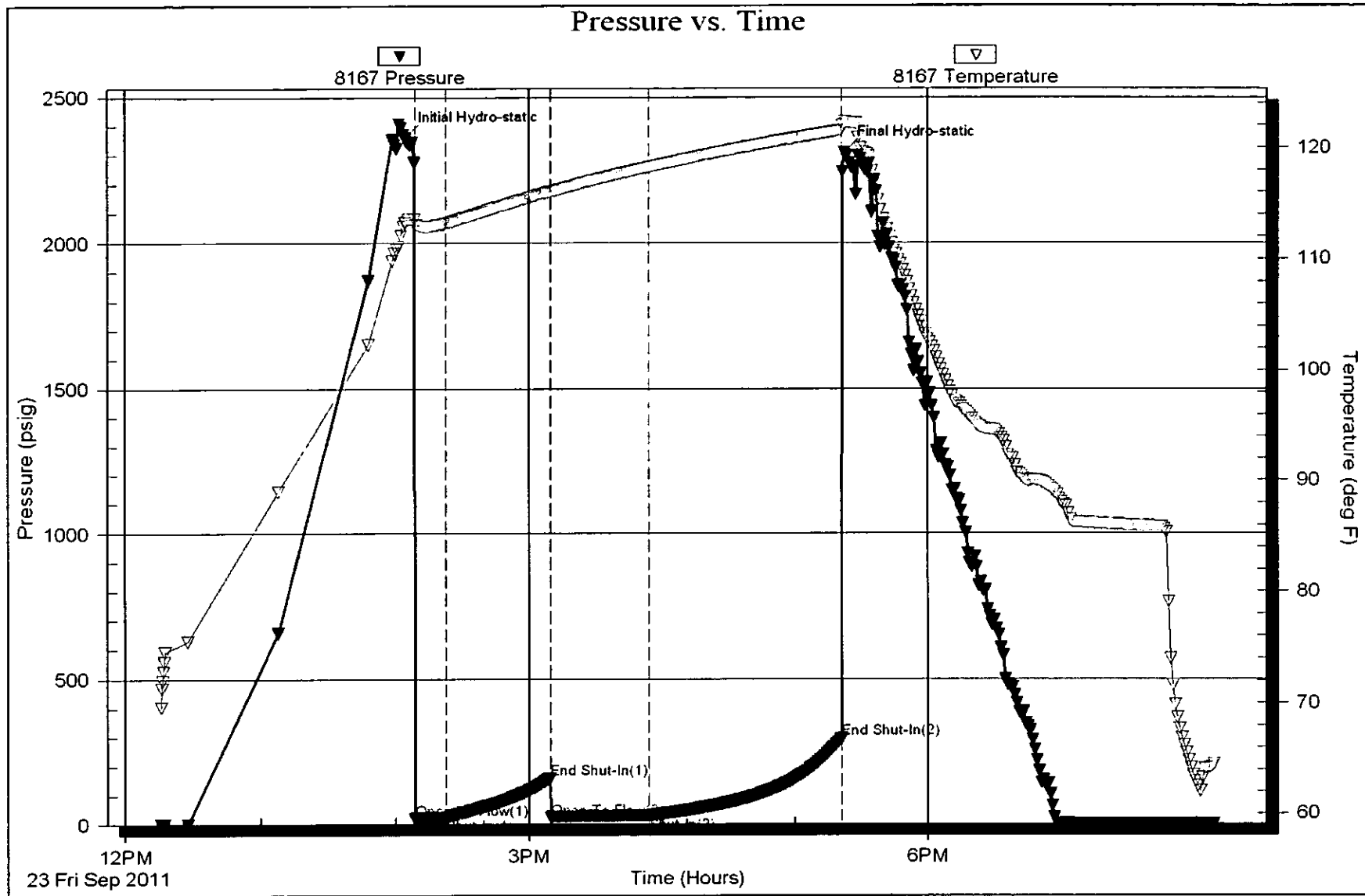
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



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

February 13, 2012

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

Re: ACO-1
API 15-097-21707-00-00
Jungemann 1-28
NE/4 Sec.28-27S-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 09/14/2011 and the ACO-1 was received on February 13, 2012 (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

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

February 13, 2012

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

Re: ACO1
API 15-097-21707-00-00
Jungemann 1-28
NE/4 Sec.28-27S-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