

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1049970

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 East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
	Field Name:
Wellsite Geologist:	
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? Yes No
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:	Deilling Fluid Menonement Dien
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
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date 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 III Approved by: Date:

	Side Two	1
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 Shi	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	,	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes Yes Yes Yes] No] No] No					
List All E. Logs Run:								
						on etc		
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D	g	onductor, surface, inte 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					e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) De			
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	L.D. Drilling, Inc.
Well Name	VOTH 1-19
Doc ID	1049970

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	L.D. Drilling, Inc.
Well Name	VOTH 1-19
Doc ID	1049970

Tops

Name	Тор	Datum		
ANHYDRITE	692	+1143		
ТОРЕКА	2750	-915		
HEEBNER	3017	-1182		
BROWN LIME	3129	-1294		
LANSING	3144	-1309		
BASE KANSAS CITY	3376	-1541		
ARBUCKLE	3412	-1577		
LTD	3519	-1684		

PRES	IERGY	SIC P.C Pra	244 NE H). Box 80 htt, Kans one 620-				FIELD SERVICE TICKET 1718 02376 A DATE TICKET NO
DATE OF 7/26/	10	DISTRICT PILAT	TK	í í	NEW (WELL		
	DI DI	LALDNG	/		LEASE U	OT.	H WELL NO. 1-17
ADDRESS					COUNTY	Bath	FON STATE HS
CITY		STATE			SERVICE CF	REW 2	G, Kazven BRDAN
AUTHORIZED BY					JOB TYPE:	Cn	W-LOUCSTRAUG
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	IPMENT#	HRS	TRUCK CALLED 7-22 MODILE
19901	/						
77463					·		START OPERATION
21401		· ·			······		FINISH OPERATION
19831		· · ·					RELEASED (MOSO)
19862							MILES FROM STATION TO WELL 55

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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 OWNE	R, OPERATOR, CON	TRACTOR OR AGENT)		
ITEM/PRICE REF. NO.	MATERIAL EQUIPMENT AND SERVICE	ES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT		
CP103	60/40 Poz		14	OSK.	·	1680.00		
CP103	60/40 102		30	D SIC-		360.00		
Cell	SAT		12:	53 15		626.50		
CC112	CFR		61	16.		366.00		
CC201	GILSOWITE		70	0 16		469.00		
CF103	512 TOP RUBBER PL	us	1.	EACH		105.00		
CF251	5'M GUIDE SHOE		1	EHet!		250.00		
CF1451	511 AFU DUSEDI	FOAT	10	=77571		215.00		
C+1651	512 TURBOLIZE	R	6	Arch		660.00		
C 704	CS-IL KCL		1	941,		35.00		
@C151	mudfush		500	991-		430.00		
E100	PECICUP MILE.		55	mile		233,25		
E101	TLUCK MARE.		110	mle		770,00		
E113,	FUCK DE LEVERY		404	+ TM		646.80		
CE204	PLANT CHATLEB	·	1	EVRH		2160 60		
06240	BLENDDUC ColANA	E	170	SK		238.00		
PC504	PLUG CONTRONER			EACH		250.00		
5003	SERVICE SUPERU	230/C	1	Etell		173,00		
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FIELD SERVICE ORDER NO. (WELL OWNER OPERATOR CONTRACTOR OR AGENT)								

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10244	NE Hiwa	iy 61 • P	.O. Box 86	13 • Pra	tt, KS 6	7124-861	3 • (620) 672	-1201 • Fa	x (620) 672-5383
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St. Berry

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Taylor Printing, Inc. 620-672-3656

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10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

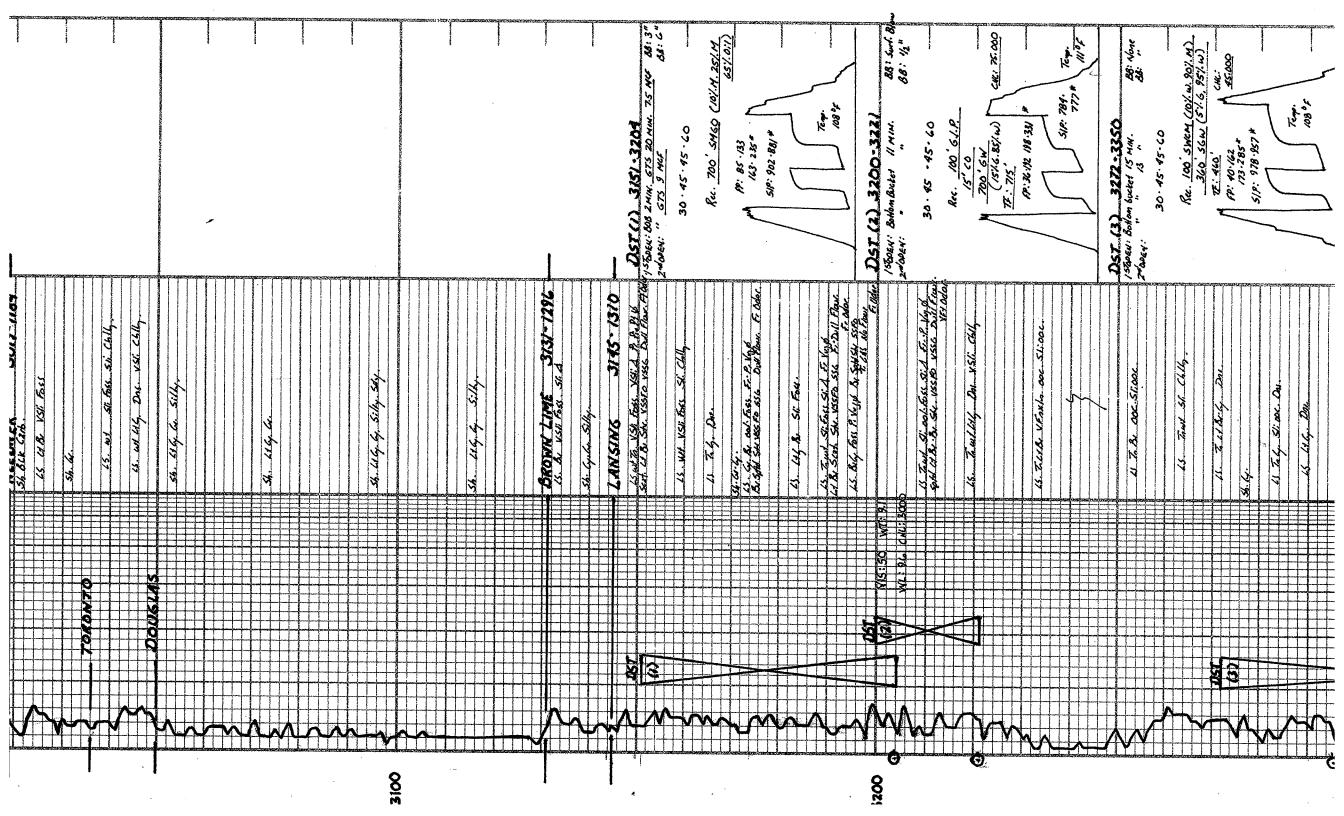
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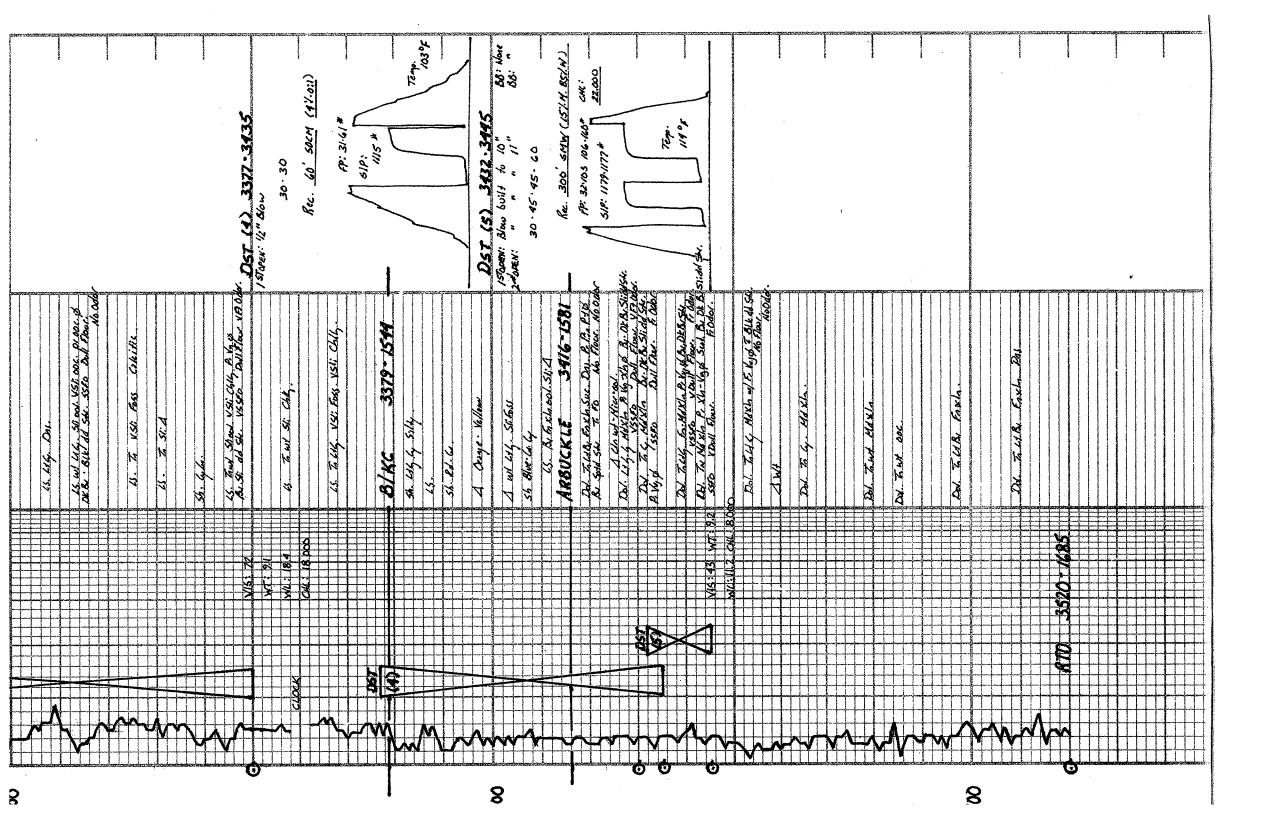
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COMPANY L. D. DRILLING, INC. LEASE # 1-19 VOTH	ELEVATIONS	· 00 <i>9 - 25</i> 45			
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CONTRACTOR <u>PETROMARK R16 2</u> SPUD 7-19-10 COMP 7-26-10	CASING SURFACE 856 338' PRODUCTION 545 2 ELECTRICAL SURVEYS		Carb sh	SAMPLE D	J. I I I I I I I I I I I I I I I I I I I
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Client Infor	mation:				
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Test Inform	ation:				
Company:		DIAMOND TESTING			
Representat	tive:	JOHN RIEDL			
Supervisor:		KIM SHOEMAKER			
Test Type:		CONVENTIONAL		Job Number:	D786
Test Unit:					
Start Date:		2010/07/23		Start Time:	01:40:00
End Date:		2010/07/23		End Time:	09:10:00
Report Date	:	2010/07/23		Prepared By:	JOHN RIEDL
<u>Remarks:</u>				Qualified By:	KIM SHOEMAKER

RECOVERY: GAS TO SURFACE DURING TEST 700' SLIGHTLY MUD CUT GASSY OIL

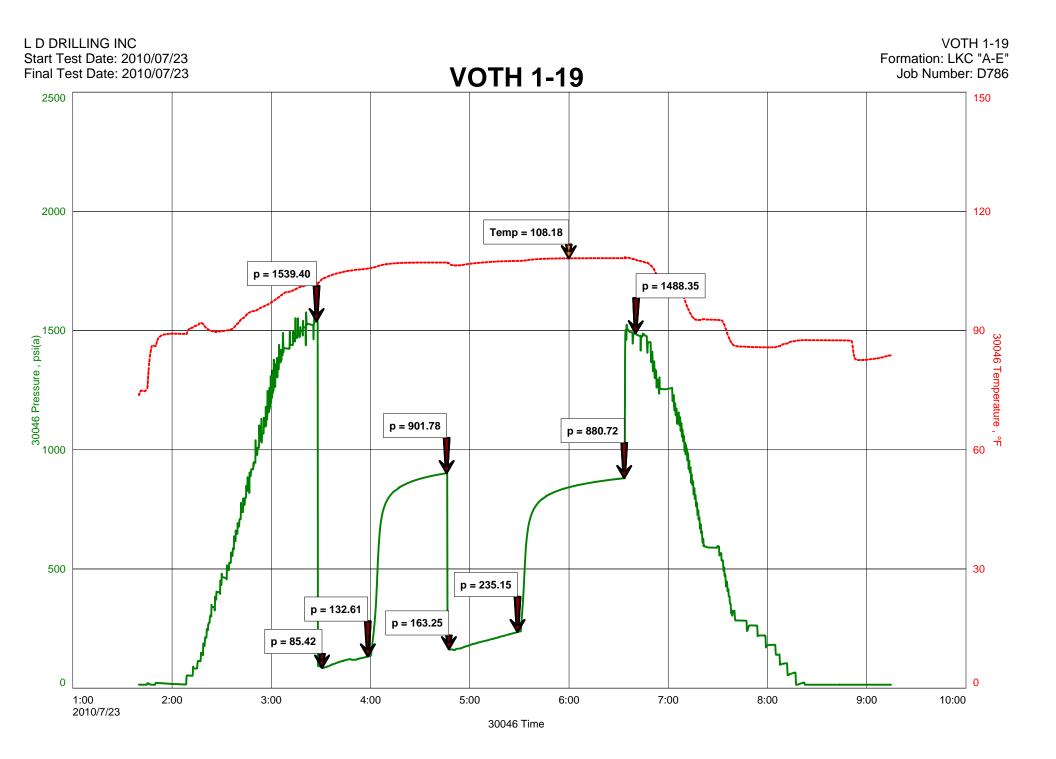


HOISINGTON, KANSAS 67544

(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.	



Client Infor	mation:			
Company:	L D DRILLING INC			
Contact:	L D DAVIS			
Phone:	Fax:	e-mail:		
Site Informa	ition:			
Contact:	KIM SHOEMAKER			
Phone:	Fax:	e-mail:		
Well Informa	ation:			
Name:	VOTH 1-19			
Operator:	L D DRILLING INC			
Location-Dov	wnhole:			
Location-Sur	face: S19/19S/12W BARTON CTY			
Test Inform	ation:			
Company:	DIAMOND TESTING			
Representat	ive: JOHN RIEDL			
Supervisor:	KIM SHOEMAKER			
Test Type:	CONVENTIONAL		Job Number:	D787
Test Unit:				
Start Date:	2010/07/23		Start Time:	13:40:00
End Date:	2010/07/23		End Time:	21:00:00
Report Date	2010/07/23		Prepared By:	JOHN RIEDL
<u>Remarks:</u>			Qualified By:	KIM SHOEMAKER

RECOVERY: 100' GAS IN PIPE, 10' FREE OIL, 700' GASSY WATER

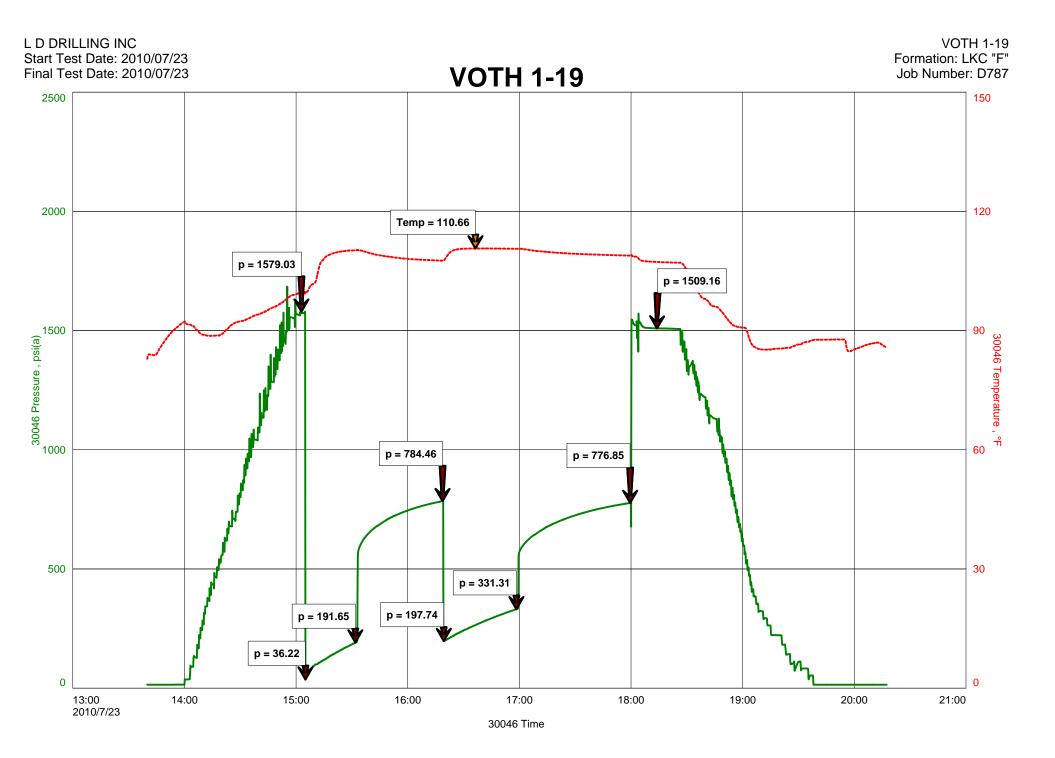


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DRILL-STEM TEST TICKET

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.	



Client Infor	mation:				
Company:	L D DF	RILLING INC			
Contact:	L D DA	ACIS			
Phone:		Fax:	e-mail:		
Site Informa	ation:				
Contact:	KIM SI	HOEMAKER			
Phone:		Fax:	e-mail:		
Well Information	ation:				
Name:	VOTH	1-19			
Operator:	L D DF	RILLING INC			
Location-Dov	wnhole:				
Location-Sur	rface:	S19/19S/12W BARTO	NCTY		
Test Inform	ation:				
Company:		DIAMOND TESTING			
Representat	tive:	JOHN RIEDL			
Supervisor:		KIM SHOEMAKER			
Test Type:		CONVENTIONAL		Job Number:	D788
Test Unit:					
Start Date:		2010/07/24		Start Time:	07:40:00
End Date:		2010/07/24		End Time:	13:40:00
Report Date	:	2010/07/24		Prepared By:	JOHN RIEDL
<u>Remarks:</u>				Qualified By:	KIM SHOEMAKE

RECOVERY: 100' WATERY MUD, 360, SLIGHTLY GAS CUT WATER

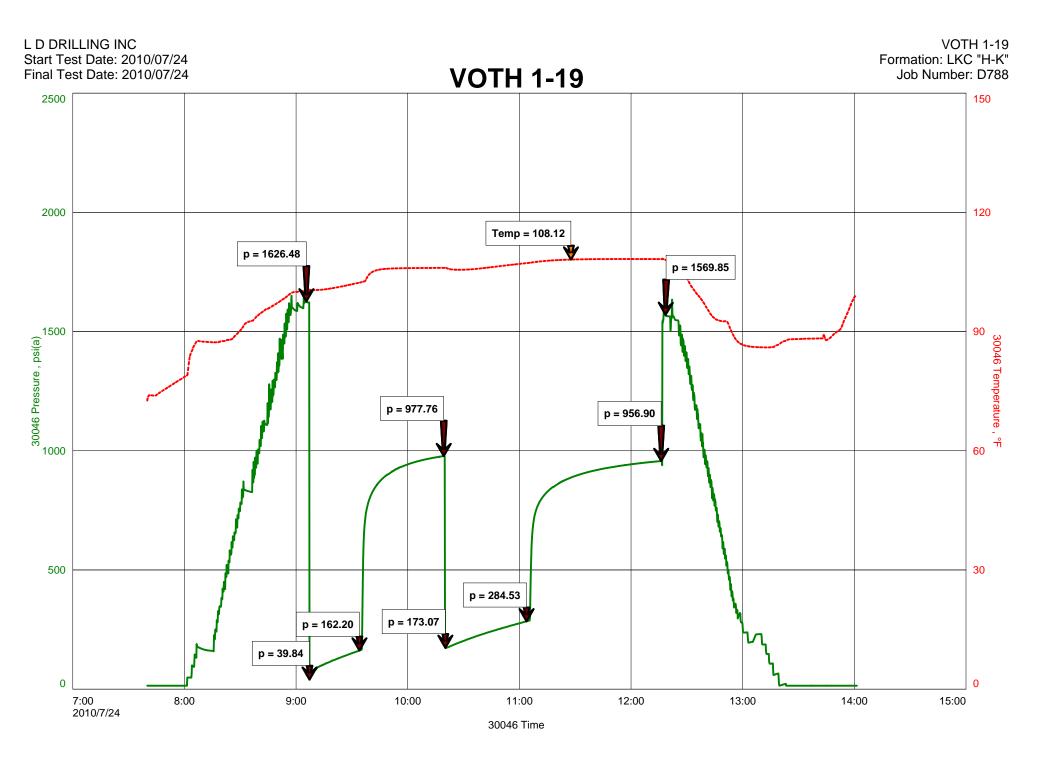


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DRILL-STEM TEST TICKET

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.	



Client Information:						
Company:	L D DRILLING INC					
Contact:	L D DAVIS					
Phone:	Fax: e-mai					
Site Information:						
Contact:	KIM SHOEMAKER					
Phone:		Fax:	e-mail:			
Well Informa	ation:					
Name:	VOTH 1-19					
Operator:	L D DRILLING INC					
Location-Dov	wnhole:					
Location-Sur	face:	S19/19S/12W BARTON C	ΤY			
Test Information:						
Company:		DIAMOND TESTING				
Representat	ative: JOH RIEDL					
Supervisor:		KIM SHOEMAKER				
Test Type:		CONVENTIONAL		Job Number:	D789	
Test Unit:						
Start Date:		2010/07/24		Start Time:	21:40:00	
End Date:	: 2010/07/25			End Time:	01:55:00	
Report Date	Report Date:2010/07/25Prepared By: JOHN RIEDL			JOHN RIEDL		
Remarks: Qualified By: KIM SHOEMAKER						

RECOVERY: 60' SLIGHTLY OIL CUT MUD

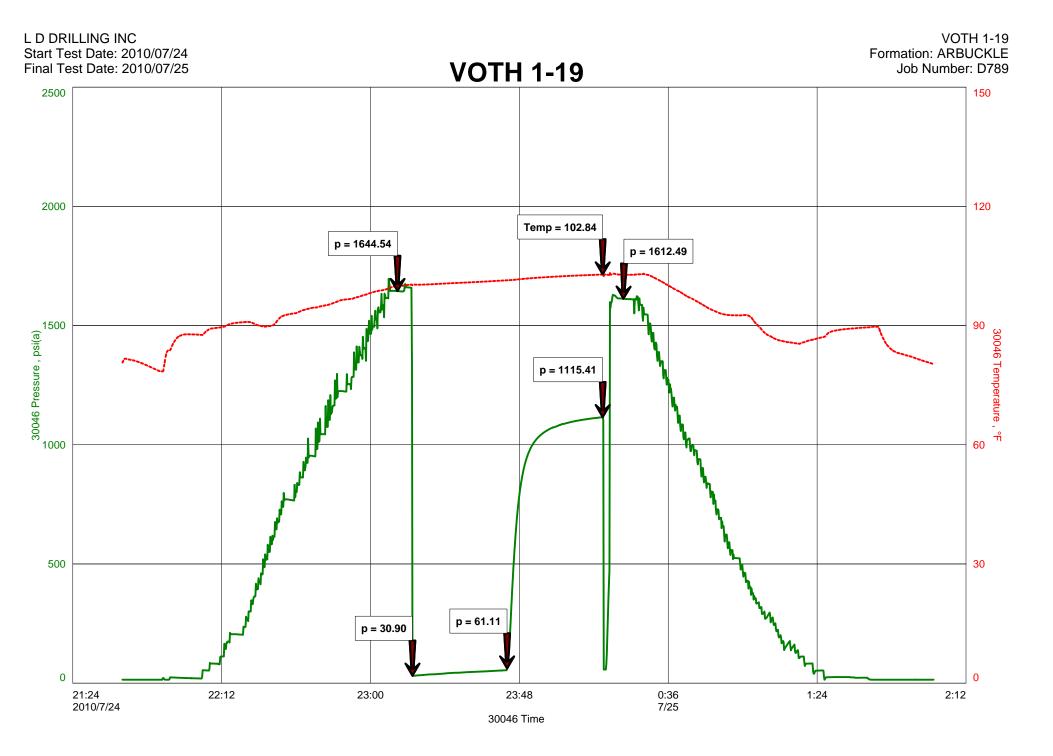


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DRILL-STEM TEST TICKET

Company	Lease & Well No	
Contractor	Charge to	
Elevation Formation	Effective Pay	Ft. Ticket No
DateSecTwpS 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 Lossc	c. Weight Pipe Length	ft, I.D. <u>2 7/8</u> in.
ChloridesP.P.M.	Drill Pipe Length	_ft. I.D. <u>3 1/2</u> in
Jars: Make BOWEN Seria! 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	1. Surface Choke Size1	_in. Bottom Choke Size_5/8_in
Blow: 1st Open:		
2nd Open:		
Recoveredft. of	··	
Recoveredft. of		
Recoveredft. of		
Recoveredft. of		Price Job
Recoveredft. of		Other Charges
Remarks:		Insurance
A.M.	A.M.	Total
Time Set Packer(s)P.M. Time Started	Off BottomP.M. M	aximum Temperature
Initial Hydrostatic Pressure		
Initial Flow Period Minutes		(C)P.S.I.
Initial Closed In Period Minutes		
Final Flow Period Minutes		(F)P.S.I.
Final Closed In Period Minutes		
Final Hydrostatic Pressure	(H)P.S.1.	



Client Information:						
Company:	L D DRILLING INC					
Contact:	L D DAVIS					
Phone:	Fax:		e-mail:			
Site Information:						
Contact:						
Phone:	Fax:		e-mail:			
Well Informa	tion:					
Name:	VOTH 1-19					
Operator:	L D DRILLING INC					
Location-Downhole:						
Location-Sur	face: S19/19S/12V	BARTON CTY				
Test Information:						
Company:	DIAMOND T	ESTING				
Representat	epresentative: JOHN RIEDL					
Supervisor:	KIM SHOEM	AKER				
Test Type:	CONVENTIO	NAL		Job Number:	D790	
Test Unit:						
Start Date: 2010/07/25			Start Time:	07:40:00		
End Date:	2010/07/2	25		End Time:		
Report Date	2010/07/2	25		Prepared By:	JOHN REIDLKIM	
<u>Remarks:</u>				Qualified By:	KIM SHOEMAKER	

RECOVERY: 300' SLIGHTLY MUD CUT SULFUR WATER



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DRILL-STEM TEST TICKET

Company	Lease & Well No	
Contractor	Charge to	
Elevation Formation	Effective Pay	Ft. Ticket No
DateSecTwpS 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 Lossc	c. Weight Pipe Length	ft, I.D. <u>2 7/8</u> in.
ChloridesP.P.M.	Drill Pipe Length	_ft. I.D. <u>3 1/2</u> in
Jars: Make BOWEN Seria! 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	1. Surface Choke Size1	_in. Bottom Choke Size_5/8_in
Blow: 1st Open:		
2nd Open:		
Recoveredft. of	··	
Recoveredft. of		
Recoveredft. of		
Recoveredft. of		Price Job
Recoveredft. of		Other Charges
Remarks:		Insurance
A.M.	A.M.	Total
Time Set Packer(s)P.M. Time Started	Off BottomP.M. M	aximum Temperature
Initial Hydrostatic Pressure		
Initial Flow Period Minutes		(C)P.S.I.
Initial Closed In Period Minutes		
Final Flow Period Minutes		(F)P.S.I.
Final Closed In Period Minutes		
Final Hydrostatic Pressure	(H)P.S.1.	

