

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1050410

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
-	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	On and the Name
Dual Completion     Permit #:	Operator Name:
□ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or Recompletion Date	

#### 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 Approved by: Date:						

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				ļ		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITIO	N OF C	GAS: METHOD OF COMPLE			TION:		PRODUCTION INTER	RVAL:		
Vented Sold		Jsed on Lease	Open Hole Perf. Dually (Submit )				Commingled (Submit ACO-4)			
(If vented, Subi	mit ACC	)-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	KAREN 1-11
Doc ID	1050410

All Electric Logs Run

BOREHOLE COMPENSATED SONIC LOG
DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG
SONIC CEMENT BOND LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	KAREN 1-11
Doc ID	1050410

### Tops

Name	Тор	Datum
King Hill	2886	-1045
Heebner	3070	-1229
Toronto	3091	-1250
Douglas	3105	-1264
Lansing	3220	-1379
Lansing G	3294	-1453
Base Kansas City	3437	-1596
Simpson	3464	-1623
Arbuckle	3505	-1664
LTD	3641	-1800

Client Infor	mation	<u>.</u>					
Company:	L D DI	L D DRILLING INC					
Contact:	LDD	AVIS					
Phone:		Fax:		e-mail:			
Site Informa	ation:						
Contact:	KEITH	I REAVIS					
Phone:		Fax:		e-mail:			
Well Information	ation:						
Name:	KARE	N 1-11					
Operator:	L D DI	RILLING INC					
Location-Dov	wnhole:						
Location-Su	rface:	S11/21S/12W STAFF	ORD C	ΓY			
Test Inform	ation:						
Company:		DIAMOND TESTING					
Representat	tive:	JOHN RIEDL					
Supervisor:		KEITH REAVIS					
Test Type:		CONVENTIONAL			Job Number:	D834	
Test Unit:							
Start Date:		2010/10/16			Start Time:	00:	10:00
End Date:		2010/10/16			End Time:	07:	00:00
Report Date	:	2010/10/16			Prepared By:	JOHN RIEDL	
<u>Remarks:</u>					Qualified By:	KEITH REAV	IS

GAS TO SURFACE 2ND FLOW RECOVERY: 950' GASSY OIL



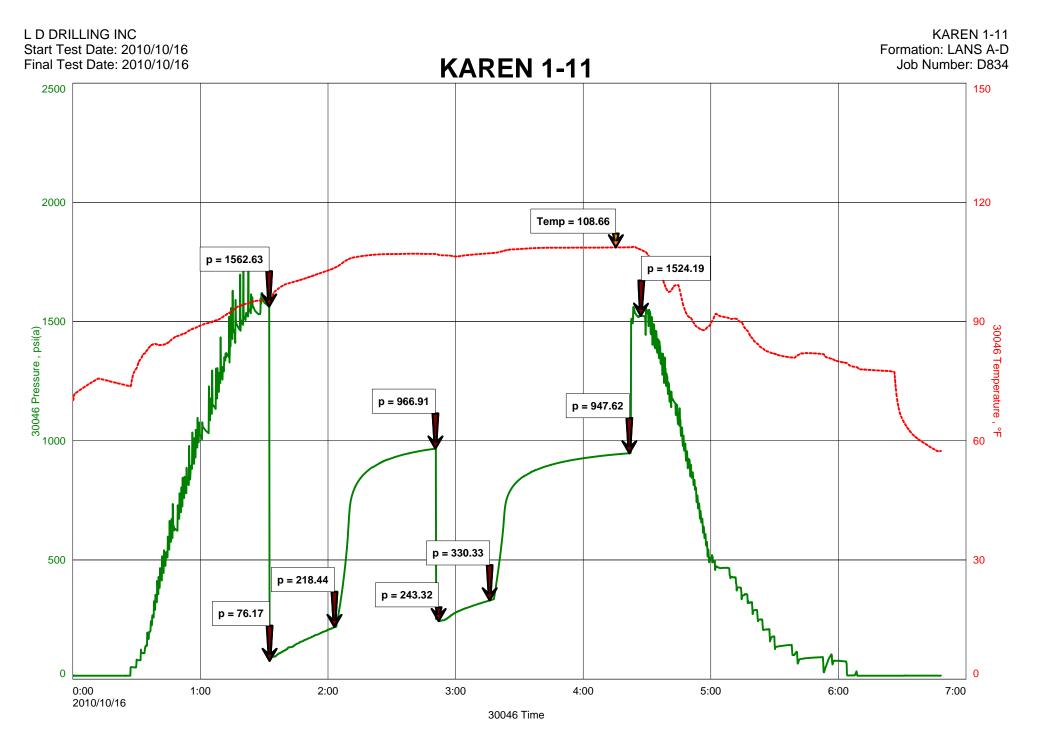
## DIAMOND TESTING

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
DateS RangeS RangeS	W County	State
Test Approved By	Diamond Representative	JOHN C. RIEDL
Formation Test No Interval Tested from	ft. toft. To	otal Depthft.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Depth of Selective Zone Set		
Top Recorder Depth (Inside)ft.	Recorder Number	P.S.I.
Bottom Recorder Depth (Outside)ft.	Recorder Number	CapP.S.I.
Below Straddle Recorder Depthft.	Recorder Number	CapP.S.I.
Mud Type Viscosity	Drill Collar Length	ft. 1.D. <u>2 1/4</u> in
Weight Water Loss	c. Weight Pipe Length	ft. I.D. <u>27/8</u> in.
ChloridesP.P.M.	Drill Pipe Length	ft. I.D. <u>3 1/2</u> in.
Jars: Make BOWEN Serial Number	Test Tool Lengtht	ft. Tool Size <u>3 1/2-IF</u> in.
Did Well Flow?Reversed Out	Anchor Length	ft. Size <u>4 1/2-FH</u> in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 i	n. Surface Choke Size <u>1</u> i	n. Bottom Choke Size 5/8 in.
Blow: 1st Open:		
2nd Open:		
Recoveredft. of		Price Job
Recoveredft. of		Other Charges
Remarks:		Insurance
A.M.	A.M.	Total
Time Set Packer(s) P.M. Time Started		timum 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		
Final Flow Period Minutes	P.S.I. to (	F)P.S.I.
Final Closed In Period Minutes	(G)P.S.I.	
Final Hydrostatic Pressure	(H)P.S.1.	



Client Infor	mation								
Company:	L D DI	L D DRILLING INC							
Contact:	LDD	L D DAVIS							
Phone:		Fax:	e-mail:						
Site Informa	ation:								
Contact:	KEITH	I REAVIS							
Phone:		Fax:	e-mail:						
Well Inform	ation:								
Name:	KARE	N 1-11							
Operator:	L D DRILLING INC								
Location-Do	wnhole:								
Location-Su	rface:	S11/21/12W STAFFORD							
Test Inform	nation:								
Company:		DIAMOND TESTING							
Representat	tive:	JOHN RIEDL							
Supervisor:		KEITH REAVIS							
Test Type:		CONVENTIONAL		Job Number:	D835				
Test Unit:									
Start Date:		2010/10/16		Start Time:	14:15:00				
End Date:		2010/10/16		End Time:	17:40:00				
Report Date	):	2010/10/16		Prepared By:	JOHN RIEDL				
<u>Remarks:</u>				Qualified By:	KEITH REAVIS				
	2V· 15' Γ								

REAVOVERY: 15' DRILLING MUD



## DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544

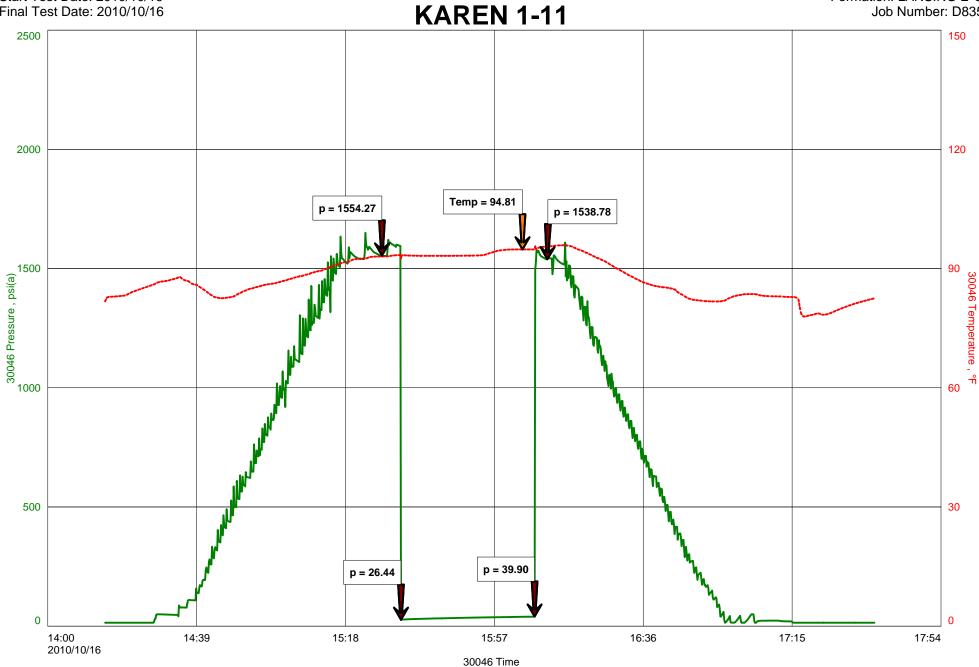
(620) 653-7550 • (800) 542-7313

#### **DRILL-STEM TEST TICKET**

Company	Lease & Well No	
Contractor	Charge to	
Elevation Formation	Effective Pay	Ft. Ticket No
DateS RangeS RangeS	W County	State
Test Approved By	Diamond Representative	JOHN C. RIEDL
Formation Test No Interval Tested from	ft. toft. To	otal Depthft.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Depth of Selective Zone Set		
Top Recorder Depth (Inside)ft.	Recorder Number	P.S.I.
Bottom Recorder Depth (Outside)ft.	Recorder Number	CapP.S.I.
Below Straddle Recorder Depthft.	Recorder Number	CapP.S.I.
Mud Type Viscosity	Drill Collar Length	ft. 1.D. <u>2 1/4</u> in
Weight Water Loss	c. Weight Pipe Length	ft. I.D. <u>27/8</u> in.
ChloridesP.P.M.	Drill Pipe Length	ft. I.D. <u>3 1/2</u> in.
Jars: Make BOWEN Serial Number	Test Tool Lengtht	ft. Tool Size <u>3 1/2-IF</u> in.
Did Well Flow?Reversed Out	Anchor Length	ft. Size <u>4 1/2-FH</u> in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 i	n. Surface Choke Size <u>1</u> i	n. Bottom Choke Size 5/8 in.
Blow: 1st Open:		
2nd Open:		
Recoveredft. of		Price Job
Recoveredft. of		Other Charges
Remarks:		Insurance
A.M.	A.M.	Total
Time Set Packer(s) P.M. Time Started		timum 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		
Final Flow Period Minutes	P.S.I. to (	F)P.S.I.
Final Closed In Period Minutes	(G)P.S.I.	
Final Hydrostatic Pressure	(H)P.S.1.	

#### L D DRILLING INC Start Test Date: 2010/10/16 Final Test Date: 2010/10/16

#### KAREN 1-11 Formation: LANSING E-G Job Number: D835



Client Infor	mation	<u>.</u>								
Company:	L D DI	L D DRILLING INC								
Contact:	LDD	L D DAVIS								
Phone:		Fax: e-mail:								
Site Informa	ation:									
Contact:	KEITH	KEITH REAVIS								
Phone:		Fax:	e-mail:							
Well Information	ation:									
Name:	KARE	KAREN 1-11								
Operator:	L D DRILLING INC									
Location-Downhole:										
Location-Surface: S11/21S/12W STAFFORD CTY										
Test Inform	nation:									
Company:		DIAMOND TESTING	6							
Representat	tive:	JOHN RIEDL								
Supervisor:		KEITH REAVIS								
Test Type:		CONVENTIONAL		Job Number:	D836					
Test Unit:										
Start Date:		2010/10/17		Start Time:	02:00:00					
End Date:		2010/10/17		End Time:	07:15:00					
Report Date	):	2010/10/17		Prepared By:	JOHN RIEDL					
<u>Remarks:</u>				Qualified By:	KEITH REAVIS					

RECOVERY: 90'GAS IN PIPE, 30' OIL CUT MUD



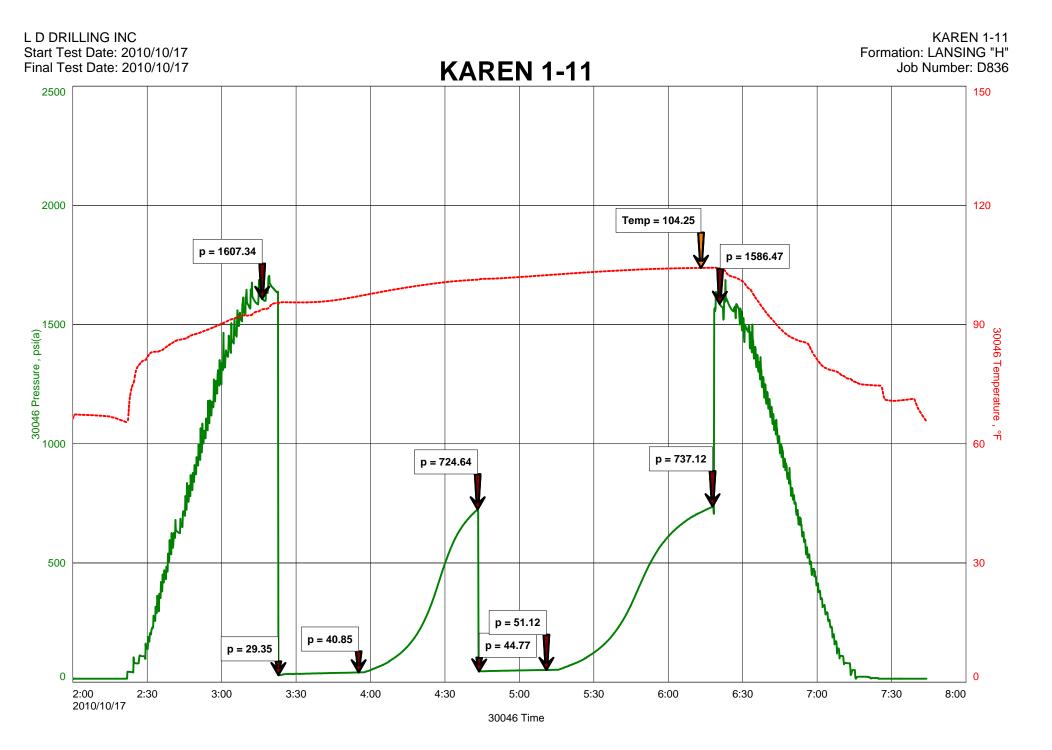
## DIAMOND TESTING

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#### DRILL-STEM TEST TICKET

Company	Lease & Well No	
Contractor	Charge to	
Elevation Formation	Effective Pay	Ft. Ticket No
DateS RangeS RangeS	W County	State
Test Approved By	Diamond Representative	JOHN C. RIEDL
Formation Test No Interval Tested from	ft. toft. To	otal Depthft.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Depth of Selective Zone Set		
Top Recorder Depth (Inside)ft.	Recorder Number	P.S.I.
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Mud Type Viscosity	Drill Collar Length	ft. 1.D. <u>2 1/4</u> in
Weight Water Loss	c. Weight Pipe Length	ft. I.D. 27/8 in.
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Jars: Make BOWEN Serial Number	Test Tool Lengtht	ft. Tool Size <u>3 1/2-IF</u> in.
Did Well Flow?Reversed Out	Anchor Length	ft. Size <u>4 1/2-FH</u> in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 i	n. Surface Choke Size <u>1</u> i	n. Bottom Choke Size 5/8 in.
Blow: 1st Open:		
2nd Open:		
Recoveredft. of		Price Job
Recoveredft. of		Other Charges
Remarks:		Insurance
A.M.	A.M.	Total
Time Set Packer(s) P.M. Time Started		timum 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		
Final Flow Period Minutes	P.S.I. to (	F)P.S.I.
Final Closed In Period Minutes	(G)P.S.I.	
Final Hydrostatic Pressure	(H)P.S.1.	



Client Infor	mation:	<u>.</u>							
Company:	L D DI	L D DRILLING INC							
Contact:	LDD	AVIS							
Phone:		Fax:	e-mail:						
Site Informa	ation:								
Contact:	KEITH	I REAVIS							
Phone:		Fax:	e-mail:						
Well Information	ation:								
Name:	KARE	N 1-11							
Operator:	L D DRILLING INC								
Location-Dov	wnhole:								
Location-Sur	face:	S11/21S/12W STAFF0	ORD CTY						
Test Inform	ation:								
Company:		DIAMOND TESTING							
Representat	ive:	JOHN RIEDL							
Supervisor:		KEITH REAVIS							
Test Type:		CONVENTIONAL		Job Number:	D837				
Test Unit:									
Start Date:		2010/10/17		Start Time:	22:20:00				
End Date:		2010/10/18		End Time:	03:00:00				
Report Date	:	2010/10/18		Prepared By:	JOHN RIEDL				
<u>Remarks:</u>				Qualified By:	KEITH REAVIS				
	DI								

**RECOVERY: 15' DRILLING MUD** 



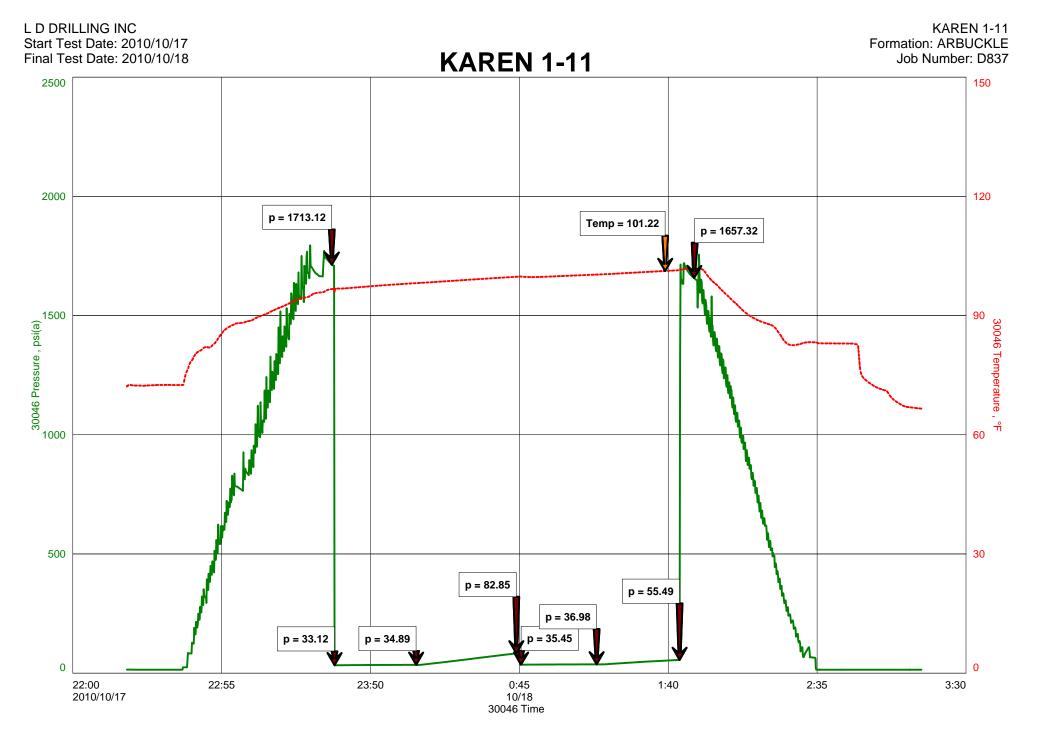
#### DIAMOND TESTING P.O. Box 157

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
DateS RangeS Range	W County	State
Test Approved By	Diamond Representative	JOHN C. RIEDL
Formation Test No Interval Tested from	ft. toft.	Total Depthft.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Packer Depthft. Size in.	Packer Depth	ft. Size in.
Depth of Selective Zone Set		
Top Recorder Depth (Inside)ft.	Recorder Number	CapP.S.I.
Bottom Recorder Depth (Outside)ft.	Recorder Number	CapP.S.I.
Below Straddle Recorder Depthft.	Recorder Number	CapP.S.I.
Mud Type Viscosity	Drill Collar Length	ft. 1.D. <u>2 1/4</u> in
Weight Water Lossco	c. Weight Pipe Length	_ft. I.D. <u>27/8</u> in
ChloridesP.P.M.	Drill Pipe Length	_ft. I.D. <u>3 1/2</u> in
Jars: Make BOWEN Serial Number	Test Tool Length	_ft. Tool Size <u>3 1/2-IF</u> in
Did Well Flow?Reversed Out	Anchor Length	_ft. Size <u>4 1/2-FH</u> in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in	n. Surface Choke Size1	_in. Bottom Choke Size_5/8_in
Blow: 1st Open:		
2nd Open:		
Recoveredft. of		Price Job
Recoveredft. of		Other Charges
Remarks:		Insurance
A.M.	A.M.	Total
Time Set Packer(s) P.M. Time Started		aximum Temperature
Initial Hydrostatic Pressure	(A)P.S.I.	
Initial Flow Period Minutes	P.S.I. to	(C)P.S.I.
Initial Closed In Period Minutes	(D)P.S.I.	
Final Flow Period Minutes	P.S.I. to	(F)P.S.I.
Final Closed In Period Minutes	(G)P.S.I.	
Final Hydrostatic Pressure	(H)P.S.1.	



	PRESSURE PUMPING	& WIRELINE			-	DATE			
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Lease k	ARET	V	Wel	1# /	-11			10-1	9-10
Field-Order	#A Station	PRI	AT KS		Casing	S/ Dep	th 39'	Dounty 5741	FORD State
Type Job	CNW	-lou	UCSTRE	UC		Formatio	7640	-77) Lega	al Description
PIP	PE DATA		REALTING D			USED			NT RESUME
Casing Size	Tubing Siz				Acid		R	ATE PRESS	ISIP
Depth	J Depth	From	То		Pre Pad		Max		5 Min.
Volume	Volume	From	То		Pad		Min		10 Min.
Max Press	Max Press		То		Frac		Avg		15 Min.
Well Connect	ion Annulus V		To				HHP Used		Annulus Pressure
Plue Depth	Packer De	· · · · · · · · · · · · · · · · · · ·	То		Flush		Gas Volume		Total Load
Customer Re		ID	· · · · · · · · · · · · · · · · · · ·	Station	Manager 🧲	COLTY		Treater QU	nsuss
Service Units	1990	5	2.746	3	19	826	-158	60	
Driver Names	KG		Jon	85		ille	CRO	w/	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumpe		Rate			Service Log	
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Scale 1:240 (5"=100') Imperial	Well Name:       Karen #1-11         Location:       Section 11 - T21S - R12W, Stafford County, KS         Licence Number:       API # 15-185-23644-0000         Spud Date:       October 12, 2010         Surface Coordinates:       1660' FSL & 2970' FEL	Bottom Hole       Coordinates:         Coordinates:       Coordinates:         Cound Elevation (ft):       1836'         K.B. Elevation (ft):       1841'         Logged Interval (ft):       2900'       To:         Formation:       Arbuckle         Type of Drilling Fluid:       Chemical/Polymer/Gel         Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com	OPERATOR Company: LD Drilling inc. Address: 7 SW 26th Avenue Great Bend, KS 67530	GEOLOGIST Name: Keith Reavis, KLG #136 Company: Consulting Geologist Address: 3420 22nd St. Great Bend, KS 67530	REMARKS Due to favorable results of DST #1 and favorable electrical log analysis, it was recommended that 5 1/2" production casing be set and cemented throught the Arbuckle and that the Arbuckle and Lansing C & D zones be further tested through perforations. Samples were saved and will be available for further review at the Kansas Geological Survey Well Sample Library located in Wichita, KS. Respectfully submitted, Keith Reavis		<b>LEB BFILIDAG, IMC.</b> DAILY DRILLING REPORT Diling Contractor: Petromark Drilling Rig #2 & 2006174750 Tool Pusher: Jim Mickel
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Geologist Keith Reavis on location @ 1100 hrs, 3043 ft., drilling ahead Topeka, Heebner, Toronto, Douglas, Lansing, show in B and C zones warrants DST, short trip, TOH for DST #1

REMARKS

DATE 7:00 AM DEPTH

10/15/2010

conduct and complete DST #1, TIH wfbit, ctch, show in F and G zones warrants DST, TOH wfbit, conduct and complete DST #2, drill to H zone show warrants DST	TOH for DST #3, conduct and complete DST, successful test, TH with bit, resume drilling, Base K/C, Simpson, Arbuckle, show in Arbuckle warrants DST, TOH for DST #4, conducting DST #4	finish DST #4, successful test, out with tools in with bit, resume drilling Rat-hole ahead for logs, complete logging operations, geologist off location
0/22	336)	3433
10/16/2010	10/17/2010	10/18/2010

At 2015 hrs.

Virginia Drig. Co. & Adair - Woff #2 NE SW SW Sec. 11 T215 R12 W 5ec. 11 T215 R12 W Structural 1825 KB Relationship Log Sub-Sea Sample Log 9 ø COMPARISON WELL 6 919<del>1</del>--1385 ACCOMPARISON WELL FOOLIFE Resources – Jahay #1 16657 FSL & 18137FEL Sac. 11 T215 R12 W Sac. 11 T215 R1 LDC. WELL COMPARISON SHEET Drilling, Sub-Sea -1045 -1259 -1256 -1256 -1256 -1256 -1556 -1654 -1654 -1654 DRULING WELL LD Drilling – Karen #1-11 1668" FSL& 2370" FEL Sec. 11 T215 R12 W 6 58 1341 KB Sample Sub-Sea 2888 -1045 -1230 -1251 -1253 -1263 -1565 -1655 -1661 **621-**3071 3071 3104 3219 3292 3465 3562 3562 Formation King Hill Heebner Toronto Douglas Larising G Base K/C Simpson Arbuckle Total Depth

<ul> <li>         Event         Event         Event         Rainst         Lithogr         Mudst         Mudst         Mudst         Mudst         Packst         Wackest         Vackest         Sas show         Gas show         Good         Fair         Dead         INTERVAL         Straddle test         Dst         Dst         Sidewall         Dst         Dst</li></ul>		0     Micro Inverses (0imis)     100       8     58     68     335     11       8     68     335     11     30       9     9     9     9     90       9     9     9     9     90       9     9     9     9     90       9     9     9     9     90       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     9     9       9     9     9     <
ROCK TYPES Sand Dol Chlorite Anhy Arg Bent Arg Bent Ferrel Ferrel Cato Chlorite Anhy Arg Bent Ferrel Ferrel Cato Cato Cato Cato Cato Cato Cato Cato	Geological Descriptions	King Hill Shale 2836 - 1045 Vin part, to shows, metrecorstatime, fessifierous to bioclastic, grainy, poor visible porceit vin part, to shows, meterate chalk in samples
SSIL SSIL SSIL Red shale Funknown Funknown Funknown Funknown Funknown Belan Belan Foral Crin Biocist Coral Biocist Coral Biocist Coral Biocist Coral Biocist Coral Biocist Coral Foram Strom Str	keolod3iJ Mod8 llo	
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LITHOLOGY Anhy Anhy Compares Bent Congar Cong Congar Cong Cong Cong Cong Cong Cong Cong Cong	Curve Track 1 ROP (Min/Fy) Gamma (API) Caliper (inches)	

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		Mero	Cal 40 Cal 40 Sol 3.6 Cal 40 Coltro: 256 #bbi Coltro: 256 #bbi				Mecro Inverse (Ohms) Mecro Inverse (Ohms) Mecro Inverse (Ohms) 30
limestone, gray, crypto to microcrystalline, fossiliferous, dense, cherty in part, some scattered chert, no shows	limestone, cream to tan and light gray, mixed fossiliferous to bioclastic, poor visible porosity, chalky in part, no shows	limestone, dark gray to gray, microcrystalline, fossiliferous, fairly dense to cherty limestone, tan to cream, microcrystalline, bioclastic pelletal and some oolitic, grainy, some pinpoint porosity, chalky, no shows noted, flood of chalk in samples, poor fluoresence	as above Geologist Keith Reavis on location @ 3043 ft, 1100 hrs, 10/15/10 limestone, mixed fossififerous, mostly dense, grainy to chalky, no shows	3071 3092 sheen, no	Douglas 3104 -1263 mixed green shakes, streaks of gray, silty to micaceous	states as above	as above Brown Lime 3206 -1365 Irrestone, tan to dark gray, dense, fossiffercus, no shows
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	A A		Andy's Mud Ck (1) 1120 hrs 101/6/10 Viseo Wise PV259 YP 18 PV259 YP 18 Chan 187	PH 10.3 CHL 6000 ppm Cal 40 Cal 40 Cal 40 DWC: 5197.10 CHC: 5197.10 CHC: 5197.10		Mail	Macro Morris (Chimis) Macro Morrial (Chimis) Macro Morrial (Chimis) Array's Maud Ck @ 3372	PV322 YP21 PV32 YP21 WL 9.6 Cate 132 Cate 132 Cate 132 Sol 21 Sol 21 DMC \$5906.75 CMC \$5906.75			
limestone, tan to cream and light gray, mixed fossiliferous, some grainy, some scattered porosity, scattered brown to black staining, no show free oil, no odor, fair green mineral fluoresence limestone, cream to gray, microcrystalline, fossiliferous, some large clasts, some large calcite crystals, scaine fracture and trace vuggy porosity, few pieces vuggy pelletal, sporty to saturated brown to black staining, poor to fair show gassy but heavy oil, fair odor, fair to good fluoresence, good bright white cut		3300 samp and 30 cfs, iimesstone, light gray to cream and pr recrystalized, dense, some large well developed vugs, stain fleeting odor, bright milky blue white cut	ou mui some down waten sman sup-connour, to sup-conno and rempaces marine come water sight show free oil, no odor, good bright blue white cut fluoresence limetone, mixed dense fossiliferous, some pyritic, some scattered dark tarry stain, no odor, no fluoresence, trace chert, moderate chalk present in samples	as above	green and gray/black fissile shale timestone, while to gray, cornoktic, small pulverized specimens, show dark clingy oil, trace free oil, spotty black tarry to brown stain, trace gas bubbles, excellent bright white cut fluoresence	limestone, light brown to gray, dense, fosstifferous, some small vugs and secondary calcite, scattered spotty stain, trace clingy tarry oil, no odor, fair bluelwhite cut limestone, light gray to cream, small specimens, very fossiliferous to oolitic, some secondary calcite, scattered brown to black stain, trace heavy free oil, no odor stow straaminum to black stain, trace heavy free oil, no	shale, dark gray to dark green, some maroon	limestone. light gray to cream, micro to cryptocrystalline, mostly lithographic with fossiliferous, dense, chality in part, few pieces chality with trace black stain, no show free oil, no odor 	shale, brick red, gray, green, gray/marcon striated and mottled, scattered chert, abundant gray/red veathered spongy limestone, no shows	Simpson 3466 -1625 shale, variable green, some waxy, olive, turqoise, maroon, red silty, abundant orange clay, samples wash rediorange shales as above	
							Autoreautory and Autoreautory and	A contrast statistical contrast cont	R percentagi u Borna da Santa Borna		
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