



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: _____



1062691

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	ANTHONY 5-34
Doc ID	1062691

Tops

Name	Top	Datum
TOPEKA	3606	-1399
HEEBNER	4041	-1834
DOUGLAS	4078	-1871
LANSING	4204	-1997
LANSING B	4232	-2025
STARK SHALE	4502	-2295
BASE KANSAS CITY	4588	-2381
PAWNEE	4685	-2478
CHEROKEE	4722	-2515
KINDERHOOK SH	4784	-2577
LOWER KIND SAND	4809	-2602
VIOLA	4874	-2667
SIMPSON	5074	-2867
ARBUCKLE	5174	-2967

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	ANTHONY 5-34
Doc ID	1062691

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Tyep and Percent Additives
SURFACE	12.25	8.625	24	480	A-CONN	175	
SURFACE - CONT	12.25	8.625	24	480	COMMON	175	Gel, CC, CF
PRODUC TION	7.875	5.5	15.5	5227	A SERV LITE	200	
PRODUC TION - CONT	7.875	5.5	15.5	5227	AA-2	150	Salt, CF, Gilsonite



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 04689 A

DATE _____ TICKET NO. _____

DATE OF JOB: 8-15-2011		DISTRICT: PRATT, Ks.		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/>		WDW <input type="checkbox"/> CUSTOMER ORDER NO.:	
CUSTOMER: LID DRILLING, INC.				LEASE: ANTHONY				WELL NO.: 5-34	
ADDRESS:				COUNTY: KIOWA		STATE: Ks.			
CITY:		STATE:		SERVICE CREW: LESLEY, LAWRENCE, MCGRAW					
AUTHORIZED BY: LID DAVIS				JOB TYPE: CNW - 8 5/8" S.P.					

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19870	1.5						8-15-11	AM	2:00
19889-19842	1.5							AM	4:30
19959-21010	1.5							AM	7:00
								AM	8:30
								AM	9:00
						RELEASED		AM	9:00
						MILES FROM STATION TO WELL: 30			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-COMBLEND	SK	175		3,150.00
CP 100	COMMON	SK	175		2,800.00
CC 102	CELL FLAKE	lb	88		325.00
CC 104	CALCIUM CHLORIDE	lb	990		1,039.50
CC 200	CEMENT GEL	lb	330		82.50
CF 105	TOP RUBBER CNT. PLUG, 8 5/8"	EA	1		225.00
E 100	PICKUP MILEAGE	MI	30		127.50
E 101	HEAVY EQUIPMENT MILEAGE	MI	60		420.00
E 113	BULK DELIVERY CHARGE	TM	495		792.00
CE 200	DEPTH CHARGE; 0'-500'	HR	1.4		1,000.00
CE 240	BLENDING SERVICE CHARGE	SK	350		490.00
CE 504	PLUG CONTAINER CHARGE	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL: 8,592.90

CHEMICAL / ACID DATA:			

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

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

FIELD SERVICE ORDER NO. _____

Customer LD DRILLING	Lease No.	Date 8-15-2011
Lease ANTHONY	Well # 5-34	
Field Order # 41089	Station PRATT, KS.	Casing TD7
Type Job CNW - 8 5/8" S.P.	Depth 480'	County KIOWA
	Formation	State KS.
		Legal Description 34-27-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
8 5/8"	4 1/2"		CMT-	175SK A-CON				
Depth 480'	Depth	From	To	Pre Pad @ 2.12 CUFT³	Max			5 Min.
Volume 30.5 BBL	Volume	From	To	Pad 175SK COMMON	Min			10 Min.
Max Press 500	Max Press	From	To	Frac @ 1.38 CUFT³	Avg			15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 410'	Packer Depth	From	To	Flush 29 BBL	Gas Volume			Total Load

Customer Representative **LD DAVIS** Station Manager **D. SCOTT** Treater **K. LESLEY**

Service Units	19870	19889	19842	19959	21010				
Driver Names	LESLEY	LAWRENCE		McGRAN					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30AM					ON LOCATION - SAFETY MEETING
5:30AM					RUN 12 JTS. 8 5/8" x 24#
7:00AM					CSG. ON BOTTOM
7:10AM					HOOKUP TO CSG. / BREAK CIRC. W/ RIG
7:40AM	250		5	6	H₂O AHEAD
7:42AM	100		60	6	MIX 175SK A-CON @ 12.6 PPG
7:53AM	100		43	6	MIX 175SK COMMON @ 14.8 PPG
8:00AM					SHUT DOWN - RELEASE TOP RUBBER PLUG
8:06AM	0		0	5	START DISPLACEMENT
8:09AM	200		15	5	LIFT PRESSURE
8:18AM	200		25	4	SLOW RATE
8:20AM	300		29	3	PLUG DOWN - CLOSE IN AT HEAD
					CIRC. THRU JOB
					CIRC. 15 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KELEN LESLEY



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ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 04723 A

DATE _____ TICKET NO. _____

DATE OF JOB 8.26.11 DISTRICT Pratt		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 L.D. Drilling		LEASE Anthony		WELL NO. 5-30						
ADDRESS		COUNTY Kiowa		STATE KS						
CITY STATE		SERVICE CREW Orlando Lawrence, McBrown								
AUTHORIZED BY		JOB TYPE: CNW-5 1/2 L-S								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
27283	1						8-26-11			9:30
19842-19889	1					ARRIVED AT JOB				7:30
19826-19860	1					START OPERATION				1:00
						FINISH OPERATION				2:00
						RELEASED				3:00
						MILES FROM STATION TO WELL				30

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
CP106	Aserv Lite	SK	150		1950.00	
CP102	AA2 Cement	SK	150		2550.00	
CP106	Aserv Lite	SK	50		650.00	
CC102	Cellulose	Lb	88		325.60	
CC105	C-41-P	Lb	36		144.00	
CC111	Salt	Lb	679		339.50	
CC129	FLA-322	Lb	71		532.50	
CC201	Gilsonite	Lb	750		502.50	
CF607	Latch Down Plug & Baffle	ea	1		400.00	
CF1001	Cementing Packer Shoe 5 1/2"	ea	1		3700.00	
CF1651	Turbolizer 5 1/2"	ea	6		660.00	
CF1901	Basket 5 1/2"	ea	1		290.00	
CC151	Mud Flush	Gal	1000		860.00	
E100	Pickup Mileage	mi	30		127.50	
E101	Heavy Equipment Mileage	mi	60		420.00	
E113	Bulk Delivery	Tn	474		758.40	
CE206	Depth Charge 5001-6000'	ea	1		2380.00	
CE240	Cement Service Charge	SK	350		490.00	
CE504	Plug Container	ea	1		250.00	
5003	Service Super Visor	ea	1		175.00	
					SUB TOTAL	14223.95
CHEMICAL / ACID DATA:						
SERVICE & EQUIPMENT				%TAX ON \$		
MATERIALS				%TAX ON \$		
TOTAL						

SERVICE REPRESENTATIVE Steve Orlando THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: L.D. Davis
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	L.D. Drilling	Lease No.		Date	8-26-11
Lease	Anthony	Well #	5-34		
Field Order #	4723	Station	Pratt	Casing	5/2
				Depth	5227
Type Job	CNW-5/2 L.S.	Formation	TD-5600	County	kiowa
				State	ks
				Legal Description	34-27-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
5/2				150	5600 Aseru Lite			5 Min.
Depth	5227	From	To	150	Pre Pad AA2	Max		10 Min.
Volume	125	From	To	50	5600 Aseru Lite	Min		15 Min.
Max Press		From	To		Frac	Avg		
Well Connection	P.C.	From	To			HHP Used		Annulus Pressure
Plug Depth	5210	From	To		Flush 124	Gas Volume		Total Load

Customer Representative	L.D. Davis	Station Manager	Dave Scott	Treater	Steve Orlando
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Service Units	27283	27463	19826	19860					
Driver Names	Orlando	Lumera	McBraw						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					On location Safety Meeting
					Run 128 Jts 5/2 CSS Set @ 5227
					Run Packer Shoe on It 1
					Basket Jt 2 Bottom
					Centralizer 1-3-6-9-12-15
					Casing on Bottom Break
	1200				Circ w/ Rig - SET P4L810E-1200
1:40	350		24	5	Start Mud Flush
1:45	300		5	5	Start H2O Spacer
1:46	300		43	5	Mix 150 SKS Aseru Lite @ 13.3
2:02	300		36	5	Mix 150 CNW AA2 @ 15.3
1315					Shut Down - Clear Pump + Line
2:08	0		0	6	Start H2O Displacement
2:23	400		90	5	Lift Pressure
2:27	700		110	5	Slow Rate
2:30 PM	1500		124	4	Plug Down - Held
					Mix 50 SKS Aseru for RH/MH
					5226 Complete
					Thanks, Steve

OPERATOR

Company: L. D. Drilling, Inc.
 Address: 7 SW 26th Ave.
 Great Bend, KS 67530

Contact Geologist:
 Contact Phone Nbr: 620-793-3051
 Well Name: Anthony 5-34
 Location: Sec. 34 - T27S - R18W
 Pool:
 State: Kansas

API: 15-097-21704-0000
 Field: Greensburg
 Country: USA

Scale 1:240 Imperial

Well Name: Anthony 5-34
 Surface Location: Sec. 34 - T27S - R18W
 Bottom Location:
 API: 15-097-21704-0000
 License Number: 6039
 Spud Date: 8/14/2011 Time: 23:00
 Region: Kiowa County
 Drilling Completed: 8/25/2011 Time: 23:40
 Surface Coordinates: 990' FNL & 330' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2197.00ft
 K.B. Elevation: 2207.00ft
 Logged Interval: 3500.00ft To: 5600.00ft
 Total Depth: 5600.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 N/S Co-ord: 990' FNL
 E/W Co-ord: 330' FWL

Latitude:

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 620-617-4091
 Logged By: KLG #136 Name: Keith Reavis

CONTRACTOR

Contractor: Val Energy
 Rig #: 1
 Rig Type: mud rotary
 Spud Date: 8/14/2011 Time: 23:00
 TD Date: 8/25/2011 Time: 23:40
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2207.00ft Ground Elevation: 2197.00ft
 K.B. to Ground: 10.00ft

NOTES

A Bloodhound gas detector provided by Bluestem Environmental was used on this well from 2070' to TD. The data curves for drill time and gases were imported into this log.

Due to negative results of DST's #1 through #3, the Anthony #5-34 was deepened into the Arbuckle formation and 5 1/2 production casing was into the top of the Arbuckle to be used as an open-hole completion salt water disposal well

production casing was into the top of the 7 inches to be used as an open hole completion salt water disposal well.

The samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted,
Keith Reavis

LD Drilling Company

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
08/18/2011		Geologist Keith Reavis on location @ 1520 hrs, 3507 ft., rig broke down, mud pump, resume drilling @ 2055 hrs
08/19/2011	3626	drilling ahead, Topeka, light plant broke down, wait on repairs resume drilling, Topeka, Heebner, Douglas
08/20/2011	4219	drilling Lansing, cfs A zone, gas kick and show warrant testing short trip, TOH for DST #1, complete DST #1, successful test TIH w/bit, resume drilling, pump repairs @ 2105 hrs, cfs "B"
08/21/2011	4378	after cfs, pump down for repairs, resume drilling 0030 hrs, drilling ahead, lower LKC, BKC into Marmaton
08/22/2011	4378	drilling Marmaton, Pawnee, Cherokee, Miss, Kinderhook, sands have show and kick, warrants DST, TOH for DST #2, conducting DST #2
08/23/2011	4846	complete DST #2, successful test, drill ahead to base of sand, TOH for DST #3, conduct and complete, successful test, TIH w/bit, resume drilling, Viola
08/24/2011	4996	drilling ahead, Viola, Simpson, Arbuckle
08/25/2011	5331	rat-holing ahead, TD @ 5600 ft @ 2340 hrs, geologist off loc.

LD Drilling Company

well comparison sheet

Formation	DRILLING WELL				COMPARISON WELL				COMPARISON WELL			
	LD Anthony 5-34				LD Anthony 3-27				LD Anthony A 1-34			
	990' FNL 330' FWL				585' FSL 330' FWL				330' FNL 2310' FWL			
Sec 34-27S-18W				Sec 27-27S-18W				Sec 34-27S-18W				
2207 KB					2211 KB		Structural Relationship		2209 KB		Structural Relationship	
Sample	Sub-Sea	Log	Sub-Sea		Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Topeka	3606	-1399	no logs							3602	-1393	-6
Heebner	4041	-1834			4042	-1831	-3			4032	-1823	-11
Douglas	4078	-1871			4076	-1865	-6			4066	-1859	-12
Lansing	4204	-1997			4203	-1992	-5			4191	-1982	-15
Lansing B	4232	-2025			4230	-2019	-6			4219	-2010	-15
Stark Shale	4502	-2295			4498	-2287	-8			4487	-2278	-17
Base KC	4588	-2381			4594	-2383	2			4579	-2370	-11
Pawnee	4685	-2478			4684	-2473	-5			4673	-2464	-14
Cherokee	4722	-2515			4718	-2507	-8			4708	-2499	-16
Kinderhook Sh	4784	-2577			4780	-2569	-8			4757	-2548	-29
Lower Kind Sand	4809	-2602			4811	-2600	-2			4787	-2578	-24
Viola	4874	-2667			4858	-2647	-20			4852	-2643	-24
Simpson Dol	5074	-2867			nr					5058	-2849	-18
Arbuckle	5174	-2967			nr					5156	-2947	-20
Total Depth	5600	-3393			4933	-2722	-671			5504	-3295	-98

DST #1

Company **LD Drilling, Inc.**
 Address **7 SW 28th Ave.**
 CSZ **Great Bend, KS 67530**
 Attn **Keith Reavis**

Lease Name **Anthony**
 Lease # **6-34**
 Legal Desc **SW-NW-NW**
 Section **34**
 Township **27S**
 County **Kiowa**
 Drilling Cont **Val Energy, Inc. Rig #1**

Job Ticket **2163**
 Range **16W**
 State **KS**

Comments **Field:Greensburg**

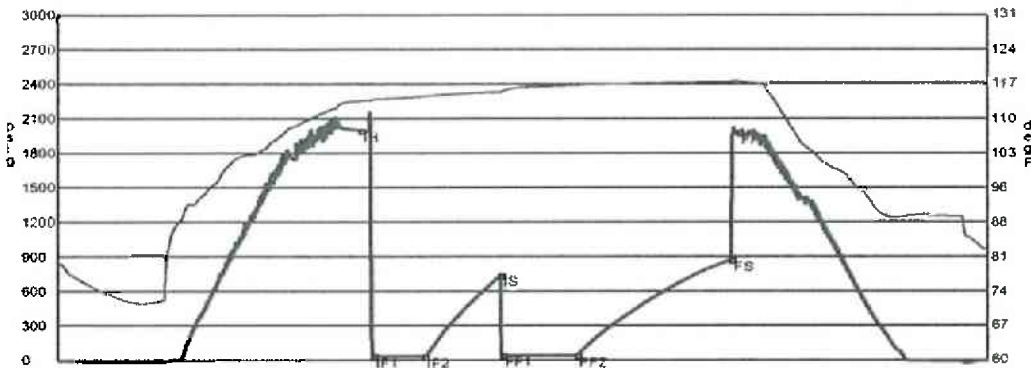
GENERAL INFORMATION

Test # 1 Test Date **8/20/2011** Chokes **3/4** Hole Size **7 7/8**
 Tester **Tim Venters** Top Recorder # **W1119**
 Test Type **Conventional Bottom Hole** Mid Recorder #
 Successful Test **2.0** Bolt Recorder # **13310**
 # of Packers **2.0** Packer Size **6 3/4** Mileage **72** Approved By
 Standby Time **0**
 Mud Type **Gel Chem** Extra Equipment **Jars & Safety Joint**
 Mud Weight **8.8** Viscosity **49.0** Time on Site **8:40 AM**
 Filtrate **12.8** Chlorides **11800** Tool Picked Up **7:45 AM**
 Tool Layed Dwn **3:60 PM**
 Drill Collar Len **0** Elevation **2197.00** Kelley Bushings **2207.00**
 Wght Pipe Len **0**
 Formation **Lansing "A"** Start Date/Time **8/20/2011 6:53 AM**
 Interval Top **4197.0** Bottom **4219.0** End Date/Time **8/20/2011 3:54 PM**
 Anchor Len Below **22.0** Between **0**
 Total Depth **4219.0**
 Blow Type **Strong blow throughout the initial flow period, hitting the bottom of the bucket instantaneously. Vary strong throughout the final flow period, hitting the bottom of the bucket instantaneously. Gas to surface in 9 1/2 minutes. Times : 30, 45, 45, 90.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
4095	Gas in Pipe	100% 4095ft	0% Off	0% Off	0% Off
80	Cassy, slight water cut mud	6% 4 8ft	0% Off	18% 14 4ft	76% 60.8ft

DST Fluids **53000**



	Date	Time	Pressure	Temp	
IH	8/20/2011 9:48:40 AM	2.927778	1996.453	113.316	Initial Hydro-static
IF1	8/20/2011 9:55:40 AM	3.044444	36.487	113.57	Initial Flow (1)
IF2	8/20/2011 10:25:20 AM	3.638889	30.022	114.281	Initial Flow (2)
IS	8/20/2011 11:09:30 AM	4.275	733.714	115.187	Initial Shut-In
FF1	8/20/2011 11:10:40 AM	4.294444	43.132	115.32	Final Flow (1)
FF2	8/20/2011 11:54:20 AM	5.022222	39.392	116.566	Final Flow (2)
FS	8/20/2011 1:24:00 PM	6.516667	872.354	117.178	Final Shut-In
FH	8/20/2011 1:28:20 PM	6.588889	1977.202	117.312	Final Hydro-static

GAS FLOWS

Min into IFP	Min Into FFP	Gas Flows	Pressure	Choke
0	20	4.30 mcf	6.50 h2o	0.25 in
0	30	3.37 mcf	4.00 h2o	0.25 in
0	40	2.92 mcf	3.00 h2o	0.25 in
0	45	2.66 mcf	2.50 h2o	0.25 in

DST #2

RICKETTS TESTING

(620) 326-5830

Page 1

Company **LD Drilling, Inc.**
 Address **7 SW 28th Ave.**
 CSZ **Great Bend, KS 67530**
 Attn **Keith Reavis**

Lease Name **Anthony**
 Lease # **6-34**
 Legal Desc **SW-NW-NW**
 Section **34**
 Township **27S**
 County **Kiowa**
 Drilling Cont **Val Energy, Inc. Rig #1**

Job Ticket **2163**
 Range **16W**
 State **KS**

Comments **Field:Greensburg**

GENERAL INFORMATION

Test # 2 Test Date **8/23/2011** Chokes **3/4** Hole Size **7 7/8**
 Tester **Tim Venters** Top Recorder # **W1119**
 Test Type **Conventional Bottom Hole** Mid Recorder #
 Successful Test **2.0** Bolt Recorder # **13310**
 # of Packers **2.0** Packer Size **6 3/4** Mileage **72** Approved By
 Standby Time **0**

Mud Type **Gel Chem**
Mud Weight **9.2** Viscosity **81.0**
Filtrate **9.2** Chlorides **5400**

Drill Collar Len **0**
Wght Pipe Len **0**

Formation **Kinderhook Sd.**
Interval Top **4747.0** Bottom **4819.0**
Anchor Len Below **72.0** Between **0**
Total Depth **4819.0**
Blow Type **Weak 1/4 inch blow at the start of the initial flow period, building to 8 inches. Strong blow throughout the final flow period, reaching the bottom of the bucket in 2 minutes. It never did blow water out of the bucket. Times: 30, 45, 45, 80.**

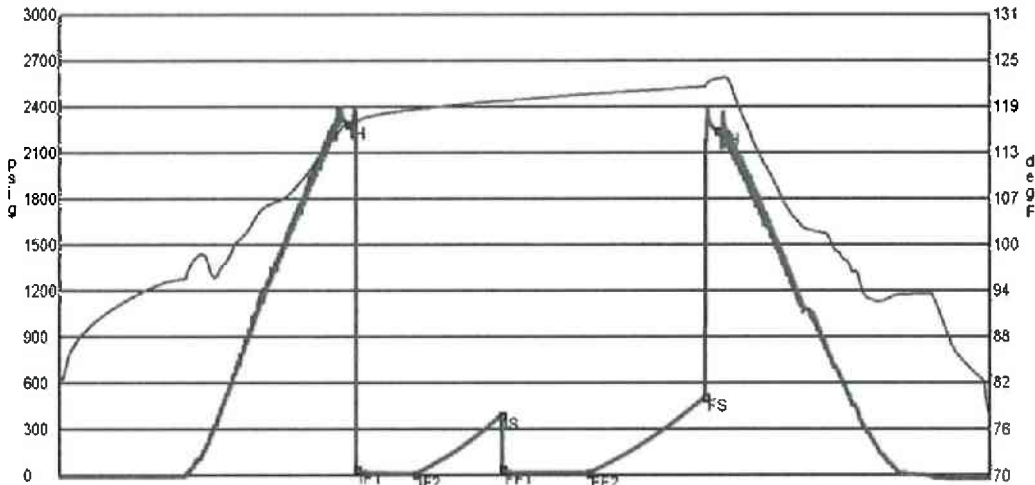
Extra Equipmnt **Jars & Safety Joint**
Time on Site **3:00 PM**
Tool Picked Up **5:20 PM**
Tool Layed Down **1:15 AM**

Elevation **2197.00** Kelley Bushings **2207.00**

Start Date/Time **8/22/2011 5:20 PM**
End Date/Time **8/23/2011 1:21 AM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
230	Gas in Pipe	100% 230ft	0% 0ft	0% 0ft	0% 0ft
25	Slight oil out mud	0% 0ft	17% 4.2ft	0% 0ft	83% 20.8ft
DST Fluids 0					



	Date	Time	Pressure	Temp	
IH	8/22/2011 7:48:30 PM	2.475	2287.379	116.522	Initial Hydro-static
IF1	8/22/2011 7:53:00 PM	2.55	40.98	116.798	Initial Flow (1)
IF2	8/22/2011 8:23:50 PM	3.063889	9.976	118.449	Initial Flow (2)
IS	8/22/2011 9:08:00 PM	3.8	390.517	119.571	Initial Shut-In
FF1	8/22/2011 9:08:30 PM	3.808333	36.635	119.545	Final Flow (1)
FF2	8/22/2011 9:53:10 PM	4.552778	12.666	120.466	Final Flow (2)
FS	8/22/2011 10:53:30 PM	5.558333	508.234	121.425	Final Shut-In
FH	8/22/2011 10:59:40 PM	5.661111	2243.052	122.436	Final Hydro-static

DST #3

RICKETTS TESTING

(620) 326-5830

Page 1

Company **LD Drilling, Inc.**
Address **7 SW 28th Ave.**
CSZ **Great Bend, KS 67630**
Attn. **Keith Reavis**

Lease Name **Anthony**
Lease # **5-34**
Legal Desc **SW-NW-NW** Job Ticket **2183**
Section **34** Range **18W**
Township **27S**
County **Kiowa** State **KS**
Drilling Cont **Val Energy, Inc. Rig #1**

Comments **Field:Greensburgh**

GENERAL INFORMATION

Test # **3** Test Date **8/23/2011**
Tester **Tim Venters**
Test Type **Conventional Bottom Hole Successful Test**
of Packers **2.0** Packer Size @ **3/4**

Mud Type **Gel Chem**
Mud Weight **9.1** Viscosity **84.0**
Filtrate **9.2** Chlorides **6400**

Drill Collar Len **0**
Wght Pipe Len **0**

Chokes **3/4** Hole Size **7 7/8**
Top Recorder # **W1119**
Mid Recorder #
Bott Recorder # **13310**

Mileage **72** Approved By
Standby Time **0**
Extra Equipmnt **Jars & Safety joint**
Time on Site **8:45 AM**
Tool Picked Up **10:00 AM**
Tool Layed Dwn **4:36 PM**

Elevation **2197.00** Kelley Bushings **2207.00**

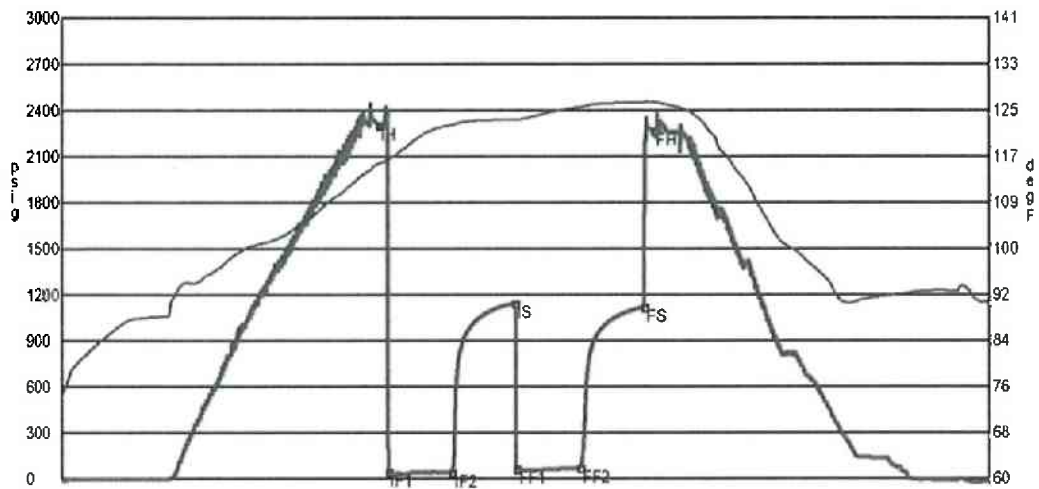
Formation **Kinderhook Sd.**
Interval Top **4820.0** Bottom **4846.0**
Anchor Len Below **26.0** Between **0**
Total Depth **4846.0**

Start Date/Time **8/23/2011 9:21 AM**
End Date/Time **8/23/2011 4:36 PM**

Blow Type **Weak surface blow at the start of the initial flow period, building to 4 1/2 inches. Very weak surface blow at the start of the final flow period, building to 3 inches. There was a trace of oil in the tool on the recovery. Times: 30, 30, 30.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
40	Mud cut water	0% 0ft	0% 0ft	62% 24.8ft	38% 15.2ft
95	Very slight mud cut water	0% 0ft	0% 0ft	91% 86.4ft	9% 8.6ft



	Date	Time	Pressure	Temp	
IH	8/23/2011 11:48:40 AM	2.461111	2306.121	115.493	Initial Hydro-static
IF1	8/23/2011 11:53:00 AM	2.533333	45.539	115.99	Initial Flow (1)
IF2	8/23/2011 12:23:20 PM	3.038889	43.155	122.261	Initial Flow (2)
IS	8/23/2011 12:52:50 PM	3.530556	1145.534	123.217	Initial Shut-in
FF1	8/23/2011 12:53:40 PM	3.544444	67.446	123.107	Final Flow (1)
FF2	8/23/2011 1:23:30 PM	4.041667	69.481	125.376	Final Flow (2)
FS	8/23/2011 1:53:20 PM	4.538889	1119.678	126.161	Final Shut-in
FH	8/23/2011 1:57:50 PM	4.613889	2271.145	126.217	Final Hydro-static

ROCK TYPES

Cht	Dolprim	Lmst fw7>	Carbon Sh
Cht vari	Dolsec	shale, grn	shale, red
Chtcongl	Lmst fw<7	shale, gry	Ss

ACCESSORIES

MINERAL

- Argillaceous
- ▲ Chert, dark
- △ Dolomitic
- P Pyrite
- .* Sandy
- .. Silty
- △ Chert White

FOSSIL

- ∩ Bioclastic or Fragmental
- F Fossils < 20%
- ∅ Oolite
- ⊕ Oomoldic

STRINGER

- Limestone
- ..* Sandstone
- ∩ Siltstone
- Shale
- green shale
- red shale

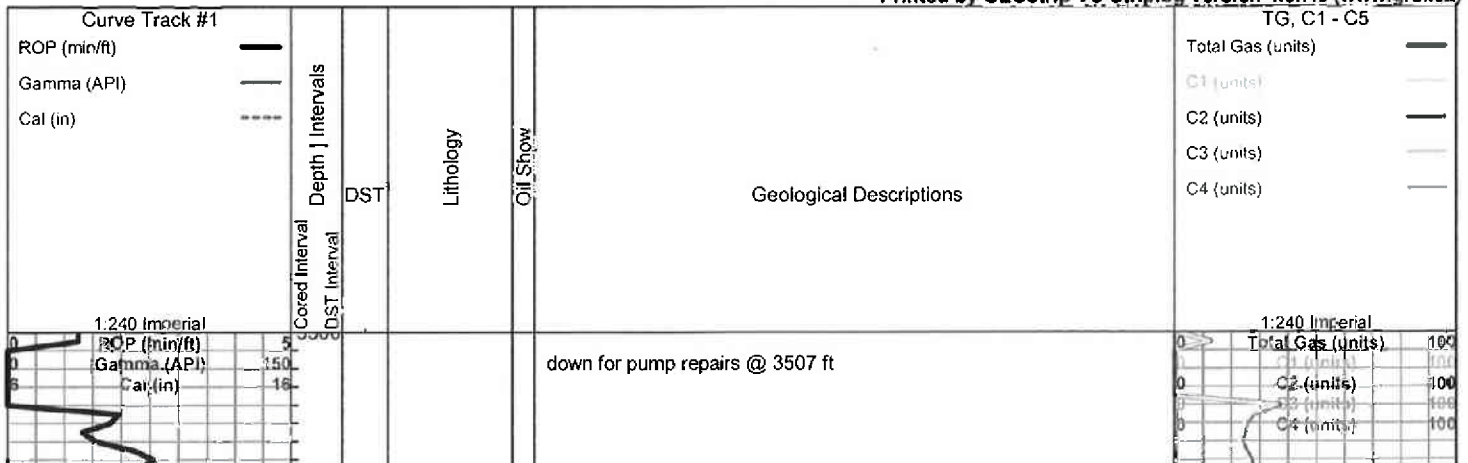
TEXTURE

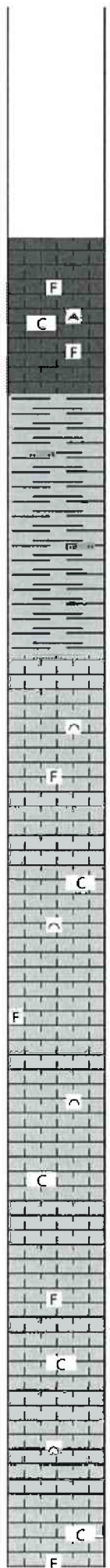
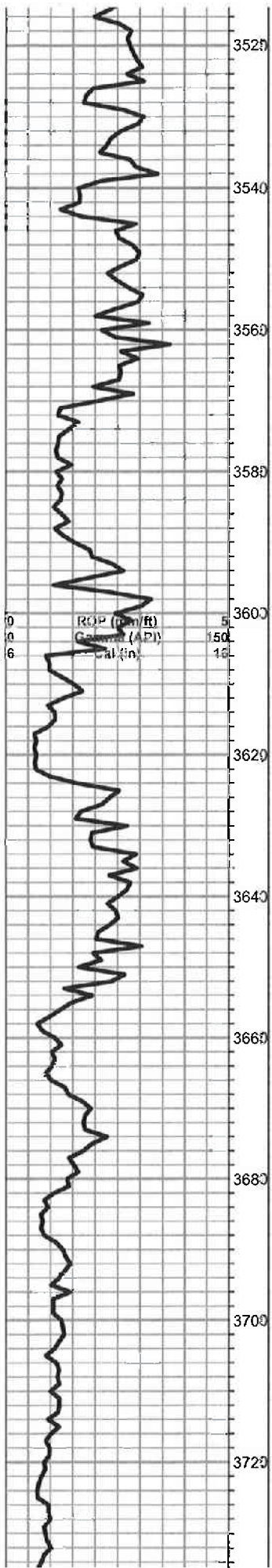
- C Chalky
- CX Cryptocrystalline
- FX FinexIn
- L Lithogr
- MX MicroxIn

OTHER SYMBOLS

DST

- DST Int
- DST alt
- Core





poor samples, after displacement

samples improving, limestone, gray, microcrystalline, grainy, fossiliferous, dense, with cream to white chalky fossiliferous limestone, with some dark gray cherts, no shows

shale, mostly green, some maroon and gray, silty, with some green siltstone streaks

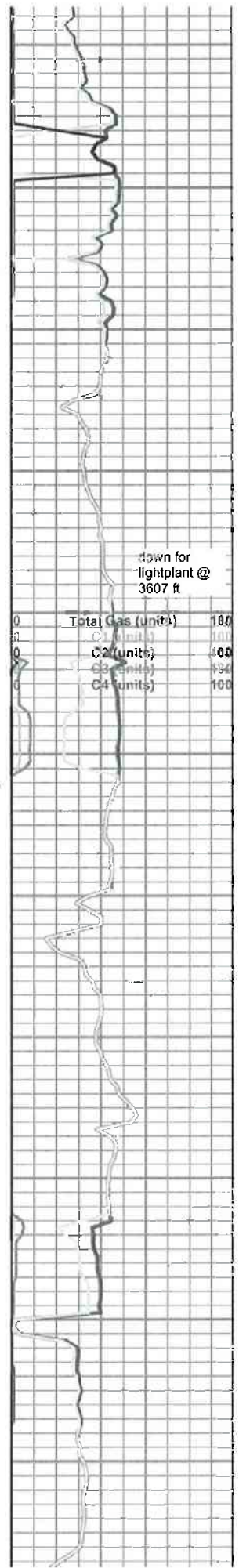
Topeka 3606 -1399

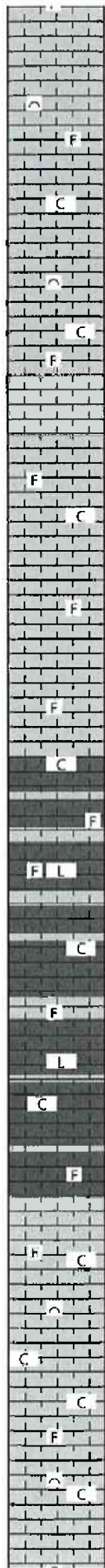
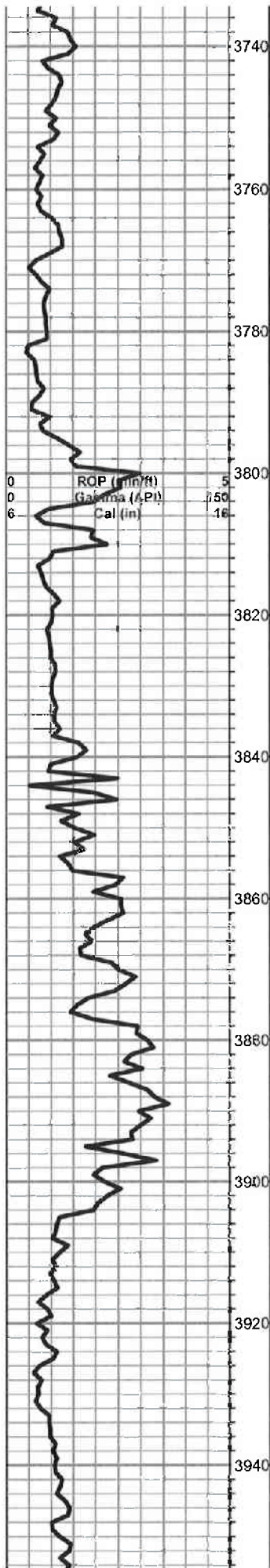
limestone, cream to light gray and white, microcrystalline, fossiliferous, chalky, some scattered porosity, no shows

limestone, mixed fossiliferous, gray to cream and pale green, dense, no shows

limestone, cream to light gray, microcrystalline, fossiliferous to bioclastic, chalky, some grainy, some scattered interclast porosity, no shows, moderate chalk in samples

as above





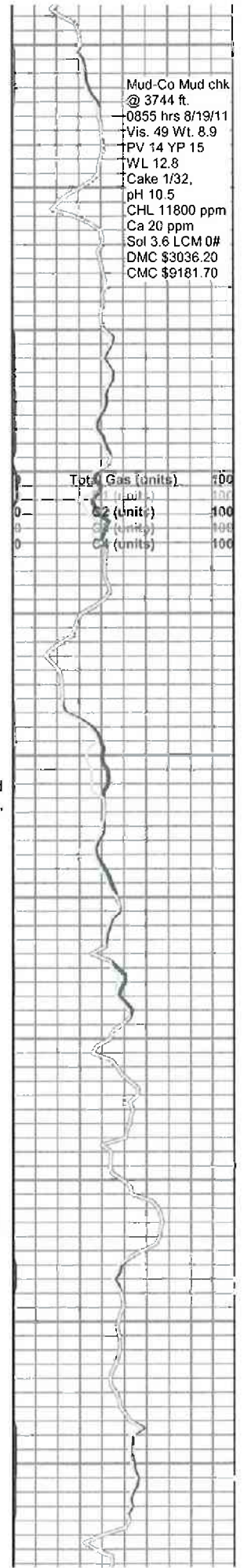
as above

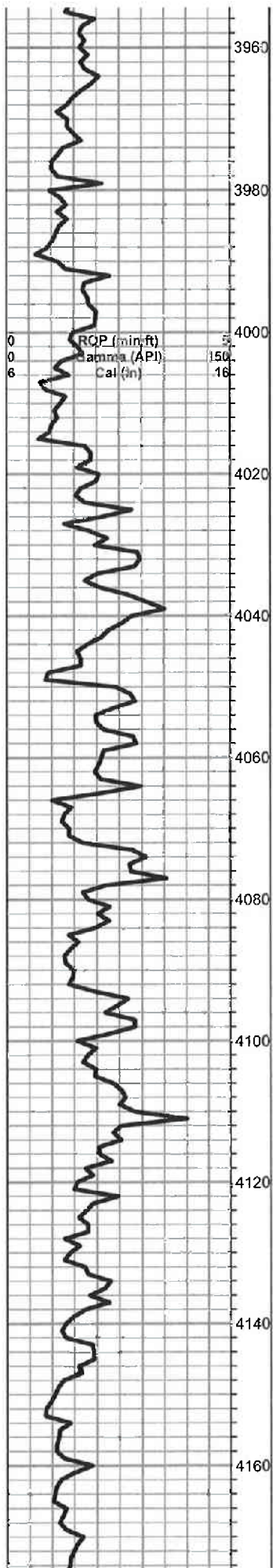
limestone, mixed white to gray, chalky, fossiliferous, some scattered porosity, abundant chalk, no shows

limestone, mixed fossiliferous, cream to white and gray, some scattered porosity, with: limestone, cryptocrystalline, dense, compact lithographic, gray, no shows, abundant chalk in samples

as above

limestone, white to cream and light gray, microcrystalline, fossiliferous to bioclastic, chalky, some scattered interclast porosity, abundant chalk in samples, no shows





as above

limestone, white to cream, micro to fine crystalline, fossiliferous to bioclastic, some small calcite crystals, very chalky, some scattered fair porosity, no shows, abundant chalk in samples

as above

mixed chalky fossiliferous limestones

Heebner 4041 -1834

black carbonaceous shale

Toronto 4058 -1851

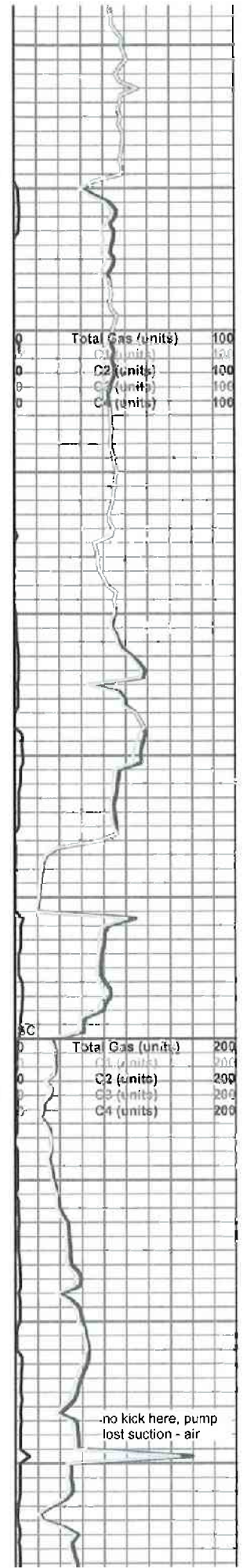
limestone, white to cream, microcrystalline, some calcite crystals, fossiliferous, grainy, chalky, poor overall visible porosity, no shows, some light fluorescence

Douglas 4078 -1871

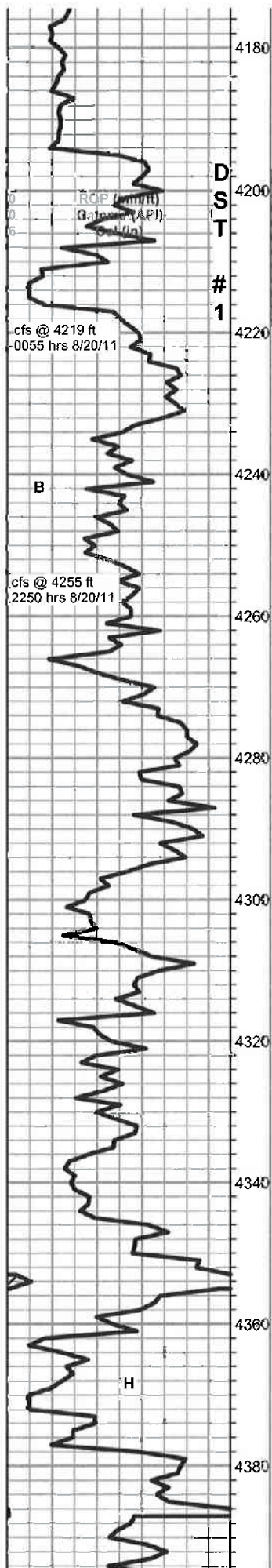
green and gray silty, soft shales

as above, some stringers dark brown pyritic limestone, some gray salt and pepper siltstone

shale and siltstone stringers as above



-no kick here, pump lost suction - air



Brown Lime 4194 -1987

limestone, tan, dense, fossiliferous

Lansing 4204 -1997

limestone, cream to tan, bioclastic, oolitic and oomoldic, some good interclast and moldic porosity, questionable stain, show gas, no show oil, bright green fluorescence, no cut

limestone, white to cream, microcrystalline, fossiliferous to bioclastic, some fair interclast porosity, some light spotty stain, slight show scaley oil sheen, fleeting odor, good green fluorescence, slow milky cut and halo

limestone, white to light gray, microcrystalline, fossiliferous to bioclastic, trace oolitic, chalky in part, poor visible porosity, no shows

limestone, mixed dense fossiliferous, trace chert, some chalk, no shows

limestone, cream to white, micro to fine crystalline, fossiliferous, chalky, some interclast porosity, no shows

limestone, cream to gray and tan, micro to fine crystalline, fossiliferous to crystalline, poor visible porosity, mostly dense, with: chert, smokey gray, slightly fossiliferous, sharp, fresh, no shows

limestone, cream fossiliferous to tan oomoldic, some fair oomold porosity, no shows (4360 sample smells of solvent?)

limestone, cream to light gray, microcrystalline, fossiliferous, some scattered small specimens oolitic to sub-oomoldic, poor overall porosity, no shows

limestone, cream to white and light gray, micro to fine crystalline, fossiliferous to crystalline, dense, no shows

limestone, limestone, cream to white, microcrystalline, chalky,

Total Gas (units)	290
C1 (units)	200
C2 (units)	200
C3 (units)	100
C4 (units)	200

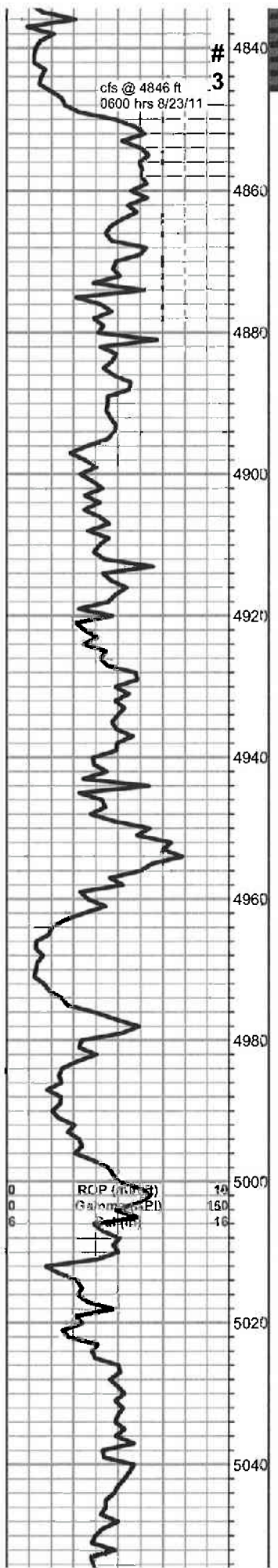
227 unit total kick

pipe strap 0.25 ft long to board deviation survey 3/4 deg

Mud-Co Mud chk @ 4219 ft. 1700 hrs 8/20/11 Vis. 65 Wt. 9.2 PV 17 YP 18 WL 15.6 Cake 1/32, pH 11.0 CHL 10400 ppm Ca 20 ppm Sol 3.6 LCM 0# DMC \$1609.05 CMC \$10790.75

mud pump broke down -2105 hrs @ 4255', gas not lagged thru past 4244' - no gas kick when bottoms up after back to circ

some off footage here to 4378 - footage adjustment and DT by hand, driller did not kick geolograph in for 8 ft last connection



fluorescence, with: chert, white to pale green, translucent, sandy, fresh, no shows

shale, dense gray and green, some fossiliferous, some dense maroon shales, with limestone, green to tan, argillaceous to slightly fossiliferous, dense, with chert, pale green to yellow and off-white, sandy to opaque and translucent

4890 sample, a.a., abundant mixed sand as lower KH

Viola 4874 -2667

limestone, dolomitic, white to light gray and gray/green, microcrystalline, slightly fossiliferous, mostly dense, chalky in part, with chert, white to light gray, fossiliferous in part, sharp, fresh, no shows, some light fluorescence

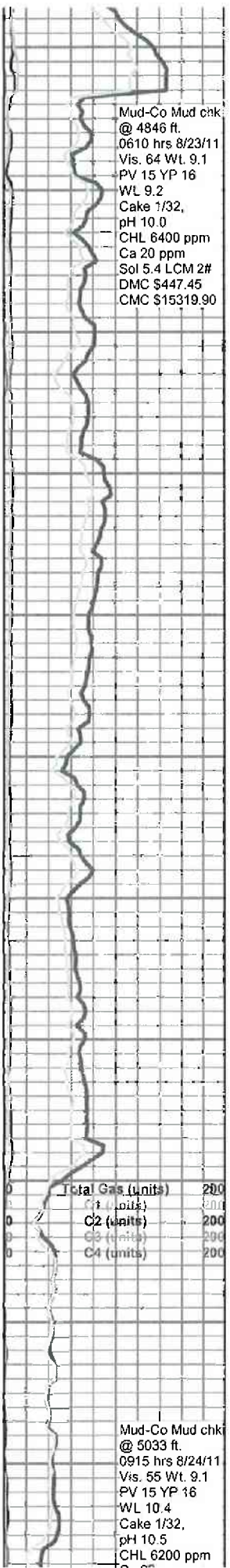
as above, some microcrystalline dolomite, white to pale green, dense, no shows

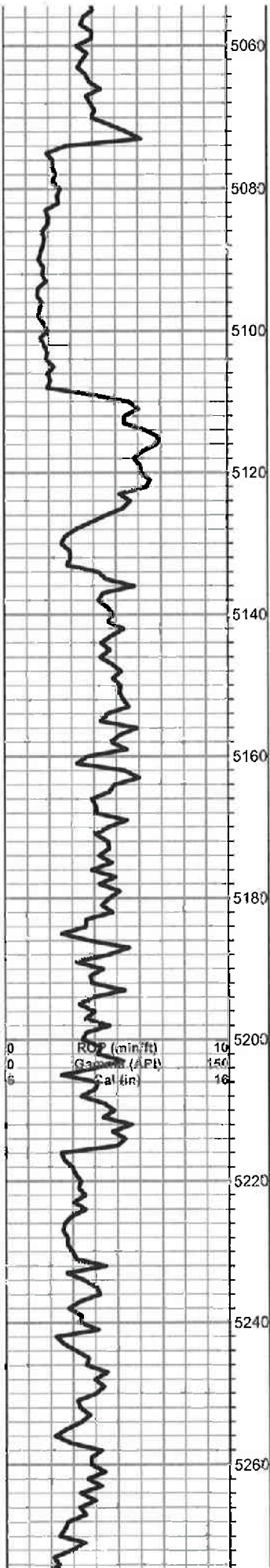
as above, increasing dolomite

dolomite, limestone and chert as above, with dolomite becoming primary, cherts secondary with decreasing limestones

dolomite, white to light gray, microcrystalline, sub-sucrosic to sub-rhombic, some tan, micro to cryptocrystalline, poor visible porosity, with: chert, white to light gray, mostly sharp, fresh, trace weathered, no shows, no fluorescence

as above





as above, influx of some brown arenaceous dolomite, some white sandy dolomite and mixed shales

Simpson 5074 -2867

dolomite, light gray to gray/green, micro to fine crystalline, sub-rhombic to rhombic, some scattered fair intercrystalline porosity, no shows or fluorescence, chert, white boney to blue/gray fossiliferous, no shows, chert has bright blue fluorescence

dolomite and chert as above, with dolomite, brown, micro-crystalline, arenaceous, dense, some sandy, shales, green silty to waxy, gray silty

sandstone, quartz, clear to gray, fine grained, rounded to angular, poorly sorted, well cemented, some very pyritic, poor visible porosity, no shows, trace orange and yellow chert

shale, variable green, mostly blocky and waxy, some sandy and pyritic, with abundant sand stringers as above, still carrying abundant dolomite

Arbuckle 5174 -2967

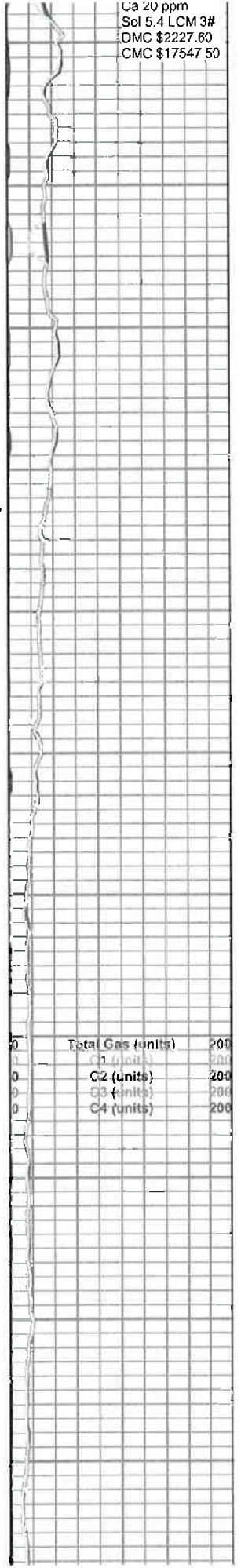
dolomite, light gray to cream and tan, micro-cryptocrystalline, dense, poor visible porosity, some pyritic, barren, bright yellow fluorescence, with caliche and small boney white chert shards, some slightly weathered, trace very fine grain white sand clusters

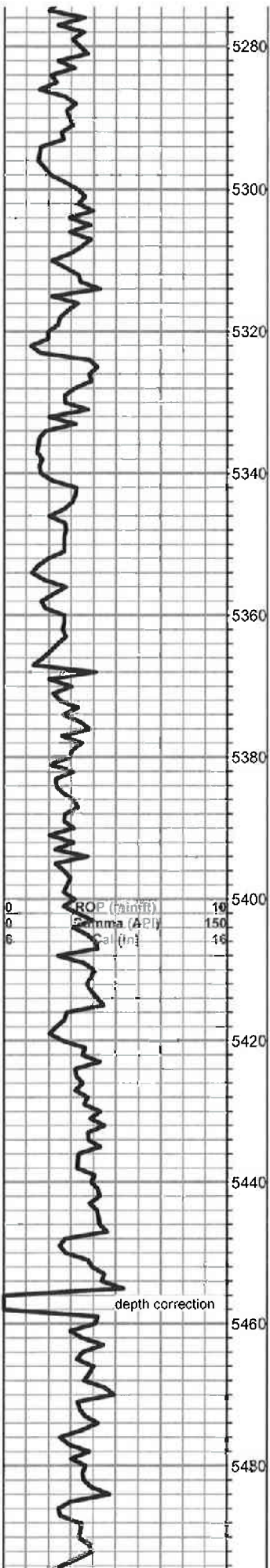
dolomite, light gray to cream, crypto-microcrystalline, lithographic to rhombic, some scattered intercrystalline and solution vug porosity, decreasing chert, some green shales, no shows, even yellow fluorescence

dolomite, light gray to cream, microcrystalline, still some cryptocrystalline, increasing rhombic, some rounded re-crystallized, scattered oolitic to oomoldic, fair intercrystalline porosity

as above

Ca 20 ppm
Sol 5.4 LCM 3#
DMC \$2227.60
CMC \$17547.50





dolomite, light gray to cream and tan, mixed crystalline, rhombic to lithographic, some scattered sucrosic, some fair intercrystalline porosity, some large secondary dolomite crystals, some caliche filled, scattered cherts, no shows

as above, influx pale gray/green cryptocrystalline, sub-sucrosic, dense

dolomite, light gray to white to tan, microcrystalline, mostly rhombic to sub rhombic, some good solution and intercrystalline porosity, scattered oolitic and sandy dolomite, scattered chert, no shows

as above

mixed dolomites, micro-cryptocrystalline, rounded re-crystallized rhombs, some scattered porosity, some scattered cherts, influx green dense blocky shale

as above

dolomite, white to tan, mixed crystalline, some scattered solution porosity, some scattered large clear dolomite crystals, decreased chert

dolomite as above, flood white boney chert

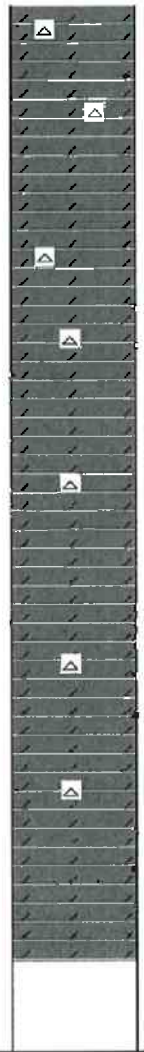
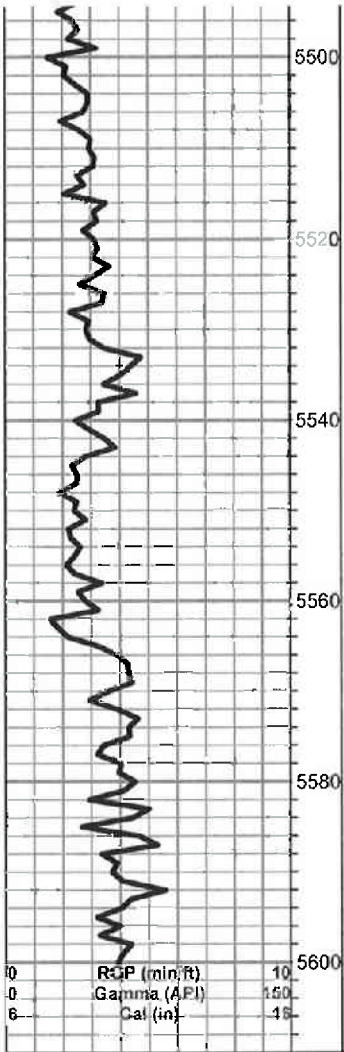
as above

dolomite, white to cream, gray and tan, mostly microcrystalline rhombic to some rhombic, some fine crystalline rhombic, some fair intercrystalline porosity, some secondary crystallization, abundant chert as above

Mud-Co Mud chk
 @ 5382 ft.
 0930 hrs 8/25/11
 Vis. 57 Wt. 9.1
 PV 16 YP 18
 WL 8.4
 Cake 1/32,
 pH 9.0
 CHL 4400 ppm
 Ca 40 ppm
 Sol 5.5 LCM 6#
 DMC \$2840.65
 CMC \$20388.15

0	Total Gas (units)	299
1	C1 (units)	200
2	C2 (units)	200
3	C3 (units)	200
4	C4 (units)	200

turn off extractor



as above

dolomite, tan to gray, micro to fine crystalline, mostly rhombic, some cryptocrystalline, some fair but mostly poor overall visible porosity, abundant caliche fill, scattered cherts

dolomite, tan to gray, micro-cryptocrystalline, recrystallized rhombs, some secondary crystallization, scattered intercrystalline porosity, scattered cherts as above

Rotary TD 5600 @ 2340 hrs 8/25/11

