

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1050025

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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		API No. 15
Name:L. D. Drilling, Inc.		Spot Description:
Address 1: 7 SW 26TH AVE		SE_NW_NE_Sec. 2 Twp. 21 S. R. 16 East 🗹 West
Address 2:		990 Feet from V North / South Line of Section
City: GREAT BEND State: H	(S Zip: 67530	+ 6525 Feet from ▼ East / ☐ West Line of Section
Contact Person: L. D. DAVIS		Footages Calculated from Nearest Outside Section Corner:
Phone: ( 620 ) 793-3051		NE □NW □SE □SW
CONTRACTOR: License #_33323		County: Pawnee
Name: Petromark Drilling, LLC		Lease Name: ROBERT Well #: 1-2
Wellsite Geologist: JOSH AUSTIN		Field Name: ASH CREEK
Purchaser:		Producing Formation: NA
Designate Type of Completion:		Elevation: Ground: 2003 Kelly Bushing: 2006
✓ New Well Re-Entry	Workove	2790
		SIOW Amount of Surface Pipe Set and Cemented at: 1055 Feet
		SIGW Multiple Stage Cementing Collar Used? Yes No
	_	Temp. Abd. If yes, show depth set: Feet
CM (Coal Bed Methane)	_	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl.	, etc.):	
If Workover/Re-entry: Old Well Info as f	ollows:	W
Operator:		Drillian Flyid Management Plan
Well Name:		Drilling Fluid Management Plan  (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original Total Depth:	Chloride content: 4000 ppm Fluid volume: 400 bbls
Deepening Re-perf.	Conv. to ENHR	
	Conv. to GSW	Dewatering method used.
Plug Back:	Plug Back Total I	Depth Location of fluid disposal if hauled offsite:
Commingled Peri	mit #:	Operator Name: L. D. DRILLING, INC.
Dual Completion Per	mit #:	
SWD Per	mit #:	***
☐ ENHR Per	mit #:	Quarter SE Sec. 24 Twp. 20 S. R. 15 East Wes
☐ GSW Per	mit #:	County: BARTON Permit #: D21526
08/21/2010 08/26/2010	08/26/201	10
Spud Date or Date Reached	TD Completion	

#### **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	0 (6)
✓ Geologist Report Received	Want.
UIC Distribution	$\mathcal{O}_{\mathfrak{p}}$
ALT VI II III Approved by: Deanna Garrison Date:	01/28/2011

Side Two



Operator Name: L. D.	<u>Drilling, Inc.</u>		Lease Name: _ROBERT Well #:1-2								
Sec. 2 Twp. 21	_s. r. <u>16</u>	☐ East 🗸 West	County: _	Pawr	iee						
INSTRUCTIONS: Show time tool open and close recovery, and flow rates line Logs surveyed. Atta	d, flowing and shu if gas to surface te	t-in pressures, whether s st, along with final chart(	hut-in pressur	e reac	thed static level,	hydrostatic pre	ssures, bottom h	nole temp	erature, fluid		
Drill Stem Tests Taken (Attach Additional She	eets)	✓ Yes		Lc	og Formation	n (Top), Depth	and Datum	✓ \$	✓ Sample		
Samples Sent to Geolog	_	Name Mach			Top Attached	_	Datum tached				
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	Yes No Yes No Yes No									
List All E. Logs Run:											
		CVEINO	RECORD	✓ Ne	w Used						
		Report all strings set-			<del></del>	on, etc.					
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives		
SURFACE	12.25	8.625	23		1055	A-CON	200				
SURFACE	URFACE 12.25 8.625				1055 COMMON		200	3%CC, 1/4#FS			
_		ADDITIONAL	L CEMENTING	/ SQU	EEZE RECORD						
Purpose:  —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Us	ed		Type and	d Percent Additives				
Protect Casing Plug Back TD	-				-						
Plug Off Zone	-										
Shots Per Foot		ON RECORD - Bridge Pluç Footage of Each Interval Pel				cture, Shot, Ceme	ent Squeeze Recor Material Used)	d	Depth		
TUBING RECORD:	Size:	Set At:	Packer At:		Liner Run:	Yes 1	No				
Date of First, Resumed Pr	oduction, SWD or EN	HR. Producing Met	hod:		Gas Lift □ O	ther (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate		ols.	Gas-Oil Ratio	Gravity			
DISPOSITION	OF GAS:		METHOD OF CO	OMPLE	TION:		PRODUCTION	ON INTER	VAL:		
Vented Sold	Used on Lease	1 -	Perf.	, may							

Form	ACO1 - Well Completion	
Operator	L. D. Drilling, Inc.	
Well Name	ROBERT 1-2	
Doc ID	1050025	

### Tops

ANHYDRITE	1014	+992
BASE ANHYDRITE	1043	+963
HEEBNER	3345	-1339
TORONTO	3362	-1356
DOUGLAS	3372	-1366
BROWN LIME	3436	-1430
LANSING	3450	-1444
BASE KANSAS CITY	3684	-1678
VIOLA	3706	-1700
SIMPSON SHALE	3744	-1738
ARBUCKLE	3775	-1769
RTD	3780	-1774

### **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: ROBERT 1-4

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S2/21S/16W BARTON CTY

**Test Information:** 

Company: DIAMOND TESTING

Representative: JOHN RIEDL
Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D804

Test Unit:

Start Date: 2010/08/26 Start Time: 05:45:00

End Date: 2010/08/26 End Time: 12:30:00

Report Date: 2010/08/26 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

200' SLO+GCWM, 300' G+MCW,750' WATER TOTAL FLUID REC: 1250'

GTS 2ND FLOW: GUAGED 7,120 CF/D



#### DIAMOND TESTING

P.O. Box 157

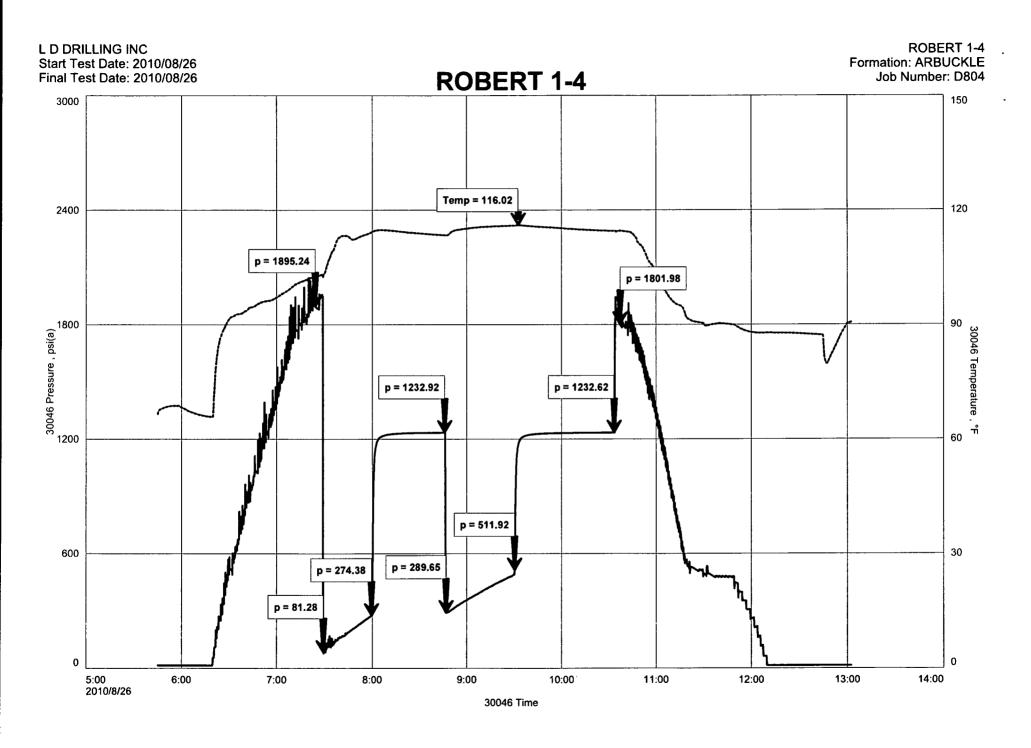
HOISINGTON, KANSAS 67544 (620) 653-7550 • (800) 542-7313 ON:05:45 08/26/10 OFF: 12:00 08//26/10

OFF. 12.00 06//26/10

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

FILEstc/ROberts1-4dst1

Company L D DRILLING INC	Lease & Well No. ROBERT 1-4	
Contractor PETROMARK RIG 2	Charge to L D DRILLING INC	
Elevation 2006 K.B Formation ARBUCKLE		Ft. Ticket No. D804
Date 8/26/10 Sec. 2 Twp. 21 S Range 16 W		
IOOH AHOTIN	Diamond Representative	IOUNIC DIEDI
Formation Test No. 1 Interval Tested from 3740 ft	. to 3780 ft. Tota	1 Depthft.
Packer Depth	Packer Depthft.	
2740	Packer Depthft.	•
Depth of Selective Zone Set	•	
Top Recorder Depth (Inside) 3743 ft.	Recorder Number 30046	Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3777 ft.		Cap 4,000 P.S.I.
Below Straddle Recorder Depthft.		CapP.S.I.
Mud Type CHEMICAL Viscosity 65	Drill Collar Length 120 ft.	
Weight 9.2 Water Loss 8.8 cc.	Weight Pipe Length 0 ft.	
Chlorides 4,000 P.P.M.	Drill Pipe Length 3600 ft.	
Jars: Make BOWEN Seria! Number NOT USED	Test Tool Length 20 ft.	
	Anchor Length 40 ft.	
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Sizein.	
Blow: 1st Open: STRONG (B.O.B 1 MINUTE)		STRONG BB
2nd Open: STRONG (B.O.B 4 MINUTES, GTS 20 MIN.)		STRONG BB
Recovered 200 ft. of SLO+GCWM (5%OIL 10%GAS 35%MUD	50%WATER)	
Recovered 300 ft. of G+MCW (10%GAS 15%MUD 75%WATE		
Recovered 750 ft. of WATER (CHLORIDES 30,000Ppm)		
Recovered ft. of		Price Job
Recoveredft. of		Other Charges
Remarks:		Insurance
GAS GUAGED 7,120 CF/D THRU-OUT GUAGED PERIOD, GAS BUR	NED, SAMPLE TAKEN	
TOTAL FLUID REC: 1250' (1130' IN D.P 120' IN D.C)		Total
Time Set Packer(s) 7:00 A.M A.M.  Time Started Off Be	ottom 10:00 A.M.A.M. Maxin	num Temperature116
Initial Hydrostatic Pressure (4	A)P.S.I.	
·	B)P.S.I. to (C)	274 P.S.I.
	D)P.S.i.	
Final Flow Period Minutes 45	E) 290 P.S.I. to (F)	512 P.S.I.
Final Closed In Period Minutes 60 (0	G) 1232 P.S.I.	
Final Hydrostatic Pressure	H)P.S.1.	·





FIELD SERVICE ORDER NO.

10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124

## FIELD SERVICE TICKET 1718 02374 A

		Y SERVICES Pho MPING & WIRELINE	one 620-672-1	1201			DATE	TICKET NO		<del> </del>				
DATE OF	2 2 -18	DISTRICT PRINT 4	Ĺ.		NEW WELL	OLD   F	ROD INJ	□ WDW	□St	JSTOMER RDER NO.:				
CUSTOMER	1 1)	Drilling To			LEASE A	Obe		/- ż		WELL NO.				
ADDRESS	<i>y</i>	July -			COUNTY RIWNER STATE KS									
CITY		STATE			SERVICE CREW Salling, Melson, Phys									
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							MILES FROM	STATION TO	WELL	65				
products, and/or su become a part of th	pplies includes a	o execute this contract as an a all of and only those terms and out the written consent of an or	conditions appea	ring on	the front and bac	k of this do	GUMENT. No addit	onal or substitute.	CONTE	AACTOR OR AG	S shall GENT)			
ITEM/PRICE REF. NO.		MATERIAL, EQUIPMENT	AND SERVICE	ES USI	ED	UNIT	QUANTITY	UNIT PRIC	E	\$ AMOUN	IT			
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FIELD SERVICE O	ORDER NO					(WELL O	WNER OPERAT	OR CONTRACTO	R OR A	AGENT)				



# TREATMENT REPORT

Customer	Customer, D. Drilling							Lease No.										
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Casing Size	Tubing S	ize	Shots/F	t	· ·		Acid		<del></del>		RATE PRE		PRE	SS	ISIP			
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Volume —	Volume		From		То		Pad				Min				10 Min.			
Max Press	Max Pres	s	From		То	. =	Frac		_		Avg				15 Min.			
Well Connection	n Annulus \	Voi.	From		То						HHP Use	d			Annulus I	Pressure		
Plug Depth	Packer D	epth	From		То		Flush		•		Gas Volu	me			Total Loa	d		
Customer Rep	resentative					Station	Manag	ger DA	UE.	ح ر	v <i>H</i> .	Trea	ter	760 ist	Lle	evan		
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garage and segment where



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124

### FIELD SERVICE TICKET 1718 02530

Phone 620-672-1201 PRESSURE PUMPING & WIRELINE DATE TICKET NO DATE OF JOB 8-26-10 OLD PROD INJ CUSTOMER ORDER NO.: ☐ WDW DISTRICT CUSTOMER LEASE WELL NO. /-COUNTY STATE **ADDRESS** SERVICE CREW CITY STATE **AUTHORIZĖD BY** JOB TYPE: ( PM 2:00 **EQUIPMENT#** HRS **EQUIPMENT#** HRS **EQUIPMENT#** HRS TRUCK CALLED

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SERVICE REPRESENTATIVE REAL TO THE PROPERTY OF	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
	MAIST COMMISS OPERATOR CONTRACTOR OF ACCASE



## TREATMENT REPORT

Customer	0. DR	11.	سه «مرور»	TNC	L	ease No.			Date										
Lease	Pober-	<u>/</u> _	(		٧	Vell# /	- 7					08-26-10							
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Type Job	) W		7.H						F	ormation				Legal Des	scription こ/・/(				
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Well Connection	Annulus \	Vol.	From		То						HHP Use	t			Annulus Pr	essure			
Plug Depth	Packer D	epth	From		То	Flush					Gas Volur	ne			Total Load				
Customer Rep	presentative					Station	Mar	nager	100	- S-	- Li	Treat	ter Z	bont	Lello.	J.			
Service Units	19867	19	999	198	42	1982	26	19918											
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James C. Musgrove  Petroleum Geologist  GEOLOGIST 'S REPORT  DRILLING TIME AND SAMPLE LOG		Che				olomite		REMARKS			
COMPANY L.D. Drilling lac  LEASE Robert # 1-2  FIELD Ash Creek  LOCATION Se-Nw-Ne (990 FNL 1650 FE)  SEC 2 TWSP 21 RGE 16  COUNTY Pawace STATE Kasses  CONTRACTOR Petromark Drilling LLC  SPUD 8-21-2010 COMP 8-26-2010  RTD 3780 LTD  MUD UP 2794 TYPE MUD Charica PRODUCTION D/A  SAMPLES SAVED FROM 3200 TO 3780  DRILLING TIME KEPT FROM 3200 TO 3780  GEOLOGICAL SUPERVISION FROM 3370 TO 3780  GEOLOGICAL SUPERVISION FROM 3200 TO 3780  GEOLOGICAL SUPERVIS		the Roberts #1-2 was plugged and abandaned at I	Descrit al	rational distribution	I EGEND	Anhydrite Salt Sandstone Shate Carb en Limestone Ool.Lime Chert D	DRILLING Tille	SAMPLE DESCRIPTIONS .6 1 2 3 4 5 10 15 20 30	The state of the s	15. CCA - 914 Aus Chilly	
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