



KANSAS CORPORATION COMMISSION 1057817
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 # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: KIM SHOEMAKER
Purchaser: M V PURCHASING

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD S1OW
 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 #: _____
04/20/2011 04/28/2011 07/01/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-097-21692-00-00
Spot Description: _____
N2_SW_SW_SW Sec. 27 Twp. 27 S. R. 18 East West
585 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Kiowa
Lease Name: ANTHONY 'B' Well #: 3-27
Field Name: GREENSBURG
Producing Formation: VIOLA
Elevation: Ground: 2200 Kelly Bushing: 2211
Total Depth: 4932 Plug Back Total Depth: 4909
Amount of Surface Pipe Set and Cemented at: 484 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: 7000 ppm Fluid volume: 400 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Oil Producers of Kansas
Lease Name: Watson #2 License #: 8061
Quarter SW Sec. 8 Twp. 29 S. R. 15 East West
County: PRATT Permit #: D24324

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: Deanna Garrison Date: 08/24/2011



1057817

Operator Name: L. D. Drilling, Inc. Lease Name: ANTHONY 'B' Well #: 3-27
 Sec. 27 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 type="checkbox"/> Yes <input checked="" 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: DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG SONIC CEMENT BOND LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>HEEBNER</td> <td>4042</td> <td>-1831</td> </tr> <tr> <td>BROWN LIME</td> <td>4193</td> <td>-1982</td> </tr> <tr> <td>LANSING</td> <td>4202</td> <td>-1991</td> </tr> <tr> <td>BASE KANSAS CITY</td> <td>4594</td> <td>-2383</td> </tr> <tr> <td>CHEROKEE</td> <td>4718</td> <td>-2507</td> </tr> <tr> <td>LOWER KIND SAND</td> <td>4811</td> <td>-2600</td> </tr> <tr> <td>VIOLA</td> <td>4858</td> <td>-2647</td> </tr> </tbody> </table>	Name	Top	Datum	HEEBNER	4042	-1831	BROWN LIME	4193	-1982	LANSING	4202	-1991	BASE KANSAS CITY	4594	-2383	CHEROKEE	4718	-2507	LOWER KIND SAND	4811	-2600	VIOLA	4858	-2647
Name	Top	Datum																							
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LOWER KIND SAND	4811	-2600																							
VIOLA	4858	-2647																							

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	484	A-CONN	175	3%CC, 1/4#CF
SURFACE - CONT	12.25	8.625	23	484	COMMON	200	2%Gel, 3%CC, 1/4#CF
PRODUCTION	7.875	5.5	14	4928	60/40 POZMIX	200	1/4#CF, 18%Salt, 1/4#DeFoamer

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4811-1819	COMMON	100	.25%Defoamer, .5%FLA-322

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4811 - 4819'	1000 gal 10% HCL Acid	
		750 gal 15% HCL Acid	
		17000 gal Profrac LG 2500 & Progel	
		9924 gal Profrac LG 2500 & Progel	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>4839</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>07/19/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" 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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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 03887 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-21-11		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.A. Drilling Inc.		LEASE Anthony B		WELL NO. 3-27					
ADDRESS		COUNTY Kiowa 27-27-18		STATE KANSAS					
CITY		STATE		SERVICE CREW A. Weith, C. Messick					
AUTHORIZED BY		JOB TYPE 8 5/8" Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 4-20-11	DATE 4-21-11	AM 730	TIME
28443 P.U.	1 1/2								
33708-20920	1 1/2								
19832-19862	1 1/2								
						ARRIVED AT JOB	4-21-11	AM 1030	
						START OPERATION	4-21-11	PM 300	
						FINISH OPERATION	4-21-11	PM 430	
						RELEASED	4-21-11	PM 545	
						MILES FROM STATION TO WELL 30-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	A-CON Blend Common	SK	175		\$ 3150.00
CP100	Common	SK	200		\$ 3200.00
CC102	cell Flake	lb	94		\$ 347.80
CC109	calcium Chloride	lb	1059		\$ 1111.85
CC200	Cement Gel	lb	326		\$ 94.00
CF106	Top Rubber cement Plug 8 5/8"	EA	1		\$ 225.00
CE131	sugar	lb	50		\$ 100.00
E100	unit mileage charge Pickup	mi	30		\$ 127.50
E101	Heavy Equip mileage charge	mi	60		\$ 420.00
F113	Bulk Delivery Charge	T.M.	530		\$ 847.20
GE200	Depth Charge 0-500	4-hr	1		\$ 1000.00
CE240	Bleaching Training Source Chg	SK	375		\$ 525.00
CE503	Drill Chg. 12" up	EA	1		\$ 300.00
CE504	Plug Container Utilization Chg. Job	Job	1		\$ 250.00
5003	Service Supervisor First Shift	EA	1		\$ 125.00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL

DLS 9142.56

SERVICE REPRESENTATIVE <i>A. Weith</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.O. Drilling, Inc.	Lease No.	Date 4-21-11
Lease Anthony B	Well # 3-27	
Field Order # 03882A	Station Pratt	Casing 8 5/8
Type Job 8 5/8" SURFACE	Formation GNW	Depth 484'
		County Kiowa
		State Ks
		Legal Description 27-27-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8"	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth 484'	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 27.6	Volume	From	To	Pad	Min		10 Min.	
Max Press 500 #	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 464'	Packer Depth	From	To	Flush DISP. H 20	Gas Volume		Total Load	

Customer Representative Walt	Station Manager Scotty	Treater Allen
Service Units 28443 2370X 20920 19832 19862		
Driver Names Worth Clarence Messitt JARD D		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1030 PM					ON Loc. Discuss Safety, Setup Plan Job
1150					Rig Drilling @ 384'
1210 AM 4-21-11					Hole cut 284' - CIR
125					Start out of Hole w/ Bit
					Start 8 5/8 csg. 23 #
					Pipe @ 484' - AS Landing Joint
300					12' IN AIR CIR w/ Rig
350	200 #		166	5	Mix 175 SKS A-con @ 12.6 #
				5	Mix 200 SKS Common 2% gel,
					3% OCC 1/4" C.F @ 15 #
			48		Finish mix
					Drop Top Rubber Plug 8 5/8"
420				5	Start DISP.
430	400 #		29.6	3	Plug down - Shut IN @ well
	0 #				Release PSI.
					wash up + Rack up equip.
545					Job complete.
					Thanks
					Allen, Clarence
					JARD



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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 03671 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-28-2011 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 LD DRILLING, INC.				LEASE ANTHONY 'B' WELL NO. 3-27			
ADDRESS				COUNTY KIOWA STATE Ks.			
CITY STATE				SERVICE CREW LESLEY, GORDLEY, MITCHELL, McGRAW			
AUTHORIZED BY LD DAVIS				JOB TYPE (NW) - 5 1/2" L.S.			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 4-28-11 TIME 3:00 PM
19870	1					ARRIVED AT JOB	5:00 PM
19907	1					START OPERATION	6:00 PM
27463	1					FINISH OPERATION	10:30 PM
19826-19860	1					RELEASED	11:30 PM
						MILES FROM STATION TO WELL	30

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	SK	800		2,400.00	
CP 103	60/40 POZ	SK	50		600.00	
CC 102	CELLFLAKE	lb	50		185.00	
CC 105	C-41P	lb	43		172.00	
CC 111	SALT	lb	1,777		888.50	
CC 112	CEMENT FRICTION REDUCER	lb	129		774.00	
CC 201	GILSONITE	lb	1,000		670.00	
CF 103	TOP RUBBER PLUG, 5 1/2"	EA	1		105.00	
CF 251	GUIDE SHOE - REGULAR, 5 1/2"	EA	1		250.00	
CF 1451	FLAPPER TYPE INSERT FLUAT VALVE	EA	1		215.00	
CF 1651	TURBOLIZER, 5 1/2"	EA	6		660.00	
C 704	CLAYMAX - KCL SUBSTITUTE	GAL	1		35.00	
CC 151	MUDFLUSH	GAL	500		430.00	
E 100	PICKUP MILEAGE	MI	30		127.50	
E 101	HEAVY EQUIPMENT MILEAGE	MI	60		420.00	
E 113	BULK DELIVERY CHARGE	TM	323		516.00	
CE 205	DEPTH CHARGE, 4001 - 5000'	HR	1-4		2,520.00	
CE 240	BLENDING SERVICE CHARGE	SK	250		350.00	
CE 504	PLUG CONTAINER CHARGE	WBS	1		250.00	
S003	SERVICE SUPERVISOR	EA	1	175.00		
					SUB TOTAL	9,042.11

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE *Kevin Lesley* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *LD Davis*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD DRILLING, INC.	Lease No.	Date 4-28-2011
Lease ANTHONY 'B'	Well # 3-27 TD	
Field Order # 3671	Station PRATT, KS.	Casing 5/2"
Type Job CNW-5 1/2" L.S.	Depth 4932'	County KIOWA
	Formation TD-4932	State Ks.
		Legal Description 27-27-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2"	Tubing Size	Shots/Ft	CMT -	Acid 200SK 60/40 P02	RATE	PRESS	ISIP	
Depth 4928'	Depth	From	To	Pre Pad (2) 1.34 cu ft	Max		5 Min.	
Volume 120	Volume	From	To	Pad	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4928'	Packer Depth	From	To	Flush 120 BBL	Gas Volume		Total Load	

Customer Representative L.D. DAVIS	Station Manager D. SCOTT	Treater K. LESLEY
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Service Units	19870	19907	27463	19826	19800				
Driver Names	LESLEY	GURLEY	MITCHEL	MICHAEL					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00 PM					ON LOCATION - SAFETY MEETING
					RUN 117 JTS. OF 5 1/2" X 14" CSG.
					CENT - 1, 3, 5, 7, 9, 11 (14' SHOE JOINT)
8:50 PM					CSG. ON BOTTOM - SET AT 4927'
9:00 PM					HOOK UP TO CSG / BREAK CIRC. W/ RIG
9:50 PM	300		20	6	2% KCL 120'
9:53 PM	300		12	6	MUD FLUSH
9:55 PM	200		3	6	H2O SPACER
10:01 PM	100		34	6	MIX 200SK 60/40 P02 @ 15.4 PPG
10:05 PM					WASH PUMP & LINE CLEAN
10:07 PM					DROP PLUG
10:08 PM	0		0	6	START DISPLACEMENT
10:30 PM	400		92	5	LIFT PRESSURE
10:42 PM	500		110	4	SLOW RATE
10:45 PM	1000		120	4	PLUG DOWN - HELD
					CIRC. THRU JOB
			6, 4		PLUG R.H. & M.H.
					JOB COMPLETE,
					THANKS -
					KEEVEN LESLEY



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

FIELD SERVICE TICKET
1718 03915 A

DATE _____ TICKET NO. _____

DATE OF JOB: 6-6-11		DISTRICT: KANSA		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.O. Drilling INC		LEASE: Anthony B		WELL NO: 27					
ADDRESS:		COUNTY: KIOWA		STATE: KANSAS					
CITY:		STATE:		SERVICE CREW: Allen, Joe, Dale					
AUTHORIZED BY:		JOB TYPE: SQ Perfs							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE: 6-5-11	AM/PM	TIME
28443 P.U	3					ARRIVED AT JOB	6-6-11	AM/PM	800
33708-20920	3					START OPERATION	6-6-11	AM/PM	830
19960-19918	3					FINISH OPERATION	6-6-11	AM/PM	1130
						RELEASED	6-6-11	AM/PM	1200
						MILES FROM STATION TO WELL	30 m. lcs		

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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
CP100	Common	SK	50		\$ 800.00
CP100	Common	SK	50		\$ 800.00
CC105	C-41P	lb	12		\$ 48.00
CC112	cement Friction Reducer	lb	24		\$ 144.00
CC129	FIA-322	lb	24		\$ 180.00
F100	unit mileage charge P.U.	mi	30		\$ 127.50
F101	Heavy Equip Mileage	mi	160		\$ 420.00
F113	Bulk Deliver Charge	TM	141		\$ 225.00
CE205	Depth Charge 400' 500'	4hr	1		\$ 2500.00
CE242	Blending & mixing Service chg	SK	10.0		\$ 140.00
SO23	Service Supervisor first 8hrs	EA	1		\$ 175.00
CE500	cement SQ manifold	EA	1		\$ 430.00
SUB TOTAL					

CHEMICAL / ACID DATA:			

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

DLS \$4747.98

SERVICE REPRESENTATIVE: <i>Allen F. [Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer L.D. Drilling INC	Lease No.	Date 6-6-11	
Lease Anthony B.	Well # 3-27		
Field Order # 03915A	Station Pratt KS	Casing 5 1/2"	Depth
Type Job SO Perfs.	Formation GNW	County KIOWA	State KS
		Legal Description 27-27-18	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2"	2 1/8"	4811	4819					
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
				50 SKS common	.25%	Defoamer		
Volume	Volume	From	To	Pad	Min		10 Min.	
	27.17			.5% CFR	.5%	FIA-322	@ 15.6 #	
Max Press #	Max Press	From	To	Frac	Avg		15 Min.	
500				50 SKS common	Neat	@ 15.6 #		
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
	41694			Dispo H2O				

Customer Representative	Station Manager Scotty	Treater Allen
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Service Units	2844	33208	20920	19960	19918				
Driver Names	Allen	Joe	Melson	Dale	Phye				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00 AM					on Loc. Discuss Safety, Setup Plans
"	500 #		20	3	Load ANN PKR @ 4694
		50 #	10	2 1/2	Take inj Rate Tbc. 2 1/2 BPM 50 #
			10 1/2	2 1/2	mix 50 SKS w/ .5% DeFoamer
			10 1/2		.5% CFR, .5% FIA-322 @ 15.6 #
					mix 50 SKS common. Neat
					Finish mix, wash up Equip.
		200 #	17		start Dispo caught PSI w/ 19 BBI
		200 #	20		20 BBI's out
		300 #	25		25 BBI's out
9:30		500 #	28		28 BBI's out Stage - Tbg clear
9:45		500 #	28 1/2		28 1/2 BBI's out PSI Falls To 400 #
10:00		500 #	28 1/2		28 1/2 BBI's out Bump sq. PSI Falls To 400 #
10:45		750 #	28 3/4		28 3/4 BBI 750 #
10:50		1000 #	29		29 BBI 1000 #
					Release To TRK Dry.
					wash down thru sq.
11:15	250 #		40		clean up Hole @ 4853
		500 #			PSI Test SQ - 500 # OK.
					Knock Loose Pull Tools

+ thanks Allen - Joe, Dale

KIM B. SHOEMAKER

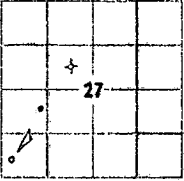
CONSULTING GEOLOGIST
316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY <u>L. D. DRILLING, INC.</u> LEASE <u># 3-27 ANTHONY 1B'</u> FIELD <u>GREENSBURG</u> LOCATION <u>580' FSL & 330' FNL</u> SEC <u>27</u> TWP. <u>27s</u> RGE <u>18w</u> COUNTY <u>KIOWA</u> STATE <u>KANSAS</u>	ELEVATIONS KB <u>2211</u> OF _____ GI <u>2201</u> Measurements Are All From <u>2211 KB</u>
CONTRACTOR <u>VAL ENERGY, RIG 1</u> SPUD <u>4-20-11</u> COMP <u>4-28-11</u> RTD <u>4932</u> LTD <u>4933</u> MUD UP <u>3500</u> TYPE MUD <u>CHEMICAL</u>	CASING SURFACE <u>8 1/2" @ 104'</u> PRODUCTION <u>5 1/2" @</u> ELECTRICAL SURVEYS Dual Ind, Dens - N

SAMPLES SAVED FROM 3900 TO 4932
 DRILLING TIME KEPT FROM 3800 TO 4932
 SAMPLES EXAMINED FROM 3900 TO 4932
 GEOLOGICAL SUPERVISION FROM 4000 TO 4932
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
NEEDLER	4042-1831	4043-1832
BROWN LIME	4193-1982	4194-1983
LANSING	4292-1991	4296-1995
B/KC	4594-2383	4600-2389
CHEROKEE	4718-2507	4720-2509
L/BLIND SAND	4811-2600	4812-2601
VIOLA	4858-2617	4858-2637



REMARKS
 4-20-11
 4-21 @ 484'
 4-22 @ 1516'
 4-23 @ 2036'
 4-24 @ 3550'
 4-25 @ 4282'
 4-26 @ 4710'
 4-27 @ 4932'
 4-28 @ 4932'
 ABC Hobwire & Cboom 3900-70
 Gas. Kicks... not bagged...

LEGEND

- Anhydrite
- Soft
- Sandstone
- Shale
- Carb sh
- Limestone
- Oil. Lime
- Chert
- Dolomite

DRILLING TIME IN MINUTES
Rate of Penetration Increases

REMARKS

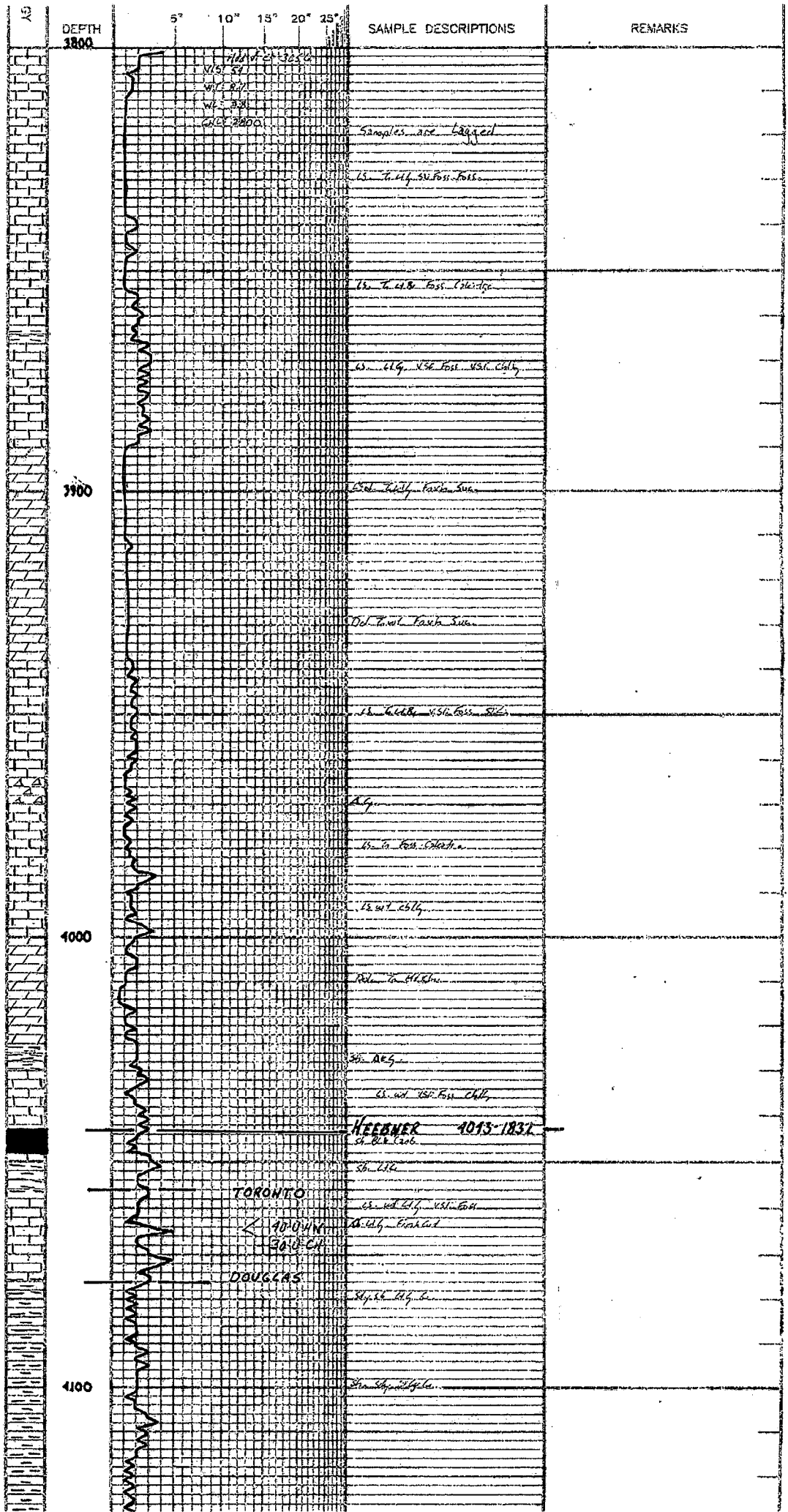
LITHOLOGY

SAMPLE DESCRIPTIONS

Samples are bagged

13 - 7.47 - 50.68 - 601

REMARKS



DEPTH

5° 10° 15° 20° 25°

SAMPLE DESCRIPTIONS

REMARKS

3800

3900

4000

4100

FILED AT 3250
W. 51
W. 52
W. 53
CALC 2000

Samples are bagged

15. T. M. S. Foss. Foss.

16. T. M. S. Foss. Foss.

17. T. M. S. Foss. Foss.

18. T. M. S. Foss. Foss.

19. T. M. S. Foss. Foss.

20. T. M. S. Foss. Foss.

21. T. M. S. Foss. Foss.

22. T. M. S. Foss. Foss.

23. T. M. S. Foss. Foss.

24. T. M. S. Foss. Foss.

25. T. M. S. Foss. Foss.

26. T. M. S. Foss. Foss.

HEEBNER 4015-1837

27. T. M. S. Foss. Foss.

TORONTO

28. T. M. S. Foss. Foss.

ADRIAN
GOLDBER

29. T. M. S. Foss. Foss.

DOUGLAS

30. T. M. S. Foss. Foss.

31. T. M. S. Foss. Foss.



DOUGLAS

Sh. sil. clay. ss.

4100

Sh. sil. clay. ss.

Sh. clay. silty

Sh. sil. clay. ss.

Sh. sil. clay. silty

BROWN LIME 4194-1983

4200

4194-1983

LANSING 4206-1985

ss. w/ sil. sh. clay. silty
ss. fine. conc. silty. conc. silty
sh. sil. clay. ss. w/ sil. sh. clay. silty

ss. fine. silty

← 4194-1983
22-10-211

ss. silty

ss. silty. sh. clay. silty

ss. silty. sh. clay. silty. sh. clay. silty
sh. silty. sh. clay. silty. sh. clay. silty

← 4194-1983
10-11-211

sh. silty

ss. silty. sh. clay. silty

ss. silty. sh. clay. silty

sh. silty

ss. silty. sh. clay. silty

4300

ss. silty. sh. clay. silty

ss. silty. sh. clay. silty

ss. silty. sh. clay. silty

ss. silty. sh. clay. silty

sh. silty

ss. silty. sh. clay. silty

← 4194-1983
10-11-211

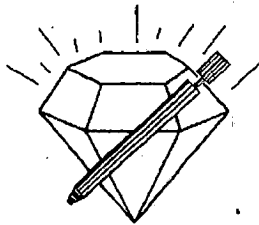
ss. silty. sh. clay. silty

sh. silty

ss. silty. sh. clay. silty

4400

ss. silty. sh. clay. silty



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D945

Company L. D. Drilling, Inc. Lease & Well No. Anthony "B" No. 3-27
Elevation 2211 KB Formation Kinderhook Sand Effective Pay Ft. Ticket No. J2740
Date 4-26-11 Sec. 27 Twp. 27S Range 18W County Kiowa State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,742 ft. to 4,822 ft. Total Depth 4,822 ft.
Packer Depth 4,737 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4,742 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,745 ft. Recorder Number 30046 Cap. 6,000 psi
Bottom Recorder Depth (Outside) 4,819 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Val Energy, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
Mud Type Chemical Viscosity 45 Weight Pipe Length ft. I.D. in.
Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 4,716 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IE in.
Jars: Make Sterling Serial-Number 2 Anchor Length 80 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 3/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. Gas to surface in 18 mins. Strong blow back during shut-in.
2nd Open: Strong blow. Gas to surface throughout. Strong blow back during shut-in.

Recovered 230 ft. of muddy gassy oil = 3.27900 bbls. (Grind out: 20%-mud; 30%-gas; 50%-oil)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Gas gauged a constant 5 MCF/D

Time Set Packer(s)	<u>10:20</u>	<u>XX</u> P.M.	Time Started Off Bottom	<u>1:20</u>	<u>XX</u> A.M.	Maximum Temperature	<u>126°</u>
Initial Hydrostatic Pressure			(A)	<u>2334</u>		P.S.I.	
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>65</u>		P.S.I. to (C)	<u>91</u> P.S.I.
Initial Closed In Period	Minutes	<u>45</u>	(D)	<u>263</u>		P.S.I.	
Final Flow Period	Minutes	<u>45</u>	(E)	<u>94</u>		P.S.I. to (F)	<u>106</u> P.S.I.
Final Closed In Period	Minutes	<u>60</u>	(G)	<u>121</u>		P.S.I.	
Final Hydrostatic Pressure			(H)	<u>2302</u>		P.S.I.	

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: 3-27 ANTHONY "B"

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S27/27S/18W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D945

Test Unit:

Start Date: 2011/04/26 Start Time: 19:45:00

End Date: 2011/04/27 End Time: 04:15:00

Report Date: 2011/04/27 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

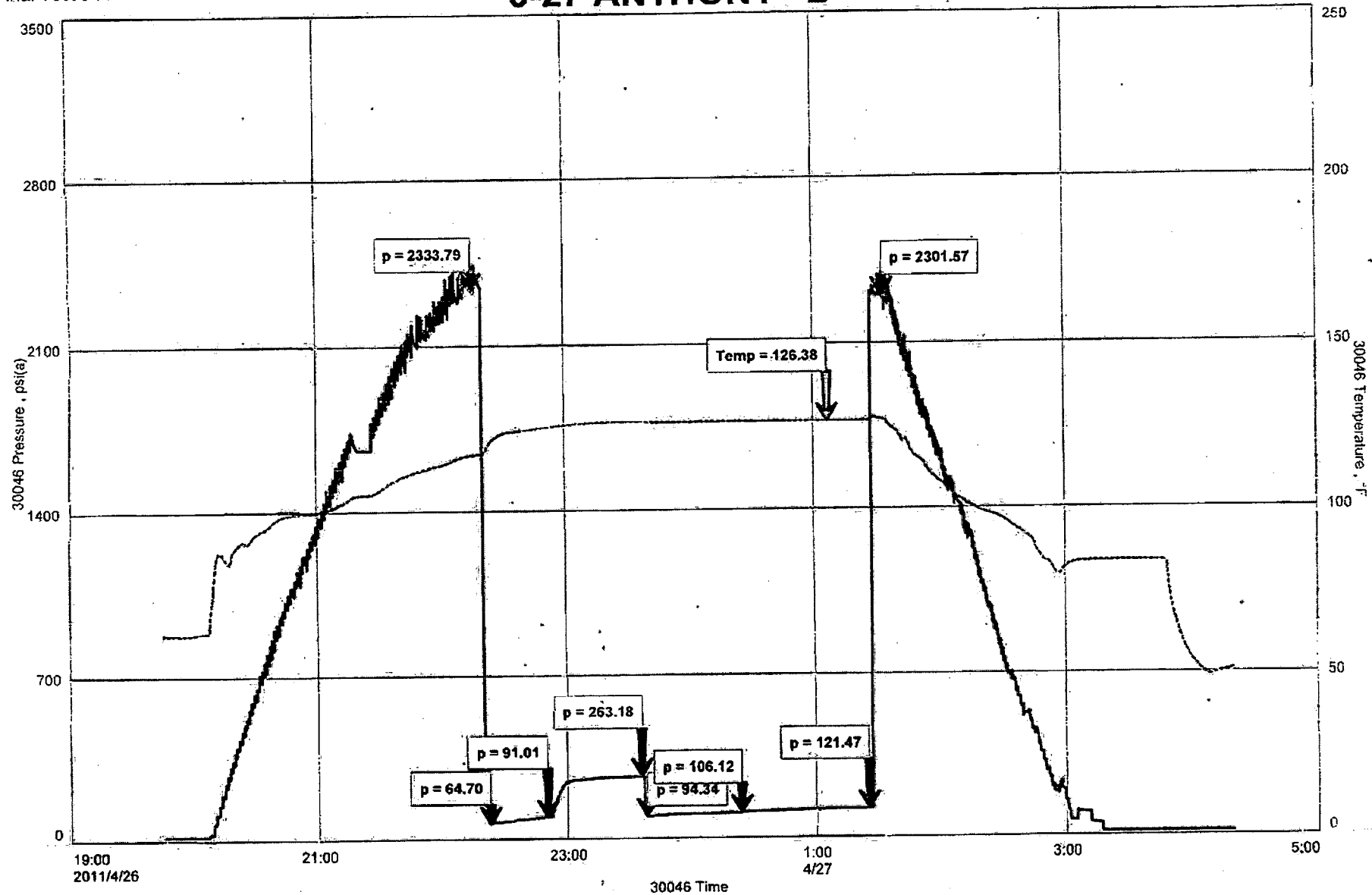
Remarks:

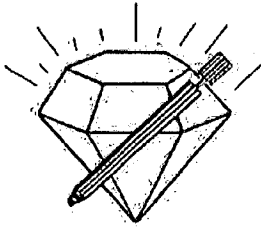
REMARKS: GAS TO SURFACE 1ST FLOW ;GUAGES 5 MCF/D
RECOVERY: 230' MUD CUT GASSY OIL IN DRILL PIPE

L D DRILLING INC
Start Test Date: 2011/04/26
Final Test Date: 2011/04/27

3-27 ANTHONY "B"
Formation: KINDERHOOK SAND
Job Number: D945

3-27 ANTHONY "B"





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D946

Company L. D. Drilling, Inc. Lease & Well No. Anthony "B" No. 3-27
Elevation 2211 KB Formation Kinderhook Sand Effective Pay -- Ft. Ticket No. J2741
Date 4-27-11 Sec. 27 Twp. 27S Range 18W County Kiowa State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,819 ft. to 4,852 ft. Total Depth 4,852 ft.
Packer Depth 4,814 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,819 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 4,822 ft. Recorder Number 30046 Cap. 6,000 psi
Bottom Recorder Depth (Outside) 4,849 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Val Energy, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 12.0 cc. Drill Pipe Length 4,793 ft. I.D. 3 1/2 in.
Chlorides 7,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 2 Anchor Length 33 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 20 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 25 mins. No blow back during shut-in.

Recovered 620 ft. of mud cut water = 8.822600 bbls. (Grind out: 5%-mud; 95%-water) Chlorides: 60,000 Ppm
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks

Time Set Packer(s)	<u>2:50</u>	<u>AM</u>	Time Started Off Bottom	<u>5:50</u>	<u>PM</u>	Maximum Temperature	<u>131°</u>
Initial Hydrostatic Pressure			(A)	<u>2352</u>		P.S.I.	
Initial Flow Period		Minutes	<u>30</u>	(B)	<u>39</u>	P.S.I. to (C)	<u>134</u> P.S.I.
Initial Closed In Period		Minutes	<u>45</u>	(D)	<u>1166</u>	P.S.I.	
Final Flow Period		Minutes	<u>45</u>	(E)	<u>143</u>	P.S.I. to (F)	<u>249</u> P.S.I.
Final Closed In Period		Minutes	<u>60</u>	(G)	<u>1147</u>	P.S.I.	
Final Hydrostatic Pressure			(H)	<u>2319</u>		P.S.I.	

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: 3-27 ANTHONY "B"

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S27/27S/18W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D946

Test Unit:

Start Date: 2011/04/27 Start Time: 12:50:00

End Date: 2011/04/27 End Time: 20:00:00

Report Date: 2011/04/27 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

Remarks:

RECOVERY: 620' WATER

L D DRILLING INC
Start Test Date: 2011/04/27
Final Test Date: 2011/04/27

3-27 ANTHONY "B"
Formation: KINDERHOOK SAND
Job Number: D946

3-27 ANTHONY "B"

