



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
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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: _____



1048819

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	LIMESTONE FARMS 1-20
Doc ID	1048819

Tops

Name	Top	Datum
ANHYDRITE	1044	+977
TOPEKA	3006	-985
HEEBNER	3237	-1216
LANSING	3297	-1276
BASE KANSAS CITY	3525	-1504
ARBUCKLE	3561	-1540
RTD	3681	-1660
LTD	3675	-1654



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

0315111355
FIELD SERVICE TICKET

1718 1819 A

DATE _____ TICKET NO. _____

DATE OF JOB 6-11-10 DISTRICT KANSAS		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 Limestone Farms #1-20 WELL NO.								
ADDRESS		COUNTY Barton 20-17-16 STATE Kans.								
CITY STATE		SERVICE CREW A. Worth, C. Veach, M. Hall								
AUTHORIZED BY		JOB TYPE: 8 5/8" Surface CWL								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
28443 PU	1 1/2						6-11-10			1200
27463 Pt	1 1/2					ARRIVED AT JOB	6-11-10			100
19832-21010	1 1/2					START OPERATION	6-11-10			500
						FINISH OPERATION	6-11-10			630
						RELEASED	6-11-10			715
						MILES FROM STATION TO WELL 70-miles				

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
CP101	ACON Blend Cement		200-sk		\$ 3600.00
CP100	Common		200-sk		\$ 3200.00
CC102	Cell Flake		100-lb		\$ 370.00
CC109	Calcium Chloride		1128-lb		\$ 11840.00
CC200	Cement Gel		376-lb		\$ 94.00
CF105	Top Rubber Cement Plug.		1-ea		\$ 225.00
E100	Unit Mileage Pickup.		70 mi		\$ 297.00
E101	Heavy Equip Mileage		136 mi		\$ 980.00
CE201	Depth Chg. 501-1000'		1-4hrs	\$1200/hr	\$ 4800.00
CE240	Blending + mixing Service chg.		400-sk		\$ 560.00
CE304	Plug container utilization chg.		1-Job		\$ 250.00
G003	Service Supervisor - first 8 hrs work.		1-ea		\$ 175.00
E113	BULK DELIVERY		1316 TM		\$ 2165.60

CHEMICAL / ACID DATA:			

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

SUB TOTAL

TOTAL

KC \$7405.58

SERVICE REPRESENTATIVE Allen F. Worth	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
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FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer L.D. Drilling INC	Lease No.	Date 6-11-10
Lease Limestone Farms	Well # 1-20	
Field Order # 17181819	Station Pratt KS	Casing 8 5/8"
Type Job 8 5/8" Surface	Formation TD-1011'	County Barton
		State KS
		Legal Description 20-17-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8"	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth 1011'	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 63 BBL	Volume	From	To	Pad	Min		10 Min.	
Max Press 500 #	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 991'	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager Scotty	Treater Allen F. Werth
Service Units 28443 27463 19832 21010		
Driver Names Werth Vorch Mike WALL		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
100 am.					on hoc. Discuss Safety, Setup, Plan Job
315					start out of Hole w/ Bit.
355					out of Hole w/ Bit
415					Rig up to Run 8 5/8" casing 24#
515					start 8 5/8" casing.
530					Casing @ 1011' cir. w/ Rig.
	200 #		77	5	Hookup to cat.
					start mix 200SKS A-con @ 12.6#
					start mix 200SKS common
			48 1/2		w/ 2% gel, 3% CC, 1/4" cell FLAKE @ 15#
					Finish mix
					Release Top Rubber Plug 8 5/8"
600				4 1/2	start Disp.
615	500 #		63		Plug down - shut in @ well
	0 #				Release P.S.T
					Knock loose & wash up Equip.
					Rack up Equip.
715					Job complete
					Cement cir. To P.T
					thanks Allen Chris M. WALL



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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 02095 A

20-175-15W

DATE _____ TICKET NO. _____

DATE OF JOB 6-17-10	DISTRICT Pratt, Kansas	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, Incorporated	LEASE Limestone Farms	WELL NO. 1-20					
ADDRESS	COUNTY Barton	STATE Kansas					
CITY	STATE	SERVICE CREW C. Messick: M. Mattal: E. Marquez					
AUTHORIZED BY	JOB TYPE: C.N.W. - Longstring						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 6-17-10 TIME 9:00
19,866	1					ARRIVED AT JOB	12:30
19,903-19,905	1					START OPERATION	4:20
19,832-21,010	1					FINISH OPERATION	5:20
						RELEASED	6-17-10 5:45
						MILES FROM STATION TO WELL	70

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 Poz	sh	150	\$	1,800.00
CP 103	60/40 Poz	sh	50	\$	600.00
CC 111	Salt (Fine)	Lb	1,334	\$	667.00
CC 112	Cement Friction Reducer	Lb	65	\$	390.00
CC 201	Gilsonite	Lb	750	\$	502.50
CF 103	Top Rubber Plug, 5 1/2"	ea	1	\$	105.00
CF 251	Regular Guide Shoe, 5 1/2"	ea	1	\$	250.00
CF 1451	Insert Float Valve, 5 1/2"	ea	1	\$	215.00
CF 1651	Turbolizer, 5 1/2"	ea	5	\$	550.00
C 704	CS-1L KCL	Gal	1	\$	35.60
CC 151	mud Flush	Gal	500	\$	430.00
E 100	Pickup Mileage	mi	70	\$	297.50
E 101	Heavy Equipment Mileage	mi	140	\$	980.00
E 113	Bulk Delivery	tm	602	\$	963.20
CE 204	Cement Pump: 3,001 Feet To 4,006 Feet	Job	1	\$	2,160.00
CE 240	Blending and Mixing Service	sh	200	\$	280.00
CE 504	Plug Container	Job	1	\$	250.00
S 003	Service Supervisor	Job	1	\$	175.00

SUB TOTAL \$ **6,496.62**

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

TOTAL

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE *Carlene R. M. ...*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Jason R. ...*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer L.D. Drilling, Incorporated	Lease No.	Date 6-17-10
Lease Limestone Farms	Well # 1-20	
Field Order # 2095	Station Pratt, Kansas	Casing 5 1/2 14 Lb./Ft.
Type Job C.N.W. - Longstring	Depth 3,680 feet	County Barton
	Formation	State Kansas
		Legal Description 20-17S-15W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 5 1/2 14 Lb./Ft.	Tubing Size	Shots/Ft	150 sacks 60/40 Poz with 28 Gal.	Rate	Press	ISIP	Friction	
Depth 3,680 Feet	Depth	From	Reducer, 188 Salt, 5/16. /sk. Gilsonite	Max		5 Min.		
Volume 89.8 Bbl.	Volume	From	To 15.4 Lb./Gal., 4.29 Gal./sk., 1.18 CU FT.	Min		10 Min.		
Max Press 1,500 P.S.I.	Max Press	From		Avg		15 Min.		
Well Connection Plug Con. Lainer	Annulus Vol.	From	50 sacks 60/40 Poz to plug Rat (30sks) and Mouse (20sks) holes	HTB Used		Annulus Pressure		
Plug Depth 2667.5 Feet	Packer Depth	From	To 89.7 Bbl. Fresh Water	Gas Volume		Total Load		

Customer Representative L.D. Davis	Station Manager David Scott	Treater Clarence R. Messick
Service Units 19,866	19,903	19,905
Driver Names Messick	Mattal	Marquez
19,832	21,010	

Time	P.M. Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30					Trucks on location and hold safety meeting.
2:00					Mallard Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill insert screwed into collar and a total of 8 T Joints new 14 Lb./Ft. 5 1/2 casing. Turbolizers were installed on collars #1, 3, 5, 7, and #9.
3:40					Casing in well. Circulate for 15 minutes.
4:00	300		6	6	Start 28 KCL Pre-Flush.
	300		20	6	Start mud Flush.
	350		32	5	Start Fresh Water Spacer.
	350		37	5	start mixing 150 sacks 60/40 Poz Cement.
	-0-		68		stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
4:43			65	5	Start Fresh Water Displacement.
			89.7		Start to lift cement.
5:00	600				Plug down.
	1,500				Pressure up.
	-0-		7-5	3	Release pressure. Insert held
	-0-				Plug Rat (30sks) and Mouse (20sks) holes.
5:45					Wash up pump truck.
					Job Complete.
					Thank You
					Clarence, Mike, Edmundo



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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
1718-02257 A

DATE _____ TICKET NO. _____

DATE OF JOB 8-2-10		DISTRICT KANSAS		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 Inc.				LEASE Limestone Farms #1-70						WELL NO.	
ADDRESS				COUNTY Barton 20-17-15						STATE KANS.	
CITY				STATE						SERVICE CREW A. Wertz, C. Veach, M. McGraw	
AUTHORIZED BY				JOB TYPE: Sq. Per fs						CRW	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME		
28443 P.U.	2 1/2						8-1-10	PM	300		
27443 Pt.	2 1/2					ARRIVED AT JOB	8-2-10	AM	830		
19832/21010	2 1/2					START OPERATION	8-2-10	AM	900		
						FINISH OPERATION	8-2-10	PM	1130		
						RELEASED	8-2-10	AM	1200		
						MILES FROM STATION TO WELL	70-miles				

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 100	Common		25-Slc		\$ 900.00
CP 100	Common		50-Slc		15800.00
CC105	Deformer Powder		6-1b		\$ 24.00
CC129	FIA-322		24-1b		\$ 180.00
E100	unit mileage charge Pickup		70-mi		\$ 297.50
E101	Heavy Equip. mileage		140mi		\$ 980.00
E113	Bulk Delivery chg.		249-TM		\$ 397.00
CE204	Depth Charge 3001-4000'		1-4hrs		\$ 2160.00
CE240	Blending + mixing Service chg.		75-Slc		15,105.00
S003	Service Supervisor First 8hrs on Loc		1-en		\$ 175.00
CE500	Cement Squeeze Manuf. fold.		1-en		\$ 930.00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL

KG \$3331.50

SERVICE REPRESENTATIVE

[Signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

[Signature]

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>L.D. Drilling INC</i>	Lease No.	Date <i>8-2-10</i>
Lease <i>Limestone Farms</i>	Well # <i>1-20</i>	
Field Order # <i>02257A</i>	Station <i>Pratt KS</i>	Casing <i>5/2</i>
		Depth <i>3617</i>
Type Job <i>Squeeze Perfs</i>	Formation <i>CMW</i>	County <i>Barton</i>
		State <i>KS</i>
		Legal Description <i>20-17-15</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME @ 15.6 #		
Casing Size <i>5/2</i>	Tubing Size <i>2 1/8</i>	Shots/Ft <i>25 SKS</i>		Acid <i>SKS com. w/ 10% FIA</i>	RATE <i>322 +</i>	PRESS <i>25%</i>	ISIP <i>Deform</i>	
Depth <i>3617</i>	Depth <i>3463</i>	From <i>3562-66</i>	To <i>50</i>	Pre Pad <i>SKS com. @ 15.6 #</i>	Max		5 Min.	
Volume	Volume <i>20</i>	From <i>3571-74</i>	To	Pad	Min		10 Min.	
Max Press	Max Press <i>2000 #</i>	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth <i>3463</i>	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>L.D. Davis</i>	Station Manager <i>Scotty</i>	Treater <i>Allen F. Worth</i>
Service Units <i>28443 27463 19832 21010</i>		
Driver Names <i>A. Worth Veach Mike McGinn</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
830					on Loc. Discuss Safety Setup Plan Job
945	500#		15		Rig Running Tbg 2 7/8" Davis Packer's
		700#		2 1/2	PKR @ 3463 Load ANN. OK
1000		700#		2 1/2	Take inj Rate down Tbg @ 3463
			5		mit 25 SKS common w/ 10% FIA-
		700#	10	2 1/2	322 .25% Deform.
				2	mix 50 SKS common. "Neat"
1017		2000#	13		Start D. sp. Tbg cap 20 BBLs
		0#			13 BBLs Total out 2000#
1020	700#			1 1/2	Release PSI - Dry
			21		Rev out - Short way.
1037		950#			Pump 21 BBLs clean
					Rep PSI sg. Tool set @ 3463'
	400#		30		wash down thru sg to 3617
1120		500#			+ clean up hole pump 30 BBLs
					Reset Tool @ 3463 - PSI on sg. OK
					Pull PKR.
					washup Equip & Rack up.
1200					Job complete
					thanks Allen, Chris, M. McGinn
					Kevin

Company **L D Drilling, Inc.**
 Address **7 SW 26th Ave.**
 CSZ **Great Bend, KS 67530**
 Attn. **Kim Shoemaker**

Lease Name **Limestone Farms**
 Lease # **1-20**
 Legal Desc **S/2 SE NE NE**
 Section **20**
 Township **17S**
 County **Barton**
 Drilling Cont **Mallard Drilling #1**

Job Ticket **3084**
 Range **15W**
 State **KS**

Comments **Field: Pospishel**

GENERAL INFORMATION

Test # **1** Test Date **6/15/2010**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test

of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **53.0** Viscosity **9.0**
 Filtrate **12.0** Chlorides **3000**

Drill Collar Len **243.0**
 Wght Pipe Len **0**

Formation **Lansing B-D**
 Interval Top **3317.0** Bottom **3370.0**
 Anchor Len Below **53.0** Between **0**
 Total Depth **3370.0**

Blow Type **Weak blow building to 1/4" initial flow period. Times: 30, 30.**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **13767**
 Mid Recorder #
 Bott Recorder # **w1023**

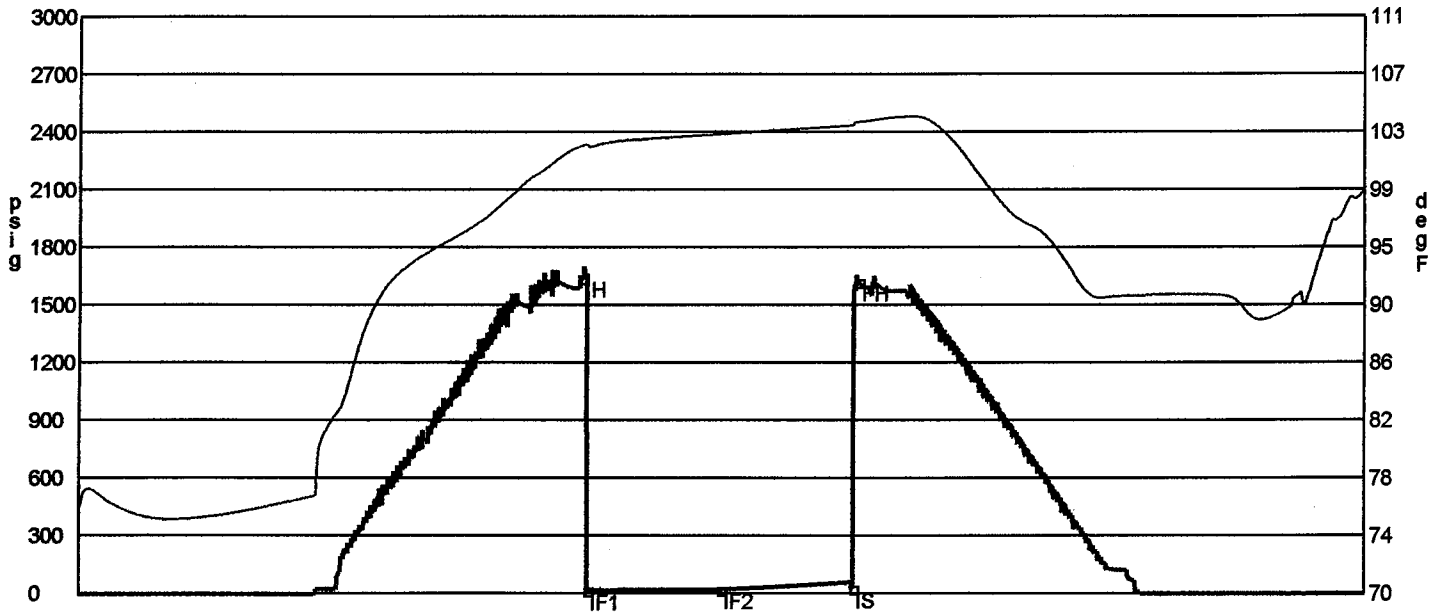
Mileage **28** Approved By
 Standby Time **0**
 Extra Equipmnt **Safety Joint**
 Time on Site **7:00 AM**
 Tool Picked Up **9:00 AM**
 Tool Layed Dwn **12:40 PM**

Elevation **0** Kelley Bushings **2021.00**

Start Date/Time **6/15/2010 8:27 AM**
 End Date/Time **6/15/2010 1:19 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
20	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100% 20ft
DST Fluids	0				



	Date	Time	Pressure	Temp	
IH	6/15/2010 10:20:40 AM	1.894444	1639.671	101.829	Initial Hydro-static
IF1	6/15/2010 10:22:00 AM	1.916667	13.323	101.886	Initial Flow (1)
IF2	6/15/2010 10:52:10 AM	2.419444	19.387	102.662	Initial Flow (2)
IS	6/15/2010 11:22:30 AM	2.925	23.646	103.267	Initial Shut-In
FH	6/15/2010 11:23:40 AM	2.944444	1618.56	103.525	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **L D Drilling, Inc.**
 Address **7 SW 26th Ave.**
 CSZ **Great Bend, KS 67530**
 Attn. **Kim Shoemaker**

Lease Name **Limestone Farms**
 Lease # **1-20**
 Legal Desc **S/2 SE NE NE**
 Section **20**
 Township **17S**
 County **Barton**
 Drilling Cont **Mallard Drilling #1**

Job Ticket **3084**
 Range **15W**
 State **KS**

Comments **Field: Pospishel**

GENERAL INFORMATION

Test # **2** Test Date **6/15/2010**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test

of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **9.4** Viscosity **48.0**
 Filtrate **8.5** Chlorides **5000**

Drill Collar Len **243.0**
 Wght Pipe Len **0**

Formation **Lansing E & F**
 Interval Top **3367.0** Bottom **3400.0**
 Anchor Len Below **33.0** Between **0**
 Total Depth **3400.0**

Blow Type **Weak blow building to 1" initial flow period. Surface blow during final flow period. Times: 30, 30, 30, 30.**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **13767**
 Mid Recorder #
 Bott Recorder # **w1023**

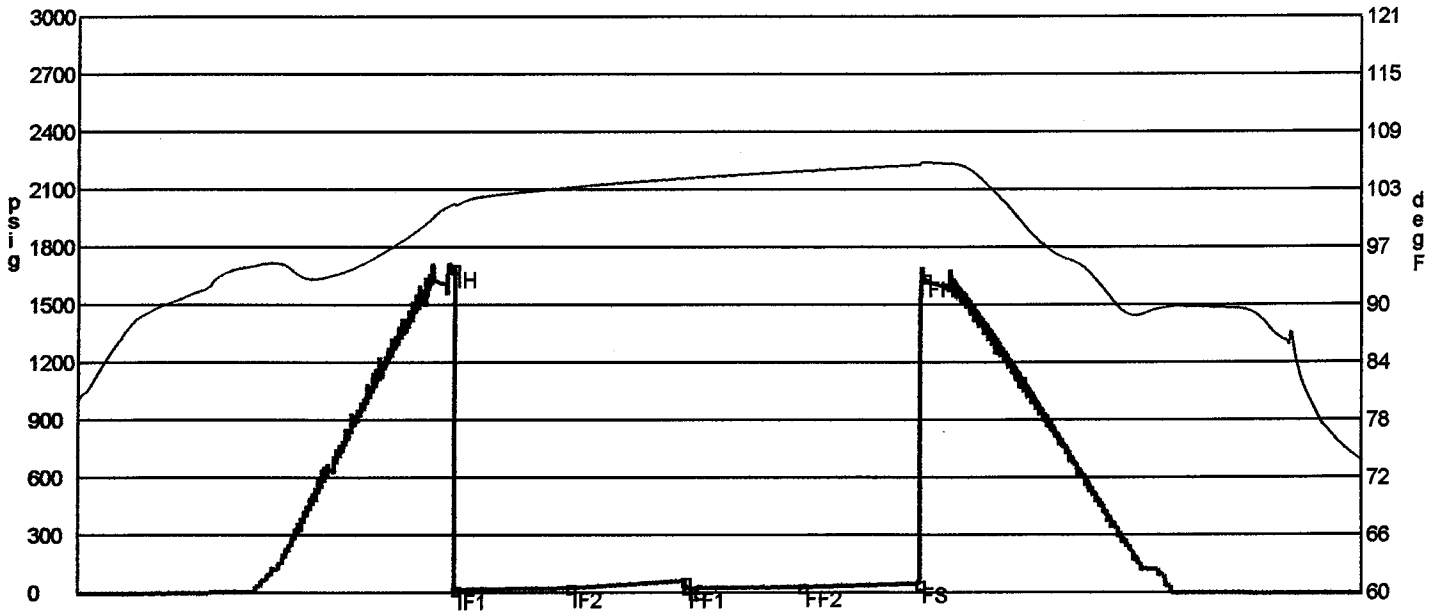
Mileage **44** Approved By
 Standby Time **0**
 Extra Equipmnt **Safety Joint**
 Time on Site **6:30 PM**
 Tool Picked Up **7:50 PM**
 Tool Layed Dwn **1:00 AM**

Elevation **0** Kelley Bushings **2021.00**

Start Date/Time **6/15/2010 7:50 PM**
 End Date/Time **6/16/2010 1:21 AM**

RECOVERY

Feet	Description	Gas		Oil		Water		Mud
35	Slight oil cut mud	0%	0ft	1%	0.4ft	0%	0ft	99% 34.6ft
DST Fluids		0						



	Date	Time	Pressure	Temp	
IH	6/15/2010 9:25:40 PM	1.594444	1690.276	101.163	Initial Hydro-static
IF1	6/15/2010 9:26:10 PM	1.602778	14.805	101.075	Initial Flow (1)
IF2	6/15/2010 9:56:10 PM	2.102778	24.116	102.946	Initial Flow (2)
IS	6/15/2010 10:25:50 PM	2.597222	61.24	103.91	Initial Shut-In
FF1	6/15/2010 10:26:10 PM	2.602778	21.153	103.919	Final Flow (1)
FF2	6/15/2010 10:56:00 PM	3.1	28.004	104.656	Final Flow (2)
FS	6/15/2010 11:26:30 PM	3.608333	46.449	105.319	Final Shut-In
FH	6/15/2010 11:27:40 PM	3.627778	1640.487	105.575	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **L D Drilling, Inc.**
 Address **7 SW 26th Ave.**
 CSZ **Great Bend, KS 67530**
 Attn. **Kim Shoemaker**

Lease Name **Limestone Farms**
 Lease # **1-20**
 Legal Desc **S/2 SE NE NE**
 Section **20**
 Township **17S**
 County **Barton**
 Drilling Cont **Mallard Drilling #1**

Job Ticket **3084**
 Range **15W**
 State **KS**

Comments **Field: Pospishel**

GENERAL INFORMATION

Test # **3** Test Date **6/16/2010**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole Successful Test**
 # of Packers **2.0** Packer Size **6 3/4**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **13767**
 Mid Recorder #
 Bott Recorder # **w1023**

Mud Type **Gel Chem**
 Mud Weight **9.4** Viscosity **46.0**
 Filtrate **16.0** Chlorides **12000**

Mileage **44** Approved By
 Standby Time **0**
 Extra Equipmnt **Safety Joint**
 Time on Site **2:00 PM**
 Tool Picked Up **3:40 PM**
 Tool Layed Dwn **9:30 PM**

Drill Collar Len **243.0**
 Wght Pipe Len **0**

Elevation **0** Kelley Bushings **2021.00**

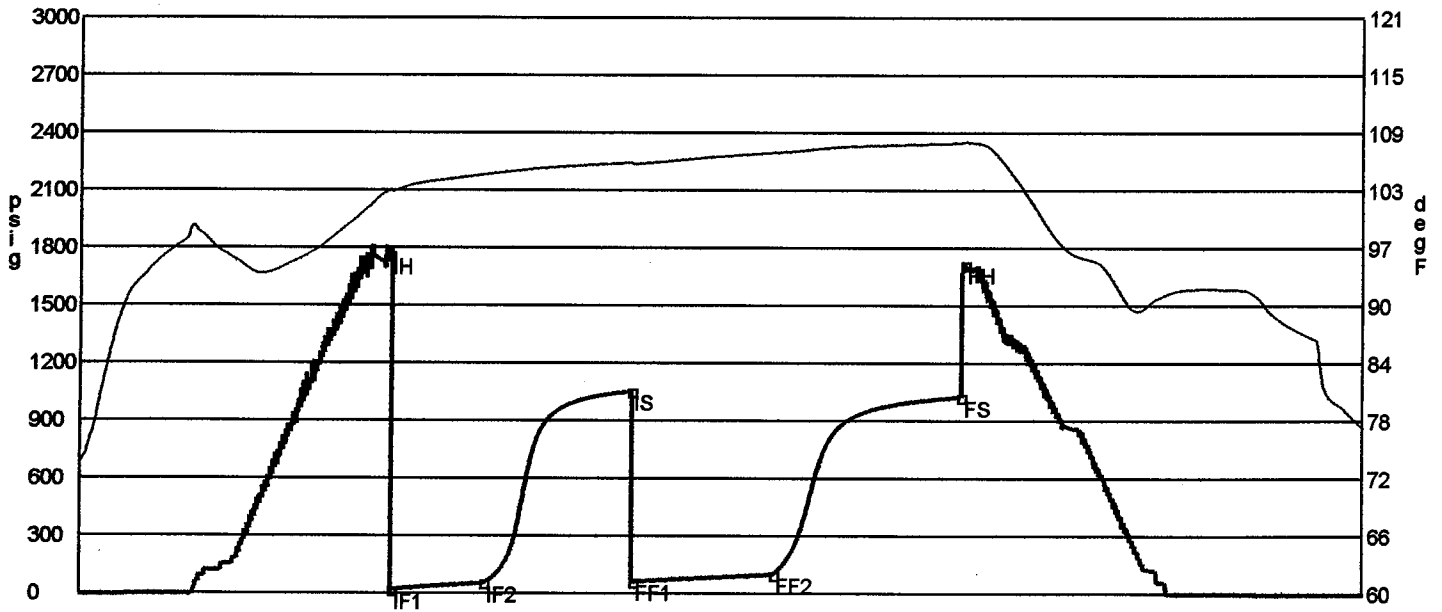
Formation **Arbuckle**
 Interval Top **3528.0** Bottom **3581.0**
 Anchor Len Below **53.0** Between **0**

Start Date/Time **6/16/2010 3:29 PM**
 End Date/Time **6/16/2010 10:11 PM**

Total Depth **3581.0**
 Blow Type **Weak blow building to 5" initial flow period. Weak blow building to 7" final flow period. Times: 30, 45, 45, 60.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
200	Heavy oil cut mud	0% 0ft	32% 64ft	0% 0ft	68% 136ft
DST Fluids 0					



	Date	Time	Pressure	Temp	
IH	6/16/2010 5:04:40 PM	1.594444	1761.505	102.677	Initial Hydro-static
IF1	6/16/2010 5:05:40 PM	1.611111	17.238	102.624	Initial Flow (1)
IF2	6/16/2010 5:34:50 PM	2.097222	53.773	104.414	Initial Flow (2)
IS	6/16/2010 6:20:40 PM	2.861111	1052.132	105.655	Initial Shut-In
FF1	6/16/2010 6:21:20 PM	2.872222	61.922	105.527	Final Flow (1)
FF2	6/16/2010 7:05:20 PM	3.605556	98.988	106.708	Final Flow (2)
FS	6/16/2010 8:04:20 PM	4.588889	1023.353	107.733	Final Shut-In
FH	6/16/2010 8:05:10 PM	4.602778	1716.163	107.844	Final Hydro-static

KIM B. SHOEMAKER

CONSULTING GEOLOGIST
316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
LEASE *1-20 LIMESTONE FARMS
FIELD WILDCAT
LOCATION 1290' FNL & 330' FEL
SEC 20 TWSP 17s RGE 15W
COUNTY BARTON STATE KANSAS
CONTRACTOR MALLARD DRILLING
SPUD 6-10-10 COMP 6-17-10
RTD 3681 LTD 3675
MUD UP 2800 TYPE MUD CHEMICAL

ELEVATIONS
KB 2021
DF _____
CL 2016
Measurements Are All
From 2021 KB
CASING
SURFACE 8516' @ 1011'
PRODUCTION 5 1/2" @
ELECTRICAL SURVEYS
DUAL IND., DENS.-N.

SAMPLES SAVED FROM 3000 TO 3681
DRILLING TIME KEPT FROM 2800 TO 3681
SAMPLES EXAMINED FROM 3000 TO 3681
GEOLOGICAL SUPERVISION FROM 3200 TO 3681
GEOLOGIST ON WELL KIM B. SHOEMAKER

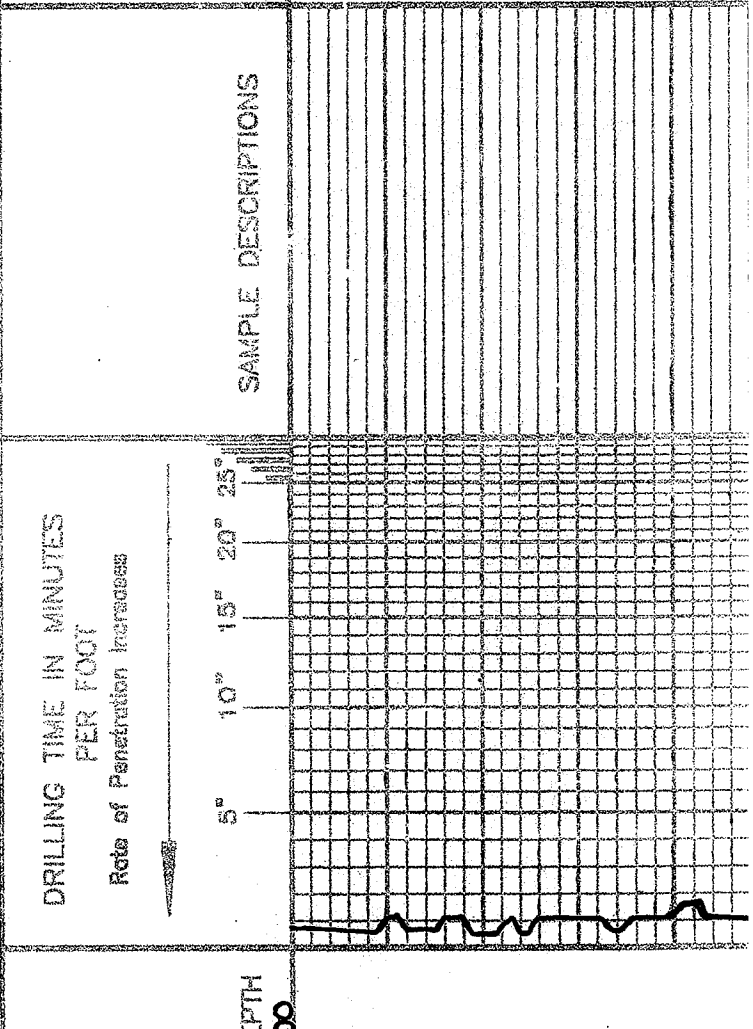
FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	1044 - 977	1051 - 970
TOPEKA	3006 - 985	3015 - 994
HEEBNER	3237 - 1216	3246 - 1225
LANSING	3297 - 1276	3305 - 1284
B/KC	3525 - 1504	3531 - 1510
ARBUCKLE	3564 - 1540	3568 - 1547

API: 15-009-25431

SPUD 783'
1188'
2244'
2842'
3370'
3471'
3681'

LEGEND

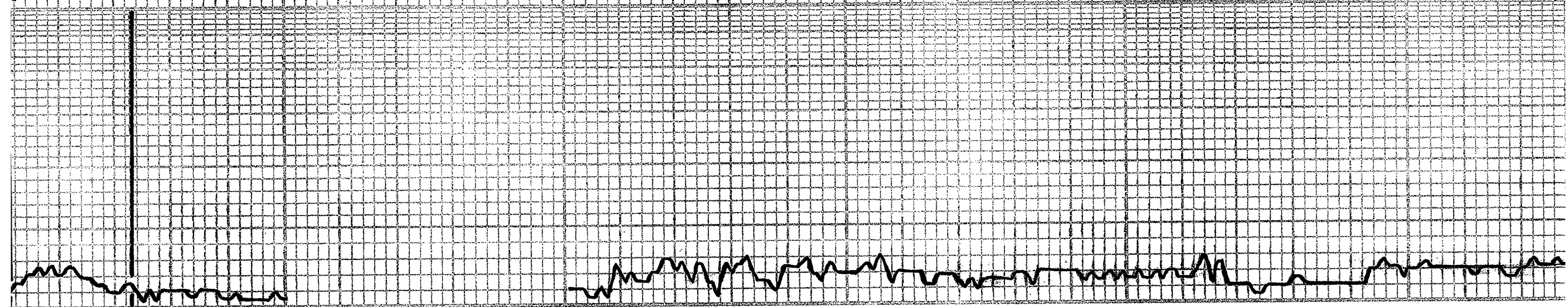
- Anhydrite
- Salt
- Sandstone
- Shale
- Carb. sh
- Limestone
- Coal/Lime
- Chert
- Dolomite



REMARKS

SAMPLE DESCRIPTIONS

SIAMH. 1073+948



50

800

900

VIS: 72
WT: B9
WC: 78.0
LWC: 1800

V TOP LOS

1000

1100

1200

Sh. Lily Cr. Sdy. Silty

TOPERA 3015-99A

ls. To Lily. For. b. w/ Co. sp. r.

ls. To q. Sil. A

ls. G. VSI For. VSI A

ls. To q. VSI For. DM.

ls. w/ Lily. Sil. For. Si. Chly.

ls. To w/ VSI For. Si. Chly.

Sh. G. PKy

Sh. Lily.

ls. Bulq Si. For.

Sh. Lily. b.

ls. To w/ VSI For. Si. Chly.

ls. To q. VSI For.

Sh. Bulq. bk.

ls. To w/ Si. For.

ls. To w/ Si. For. VSI A VSI Chly.

ls. To w/ Si. For. Si. Chly.

ls. To q. VSI For. VSI A

ls. To w/ VSI A

ls. To q. VSI For. VSI Chly.

HEEBNER 3296-1225
Sh. Bulq. Chly.

TORONTO

DOUGLAS

3300

LANSING 3305-1284

DST (1) 3317-3370

1500ft: 14 Blow
30-30

Rec. 20' Mud

FP: 13.10°
SIP: 24 ft

Temp. 103° F

DST (2) 3367-3400

1500ft: 1° Blow
2° Blow: surf. Blow

30' 30-30-30

Rec. 35' 1500ft (1/100)

FP: 15.24 21-28°
SIP: 61-46°

Temp. 102° F

DST (1)

DST (2)

V15: 48
W17: 3.4
W18: 10.8
CML: 5000

Cl. T. wd. VSI. Foss. Sil. Chalk
Cl. wd. Ltg. VSI. Foss. VSI. A
Sh. Rd. Ltg. G.

Sh. Ltg. G. Silty

Cl. T. wd. Sil. Foss. Sil. A

Cl. DE. B. G. wd. Sil. A

Sh. Ltg. B. G. Soft

Cl. T. wd. Sil. Foss. Sil. A. P. Y. G. B.
Sp. Rd. Sh. T. G. D. L. F. B. No. Odor
Sh.

Cl. wd. Ltg. wd. Sil. Foss. F. G. B. P.
SPAL Y. G. B. / Sh. V. S. F. D. D. L. F. B. No. Odor

Cl. wd. Ltg. VSI. Foss. VSI. Chalk

Cl. wd. Sil. Chalk

Sh. G. G.

Sh. G.

Cl. wd. Ltg. Sil. Chalk. P. Y. G. B.
SPAL. Rd. Sh. T. G. No. Foss. No. Odor

Cl. T. G. Sh. Foss. P. Y. G. B.
D. L. F. B. Sh. V. S. F. D. No. Foss. No. Odor
Sh. Ltg.

Cl. G. wd. P. G. B. DE. Rd. Sp. Rd. Sh.
SPAL. Rd. Foss. No. Odor

Cl. T. wd. wd. Sil. Foss.

Cl. wd. Ltg. Sil. Chalk

Cl. T. wd. VSI. A

Sh. G.

Cl. T. wd. Sil. Foss. Sil. Chalk

Cl. T. Rd. Sil. A

Cl. T. Sil. Foss. Foss. P. Y. G. B.
Rd. Sh. V. S. F. D. T. G. No. Foss. No. Odor

Cl. wd. Ltg. Sil. Foss. Sil. A. P. Y. G. B.
Rd. DE. Rd. Ltg. V. S. F. D. No. Foss. No. Odor

Sh. G. G.

Cl. T. Ltg. YSI. Foss. Calcitic

Cl. T. Rd. Sil. Foss. Sil. A

Cl. wd. Chalk

Sh. Blue. G.

Cl. Ltg. VSI. Foss. Sil. A

B/KC

3531-1510

DST (3)

3500

3500

3600

3700

Cl. T. R. SH. 501. S. A

Cl. wt. chalk

Sh. Blue L.

Cl. 415. VSI. 501. S. A

B/KC 3531-1510

Sh. Rd. Blue G. G.

A Fine gr. Milticolind. Orange. G. L. wt.

DST (3)

VIS: 96

WT: 9.9

WL: 16.0

CNO: 12000

DST (3) 3528-3581

15' down: Blow built to 5"

2nd Bore: 4" 11" 7"

SS: None

BB: "

30-45-45-60

Sh. Cl. Blue

ARBUCKLE 3568-1517

Dol. G. Miltolin. F. Veg. T. Choc. ON SPH. SH. YSSFB. Dull. Floor. No. 000

Dol. G. Coxin. VSI. A. F. Veg. R. Sp. 50. 55 Fo. T. Cal. Dull. Floor. Fr. 000

Dol. G. Miltolin. Coxin. F. Veg. R. Sp. 50. 55 Fo. Dull. Floor. Fr. 000

Dol. G. Miltolin. F. Veg. R. Sp. 50. 55 Fo. Dull. Floor. Fr. 000

Dol. G. Coxin. F. P. Veg. Sp. 50. 55 Fo. VSSFB. Dull. Floor. Fr. 000

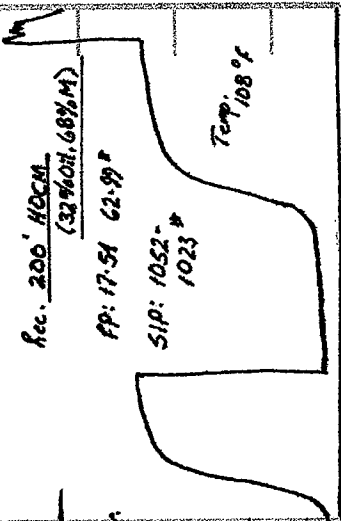
Dol. G. Miltolin. VSI. A. Fr. 000. No. 000

Dol. wt. g. Fresh

Dol. G. Miltolin VSI. A

Dol. G. Coxin. Sp. 50. Co. R. L. S.

Dol. wt. Coxin. VSI. A



RTD 3681-1600

