



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: _____



1058882

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	COBB 2
Doc ID	1058882

Tops

Name	Top	Datum
ANHYDRITE	947	+1044
BASE ANHYDRITE	974	+1071
TOPEKA	2961	-970
HEEBNER	3208	-1217
TORONTO	3223	-1232
DOUGLAS	3236	-1245
BROWN LIME	3285	-1294
LANSING	3293	-1302
BASE KANSAS CITY	3512	-1521
CONGLOMERATE	3525	-1534
REAGAN SAND	3607	-1616



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 04278 A

DATE _____ TICKET NO. _____

DATE OF JOB: 5-24-2011		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: COBB				WELL NO. 2	
ADDRESS:				COUNTY: BARTON		STATE: KS.			
CITY:				STATE:		SERVICE CREW: LESLEY, MITCHELL, FENWICK			
AUTHORIZED BY:				JOB TYPE: CNW - 8 5/8" S.P.					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19870	1						5-24-11	AM	4:00
19889-19842	1							AM	7:30
19831-21010	1							AM	8:30
								AM	9:45
								AM	10:15
						MILES FROM STATION TO WELL	60		

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
CP 101	A-CON BLEND	SK	200		3,600.00	
CP 100	COMMON	SK	200		3,200.00	
CC 102	CELL-FLAKE	lb	100		370.00	
CC 109	CALCIUM CHLORIDE	lb	1128		1,184.40	
CC 200	CEMENT GEL	lb	376		94.00	
CE 105	TOP RUBBER PLUG, 8 5/8"	EA	1		225.00	
E 100	PICKUP MILEAGE	MI	100		255.00	
E 101	HEAVY EQUIPMENT MILEAGE	MI	120		840.00	
E 113	BULK DELIVERY CHARGE	TM	1128		1,804.80	
CE 201	DEPTH CHARGE; 501'-1000'	HR	1-4		1,200.00	
CE 240	BLENDING SERVICE CHARGE	SK	400		560.00	
CE 504	PLUG CONTAINER CHARGE	DE	1		250.00	
S 003	SERVICE SUPERVISOR	EA	1		175.00	
					SUB TOTAL	10,593.80

CHEMICAL / ACID DATA:			

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

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

Customer LD DRILLING, INC.	Lease No.	Date 5-24-2011
Lease COBB	Well # 2	
Field Order # 4278	Station PRATT, KS.	Casing 8 5/8" Depth 745'
Type Job CNW - 8 5/8 S.P.	Formation	County BARTON State KS.
		Legal Description 2-19-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8"	Tubing Size	Shots/Ft	CMT -	Acid 200SK ACON	RATE	PRESS	ISIP	
Depth 735'	Depth	From	To	Pre Pad 2.47 CUFT³	Max		5 Min.	
Volume 59 BBL	Volume	From	To	Pad 200SK COMMON	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac 1.34 CUFT³	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 715'	Packer Depth	From	To	Flush 58 BBL	Gas Volume		Total Load	

Customer Representative Jim	Station Manager D. SCOTT	Treater K. LESLEY							
Service Units	19870	19889	19842	19831	21010				
Driver Names	LESLEY	MITCHELL	FENWICK						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30 AM					ON LOCATION - SAFETY MEETING
7:46 AM					RUN 22 JTS. OF 8 5/8" CSG. X 24"
8:25 AM					CSG. ON BOTTOM
8:30 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
8:58 AM	200		5	5	H ₂ O AHEAD
9:00 AM	150		88	6	MIX 200SKS A-CON @ 12.0*
9:22 AM	150		48	6	MIX 200SKS COMMON @ 15.0*
9:30 AM					SHUT DOWN - RELEASE PLUG
9:33 AM	0		0	5	START DISPLACEMENT
9:42 AM	150		48	4	SLOW RATE
9:45 AM	200		58	3	PLUG DOWN - CLOSE IN AT HEAD
					CIRCULATION THRU JOB
					CIRCULATED 15 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY



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 04351 A

2-195-15W

DATE _____ TICKET NO. _____

DATE OF JOB: 5-29-11		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: Cobb				WELL NO. 2	
ADDRESS:				COUNTY: Barton		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick; M. Mattal; J. Burgardt;					
AUTHORIZED BY:				JOB TYPE: C. V.W. Longstring J. McCoskey					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED			
37,216	1					DATE: 5-28-11 AM 9:00			
						ARRIVED AT JOB: 5-29-11 PM 12:00			
19,903-19,905	1					START OPERATION:) CAM PM 4:25			
						FINISH OPERATION:) CAM PM 5:25			
19,831-21,010	1					RELEASED: 5-29-11 CAM PM 5:45			
						MILES FROM STATION TO WELL: 60			

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 Poz Cement	sh	150		\$ 1,800 00
CP 103	60/40 Poz Cement	sh	30		\$ 360 00
CC 102	Cellflake	Lb	38		\$ 140 60
CC 105	Defoamer	Lb	33		\$ 132 00
CC 111	Salt (Fine)	Lb	1,333		\$ 666 50
CC 112	Cement Friction Reducer	Lb	97		\$ 582 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
CC 204	CS-1L:KCL	Gal	1		\$ 35 00
CC 151	Mud Flush	Gal	500		\$ 430 00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

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

FIELD SERVICE ORDER NO.



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 ~~04352~~ A
Continuation

2-195-15W

DATE _____ TICKET NO. 4381

DATE OF JOB: 5-29-11		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: Cobb				WELL NO. 2			
ADDRESS:				COUNTY: Barton		STATE: Kansas					
CITY:				STATE:		SERVICE CREW: C. Messicht, M. Mattal, J. Burgardt					
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring						J. McCaskey	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME		
						ARRIVED AT JOB		AM	PM		
						START OPERATION		AM	PM		
						FINISH OPERATION		AM	PM		
						RELEASED		AM	PM		
						MILES FROM STATION TO WELL					

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
E 100	Pickup Mileage	mi	60	\$	255 00
E 101	Heavy Equipment Mileage	mi	120	\$	840 00
E 113	Bulk Delivery	tm	465	\$	744 00
CE 204	Cement Pump: 3,001 Feet To 4,000 Feet	hrs	4	\$	2,160 00
CE 240	Blending and Mixing Service	sk	180	\$	252 00
CE 504	Plug Container	Job	1	\$	250 00
S 003	Service Supervisor	hrs	8	\$	175 00

CHEMICAL / ACID DATA:			

SUB TOTAL	215	\$	2,042 34
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: *Clarence R. Messicht*

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

FIELD SERVICE ORDER NO.

Customer Drilling, Incorporated	Lease No. Cobb	Date 5-29-11
Lease Cobb	Well # 2	
Field Order # 4351	Station Pratt, Kansas	Casing" 5 1/2 14Lb
		Depth 3697ft
Type Job C.N.W. - Longstring	Formation	County Barton
		State Kansas
		Legal Description 2-145-15W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 5 1/2 14Lb	Tubing Size 4 1/2	Shots/Ft 150	Reducer 25%	Defoamer 1885	Rate 2.30e	Pressure 75	Friction 6 Min
Depth 3697ft	Depth From	From	From	From	Max	Min	1.0 Min
Volume 10.2 Bbl	Volume From	From	From	From	Avg	Min	15 Min
Max Press 1700 Psi	Max Press From	From	From	From	Annulus Pressure		
Well Connection Plug	Annulus Vol. From	From	From	From	Gas Volume		
Plug Depth 3687ft	Packer Depth From	From	From	From			

Customer Representative: Jim Nichols Station Manager: David Scott Treater: Clarence R. Messick

Service Units	37,216	19,903	19,905	19,831	21,010
Driver Names	McCaskey	McCaskey	McCaskey	McCaskey	McCaskey

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:00					Truck on location and hold safety meeting
1:15					Petromark Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill insert screwed into Collar and a total of 87 Joints new 14Lb/Ft. 5 1/2" casing A Turbolizer was installed on Collars # 1, 3, 5, 7, and # 9.
3:00					Casing in well. Circulate for 1 Hour.
4:25	300		20	6	Start 28 Hr L Pre-Flush after Pressure testing.
			32	5	Start Mud Flush.
4:32	300		73	5	Start mixing 150 sacks 60/40 Poz cement. Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
4:44	100		70	6.5	Start Fresh Water Displacement.
5:00	500		90	5	Start to lift cement. Plug down. Pressure up. Release pressure. Insert held.
5:10			7	3	Plug Rat Hole.
5:45					Wash up pump truck. Job Complete. Thank You. Clarence, Milte, Terrod, Jeffery

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: COBB #2

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S2/19S/15W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIOAL Job Number: D965

Test Unit:

Start Date: 2011/05/27 Start Time: 01:15:00

End Date: 2011/05/27 End Time: 08:45:00

Report Date: 2011/05/27 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY: 210' MUD CUT WATER\tab\tab\tab



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

DRILL-STEM TEST TICKET

Company _____ Lease & Well No. _____
 Contractor _____ Charge to _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State _____
 Test Approved By _____ Diamond Representative **JOHN C. RIEDL**

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
 2nd Open: _____

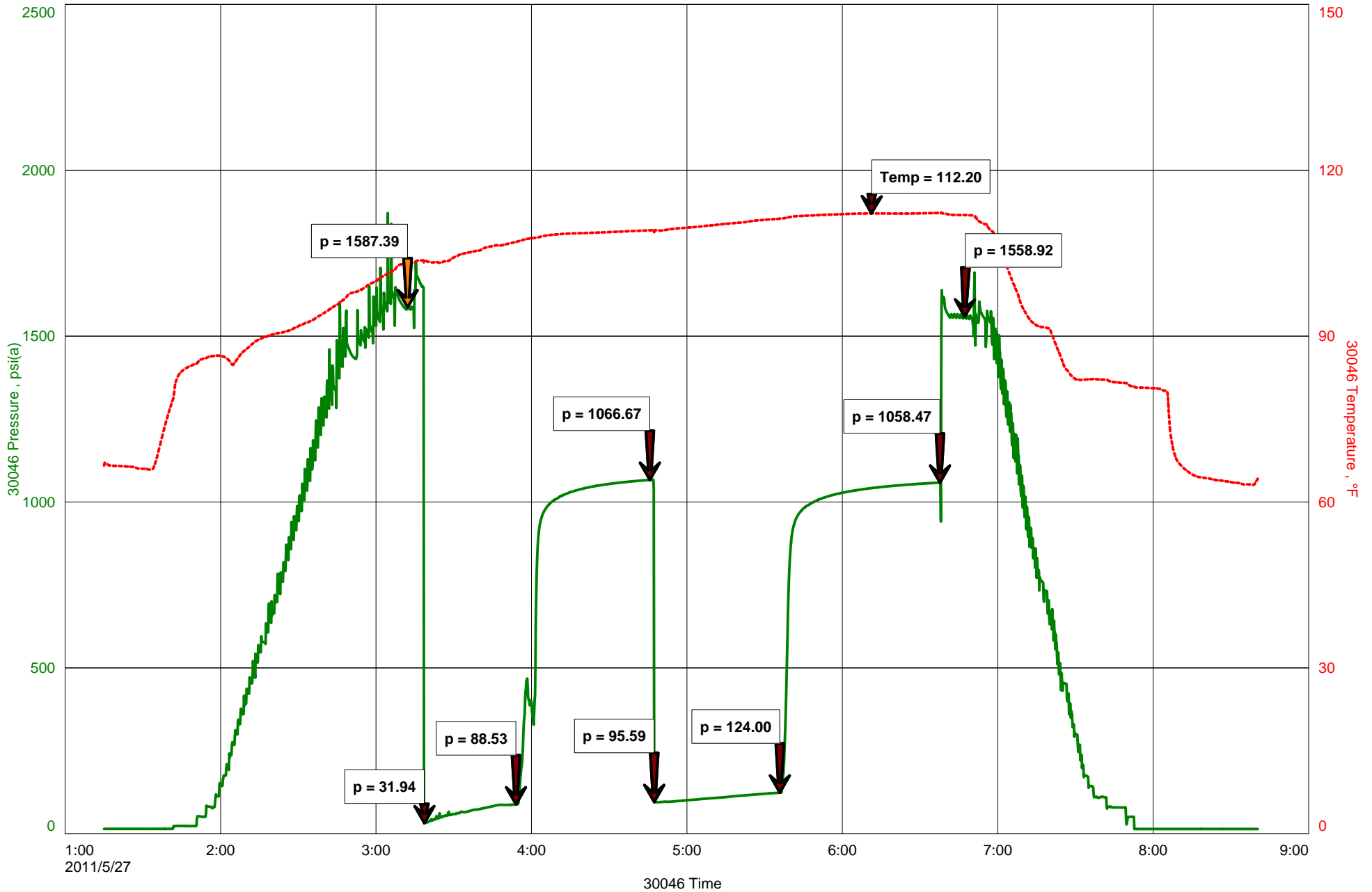
Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____ _____ _____	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) _____	A.M. P.M.	Time Started Off Bottom _____	A.M. P.M.	Maximum Temperature _____
Initial Hydrostatic Pressure _____	(A)	_____	P.S.I.	
Initial Flow Period _____	Minutes	(B)	_____	P.S.I. to (C) _____ P.S.I.
Initial Closed In Period _____	Minutes	(D)	_____	P.S.I.
Final Flow Period _____	Minutes	(E)	_____	P.S.I. to (F) _____ P.S.I.
Final Closed In Period _____	Minutes	(G)	_____	P.S.I.
Final Hydrostatic Pressure _____	(H)	_____	P.S.I.	

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

COBB #2



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: COBB #2

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S2/19S/15W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D966

Test Unit:

Start Date: 2011/05/28 Start Time: 04:00:00

End Date: 2011/05/28 End Time: 10:50:00

Report Date: 2011/05/28 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY :900' GAS IN PIPE, 600' GAS+OIL CUT MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

DRILL-STEM TEST TICKET

Company _____ Lease & Well No. _____
 Contractor _____ Charge to _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State _____
 Test Approved By _____ Diamond Representative **JOHN C. RIEDL**

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
 2nd Open: _____

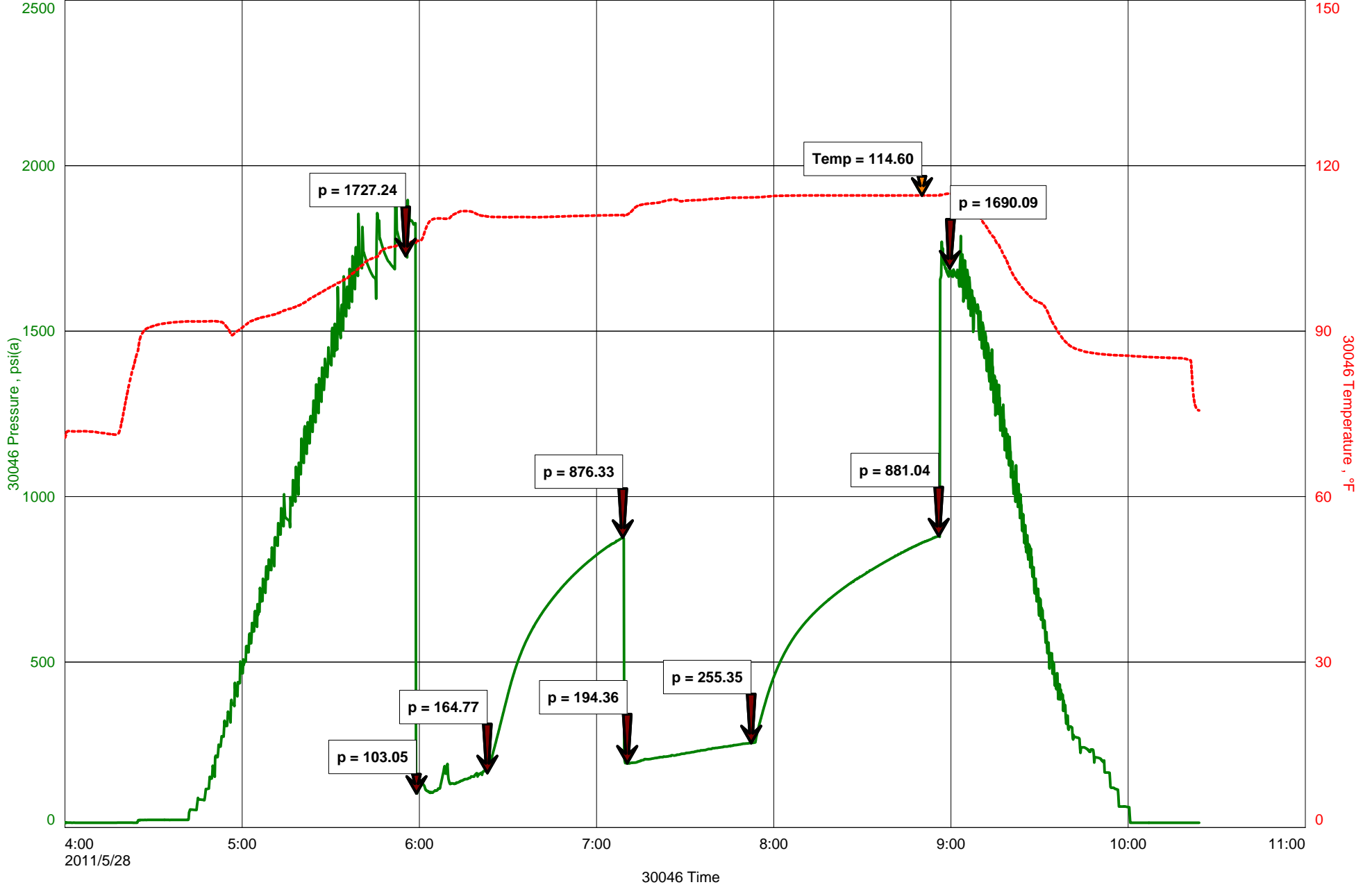
Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____ _____ _____	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) _____	A.M. P.M.	Time Started Off Bottom _____	A.M. P.M.	Maximum Temperature _____
Initial Hydrostatic Pressure _____	(A)	_____	P.S.I.	
Initial Flow Period _____	Minutes	(B)	_____	P.S.I. to (C) _____ P.S.I.
Initial Closed In Period _____	Minutes	(D)	_____	P.S.I.
Final Flow Period _____	Minutes	(E)	_____	P.S.I. to (F) _____ P.S.I.
Final Closed In Period _____	Minutes	(G)	_____	P.S.I.
Final Hydrostatic Pressure _____	(H)	_____	P.S.I.	

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

COBB #2





Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>K.D. Drilling Inc.</u>	ELEVATIONS
LEASE <u>Cobb #2</u>	KB <u>1991</u>
FIELD <u>Otis - Albert</u>	DF _____
LOCATION <u>Sw-Sw-Ne (2310 FNL & 2310 FEL)</u>	GL <u>1986</u>
SEC <u>2</u> TWP <u>19s</u> RGE <u>15w</u>	Measurements Are All From <u>KB</u>
COUNTY <u>Barton</u> STATE <u>Kansas</u>	
CONTRACTOR <u>Petromark Drilling (rig #2)</u>	CASING SURFACE <u>8 5/8" @ 945</u>
SPUD <u>05-23-2011</u> COMP <u>05-28-2011</u>	PRODUCTION <u>5 1/2" @ 3699'</u>
RTD <u>3700</u> LTD <u>3700</u>	ELECTRICAL SURVEYS
MUD UP <u>2791</u> TYPE MUD <u>Chemical Displaced</u>	By <u>Log-Tech</u>

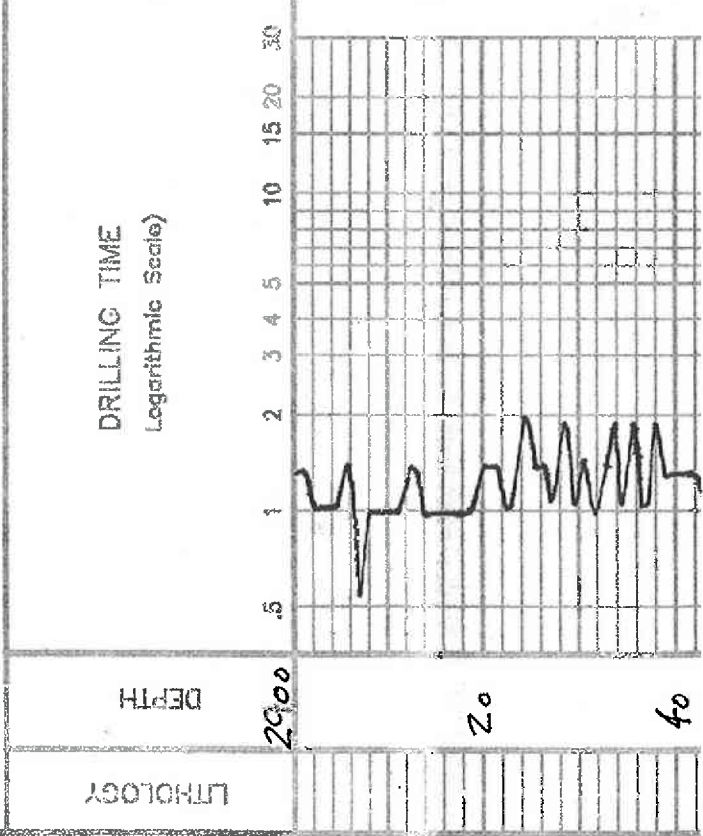
SAMPLES SAVED FROM <u>2900</u> TO <u>3700</u>
DRILLING TIME KEPT FROM <u>2900</u> TO <u>3700</u> <u>RTD</u>
SAMPLES EXAMINED FROM <u>2900</u> TO <u>3700</u>
GEOLOGICAL SUPERVISION FROM <u>3160</u> TO <u>3700</u>
GEOLOGIST ON WELL <u>Josh Austin</u>

FORMATION TOPS	LOG	SAMPLES
anhydrite	947 - 1044	
Base anhydrite	974 - 1071	LTD 3700 - 1709
Topoka	2961 - 970	
Heebner	3208 - 1217	
Toronto	3223 - 1232	
Douglas	3236 - 1245	
Brown lime	3285 - 1294	
Hansing	3293 - 1302	
Base Kansas City	3512 - 1521	
Conglomerate	3525 - 1534	
Resgen Sand	3607 - 1616	
RTD	3700 - 1709	

REMARKS
5 1/2" production casing was set and cemented at 3699'
Respectfully submitted,
Josh Austin
Petroleum Geologist

LEGEND

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



DEPTH	SAMPLE DESCRIPTIONS	REMARKS
2000		
20		
40		

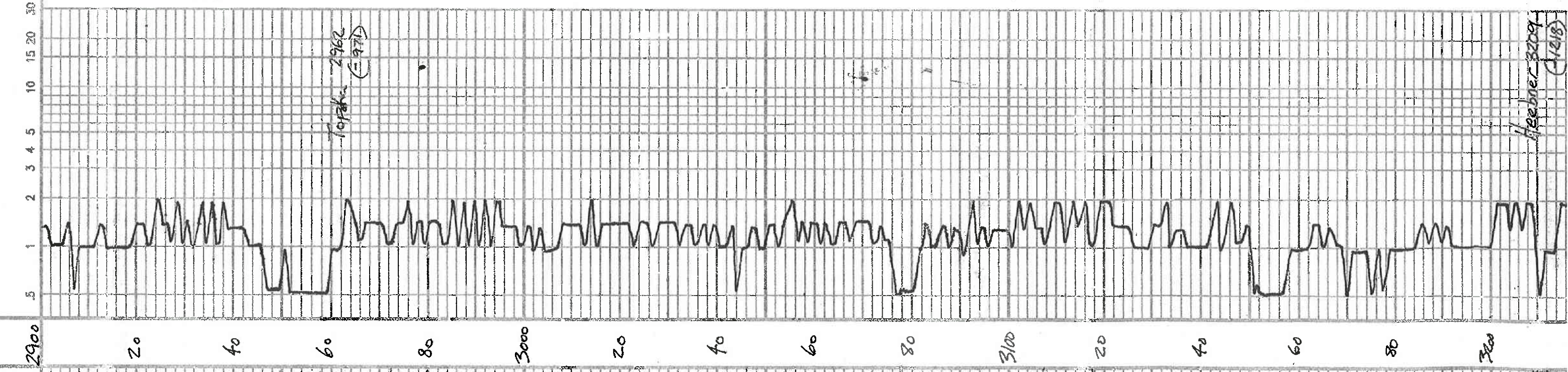
7505

LOG 7702

LITHOLOG

DEPTH

DRILLING TIME
Logarithmic Scale)



SAMPLE DESCRIPTIONS

REMARKS

37- greyish green soft
 silty shale
 ls. gy. - cream fine clayey
 grey shale
 ls. gy. fass dense por. v. fine
 silty in part
 ls. gy. - dark grey heavy
 ls. cream - tan fine
 cherty in part - sil. fass
 Poor v. fine
 blk carb. sh.
 ls. cream with fine cherty
 (cherty)
 grey - green - mic. shale
 ls. cream - tan - gy. fine cherty
 Slightly in part - fine fass
 Poor v. fine
 blk carb. shale
 ls. tan - cream fine/ool. fine
 silty - cherty
 ls. cream - grey sub-ool. ool.
 sil. dolomite fr. cream
 (burnt)
 ls. cream - tan fine fass
 cherty in part - dense por. v.
 ls. as to 317 A
 blk carb. shale

KB 1991

65. Cream-gry silty siltstone - ool
 / St. dolomite for ool
 (barren)

65. Cream-tan silty fine
 Chalky in part down part

65. ss to gyl A

65. blk carb shale

65. gyl - greyish green shale

65. cream-gyl silty chalky

Shale; gyl - greyish green, soft

Shale as silty in part

65. greyish green sand silty silty min.
 friable

Shale; an gyl-dk gyl soft

65. Brn-buff silty shaly
 silty fine

65. light grey silty clay shale - fine
 on spotty silty. 15570 No. ool

65. gyl-cra-fac silty shaly
 gyl shale

65. lt. gyl ool silty in part silty
 to brown to partly to No. ool
 (50% barren)

gyl-dk gyl sh

65. cream-gyl fac silty shaly (oal)
 shaly ool

65. Tan highly ool poor vis
 to silty sh. 15570 No. ool
 + blk chis

65. Tan-gyl ool silty shaly
 (barren)

65. Tan-cream fac chalky ool
 n/s

65. greyish green chalky fac silty sh
 to gyl shaly A

blk carb shale
 to gyl-green sh

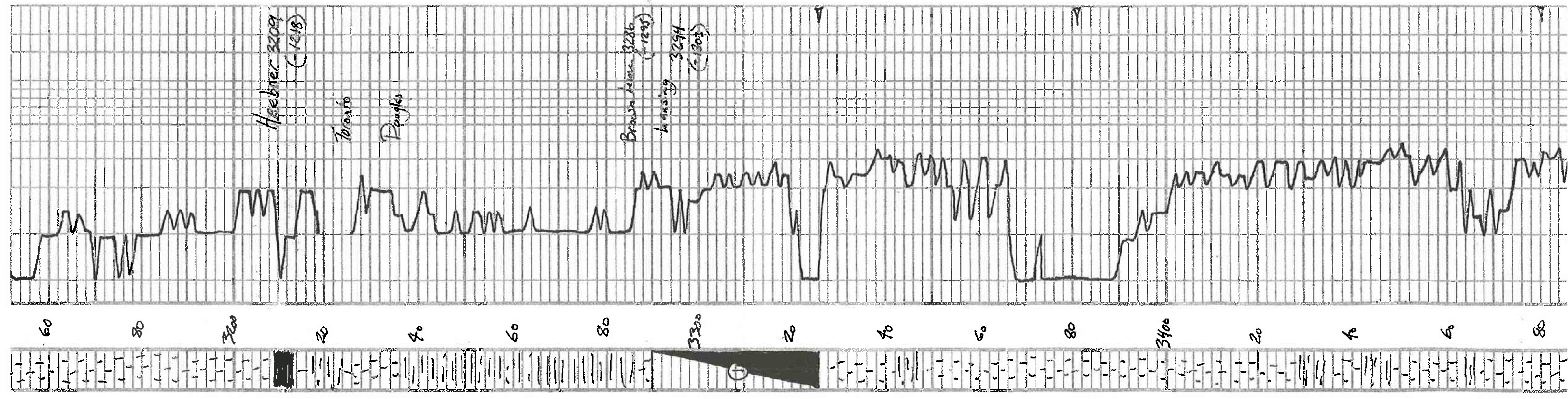
65. gyl-tan fac ool chalky
 partly ool. 15570
 No. ool

65. gyl silty shaly - partly ool

65. Tan-cream ool fac silty sh
 the dark in silty part to partly to very fine
 ool

65. gyl fac shale of poor
 part of ool

DST #1 3290-3326
 30-45-45-60
 Blow, fair britt to 6"
 fine britt to 3"
 No blow back
 Recovery 210' MCLW
 Pressure, ISIP 1067 PSI
 FSIP 1058 "
 IFP 32-89 "
 FEP 96-124 "
 HSH 1587
 -1559 "



DKA US 2014
t grey-green sh

65. grey-tan fine sand cherty
fine sand
65. grey silty fine cherty fine sand

65. tan-crim fine sand
fine sand in situ, 100 to 200 ft

65. grey fine sand
fine sand

65. tan-crim fine sand
fine sand in situ

grey-green shale

grey fine cherty in part fine

grey-mar-green shale

orange-grey: yellow silty sand

grey & v. green shale

brick red soft shale/chay

tan-crim fine sand cherty

pink-orange-grey - con. base

sand: clear med. grain, sandy
sub-sandy, poorly sorted

fine: clear med. con. grain, sandy
sub-sandy, poorly sorted

fine: con. med. v. sh. sub-sandy, poorly sorted
sub-sandy, poorly sorted

clear base, fine grain

grey-mar-green silt shale

grey-green-mar soft shale

Rotary total Depth
3700

Base Kansas
City 3511 (1920)

Congl. 3525

Reagan Sand
3606

DST #2 3500-3615
30-45-45-60

Blow: Strong 088 in 1 min
fair blow, 4"

fine: Strong 088 in 1 min
blow back bob in 8 min

Reagan 900: 91P
100' oil sand
180' oil sand

(15% oil 25% gas 60% sand)

320' gas 25% sand 55% oil

Passions 151P 876
151P 881

151P 103-165
151P 149-251
151P 1721
-1690

