

Kansas Corporation Commission Oil & Gas Conservation Division

1053982

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
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 Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or 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



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually (nmingled mit ACO-4)			



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

1718 **03655** A

	nc rolvirily	D OF ARIDICTUAL				DATE	TICKET NO.			
DATE OF 32	Oll DIS	TRICT PRATT,	NEW WELL	OLD □ F	ROD INJ	□ WDW	□Ö	USTOMER PRDER NO.:		
CUSTOMER Z				LEASE (MAR	y S		144	WELL NO	2-9
ADDRESS			COUNTY	BAR	TON	STATE	K	5.		
CITY		STATE	SERVICE C	REW L	ESLEY, N	ITCHELL,	VE	ATCH		
AUTHORIZED BY				JOB TYPE:	•	1-85	6" S.P.		*	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALL		7 DAT	E PM	11/5 ₀
19870	1					ARRIVED AT		<	36	30
19889-19842	1					START OPER	RATION 3-	18-1		∞
19959 - 21010	1				_	FINISH OPER		-		100
						RELEASED		>		130
					+	MILES FROM	STATION TO	WELI		دی.
ITEMPRICE REF. NO.	1	ERIAL, EQUIPMENT	AND SERVICES	USED	UNIT	QUANTITY	ER, OPERATOR, UNIT PRIC	-	\$ AMOL	INT
CP 103 60		102			SK	320			3,840	00
CC 102 CE		AKE	10		10	81		+	299	70
CF 153 Wo	CON	1 CHLORII CEMENT	041/2 0	56"	EA	828		-	1/05	000
E 100 PI	CKUF	MILEAGE	-	5-78	mi	60			25	500
		EQUIPME		EAGE	MI	120			840	000
E 113 BU	LKZ	ELIVERY C	HARGE		TM	828			1,320	180
CE 200 DE	PTH	CHARGE,	0.500		HR	1-4			1,000	200
		NG SERVI		2GE	SK	320		-	44	
5 003 SE		E SUPERI WTADVIR		7	EA	1		1	2.50	000
22,004 70	May G		10000101		9.3.0	,				
	(97									
			1				SUB T	OTAL	7090	6,4
CHEMICAL /	ACID DATA:		1					100		
CHEMICAL /	ACID DATA:		ſ	SERVICE & EQU	!PMENT	%TA>	ON \$	24		
CHEMICAL /	ACID DATA:		[SERVICE & EQU MATERIALS	!PMENT		ON\$	OTAL		

SERVICE THE ABOVE MA ORDERED BY I

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



TREATMENT REPORT

	0		0.000											
Custome	DRIL	LING, I	NC.	Lease No.					Date _					
Lease M	ARYS			Well #	Q -	9				18.				
Field Order #	Station	PRAT	T, Ks.			Casing 5	Depth Depth	50'	County BA	RTON		State Ks.		
Type Job	Type Job CNW - 85/8" S.P.								•	Legal De	scription	Į		
	E DATA	SEAR	FORATIN	G DATA		FLUID (JSED		TREA	TMENT F	RESUME			
Casing Style	Tubingsi	ze Shots/F	t C	MT -	-Aci	320SK	100/40 Poz	1	RATE PRE	ss	ISIP			
Degth 17.89		From	То		Pre		21CUFT3	Max			5 Min.			
Volume BB	Volume	From	То		Pac			Min			10 Min.			
Max Bress	Max Pres	s From	То		Fra	ıc		Avg			15 Min.			
Wessonnection	on Annulus \	/ol. From	То					HHP Used			Annulus P	ressure		
Plus Day, the sa	Packer D	epth From	То			sh <i>30</i> , 9		Gas Volum			Total Load			
Customer Rep			T#2	Station	n Man	ager 📐 🔇	Con		Treater &	LES	SLEV			
Service Units	19870	19889	19846								/			
Driver Names		MITCHEL	Ł	VEAT	CH									
Time	Casing Pressure	Tubing Pressure	Bbls. Pu	mped		Rate			Serv	rice Log				
9:30Pm							ONL	OCATI	ON - 51	AFETY	MEL	ETING		
1:30Am							RUNE	3175,-	85/8"x	24#	259.			
1:00 AM									BOTTON					
2:10Am									/			2, W/RIG		
2 15 Am							SWIT	CH OL	ER TO	Pum	PTR	UCK_		
2:16Am	150		5			5		AHEI						
2:29Am	190		60	1		le		SAOSK 60/40POZ (Q) 14.8 PPG OT DOWN - RELEASE PLUG						
2:30Am				-		٠								
2:40AM	0					5			ISPLA		ENT	-		
2:47Am	100		12	-		4			SSURE					
2:55Am	5473		15	_		3	SLO	WRI	TE.		10-	1500		
3:00Am	300		20.	5	_	<u> </u>	1706	7 DOW	N-CC	OSE IN	VH7 E	HEAD		
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1024	1 NF Him	vav 61 • F	PO Box	8613	Pr	att. KS.6	7124-861	3 • (620	672-12	01 • Fax	(620) 6	72-5383		



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

FIELD SERVICE TICKET 1718 03722 A

ENERGY SERVICES Phone 620-672-12 PRESSURE PUMPING & WIRELINE			DATE	TIÇKET NO	
DATE OF 3-24-11 DISTRICT Pratt	NEW D	, Ord □ b	PROD INJ	□ wow □ S	SUSTOMER ORDER NO.:
CUSTOMER L.D. Drilling	LEASE (n=	ı's		WELL NO. 2-9
ADDRESS	COUNTY	Bze	Lan	STATE K	S
CITY STATE	SERVICE C			hattel, wis	
AUTHORIZED BY	JOB TYPE:		w-572		Ci 1 O' pullos I
The state of the s	EQUIPMENT#	HRS	TRUCK CALL		1 9 2 TIME
27283 /1	EGOII MEIVIT	11110	ARRIVED AT	0.0-11	
19903-19905 1/2				3 501	
19969-2101012			START OPER		(AM) 9:00
			FINISH OPER	RATION (9:31
			RELEASED	1	DE:0130
			MILES FROM	STATION TO WEL	60
The undersigned is authorized to execute this contract as an agent of the custome products, and/or supplies includes all of and only those terms and conditions appearing become a part of this contract without the written consent of an officer of Basic Energy	g on the front and ba	ck of this do	cument. No additi	edges that this contract onal or substitute terms	and/or conditions shall
ITEM/PRICE MATERIAL, EQUIPMENT AND SERVICES	USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT.
CP103 60/40 P02		5K	175		210000
CP103 60/40 POZ		SK	30		36000
CCIO2 Coll Plane		16	44		16280
CC111 591+		Lb	1558		77900
CC112 Friction Reducer		Llo	14		(08400
CC201 6:150mite		Llo	8.25		58625
C5 607 Latch Down Plug & Baff	e 5/2 (B)		1		40000
CF 1001 Packer Shoe 51/2" (Red)		eg	1		370000
CFILET Turbolizer (Blue)		ea	4		44000
CTOY KCL Substitute	741	Gal			3500
CC151 Mud Stysh		601	500		43000
ELUD Pichup Mileage		mi	60		25500
EIDI Heavy Eggipment Mileage		mi	130		84000
Eli3 Bulk Belivery		Im	531		849 60
CEZOH Depth Charge		·e 4			216000
CE240 Cement Service Charge		54	205		28700
CESUY Pluz Container		ea	4 -		25000
5003 Service Supervisor		وم			17500
CHEMICAL / ACID DATA:				SUB TOTAL	10,87024
	SERVICE & EQU	IPMENT	%TAX	ON \$	
	MATERIALS		%ТАХ	(ON \$	
				TOTAL	
121 - 2					1
SERVICE REPRESENTATIVE Steve O Lando ORDERED BY CO	ATERIAL AND SEI CUSTOMER AND	RVICE RECEIVE	ову∕ €	mouth c	led

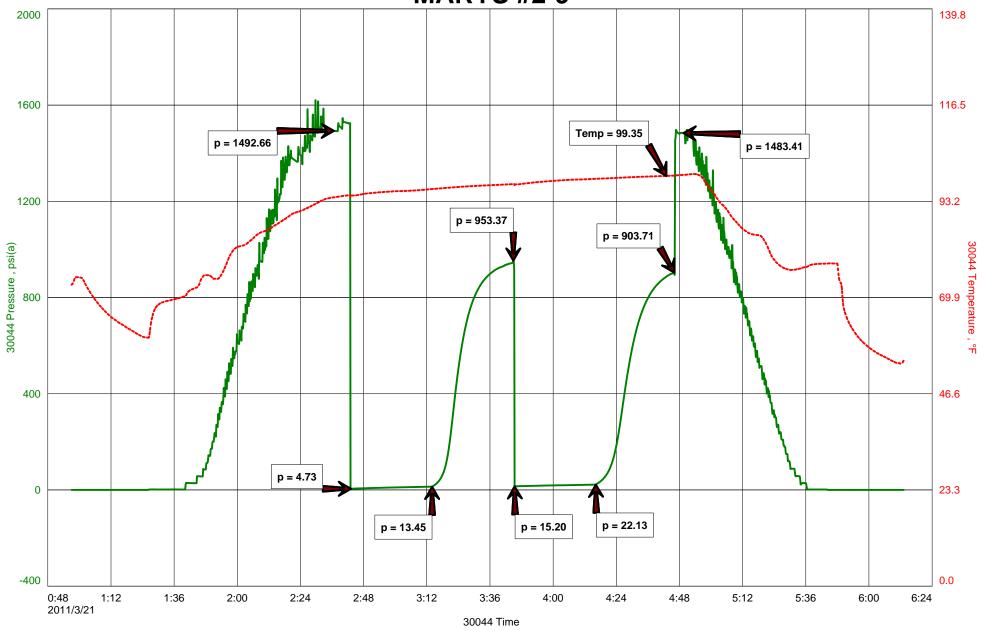


TREATMENT REPORT

Custome	er L.	0.0	1,20	Tin.	`	Le	ease No.			Date 2 1/)						
Lease					5	W	'ell#) — ·	9				3-24	•		
Field On		Station	₹,	9+4			Casing			Depth	3496	County	Barton	S	State K 5	
Type Jol		NV	– ر	.57	12 1	<	, P.	.dee	r Shor	Formation			Legal C	Description o	-19-12	
	PIPE			PERF		ING	DATA		FLUID L	ISED	1.13	TI	REATMENT	RESUME		
Casing S	ize #	Tubing Siz	e S	Shots/Ft	T		175	Sus	60/40	2090	COD 40	RATE	PRESS	ISIP		
Depth 3		Depth	F	rom		То	300	Pre	Pad /40	POZKH.	Max			5 Min.		
35 Volume	137	Volume	F	rom		То		Pa	d		Min			10 Min.		
Max Pres	100 100	Max Press	F	rom		То		Fra	ıc		Avg			15 Min.		
Well Con	nection ک.	Annulus V	ol. _F	rom		То					HHP Use			Annulus Pres	asure	
Plug Dep	ት ን	Packer De	pth F	rom		То		Flü			Gas Volur		an and the second	Total Load		
Custome	r Repre	esentative \	1	1. 1	ي بيد		Station	n Man	ager 0 a	ve Sco	++	Treate	Streve	Orlande	7	
Service U	Jnits C	17283	199	103/	1990	5			31010			-				
Driver Names) F/ 2 mold		et t	el		Wis	e -/	Jason							
Time		Casing Pressure		ssure	Bbls	. Pum	ped		Rate			-	Service Log			
4:00	**-									Delo	catio	<u>, - `</u>	- fety	Meetin	3001	
-	_		_				-								6 349B	
1	-					-							-3-5-			
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	_	2.5			_		$\overline{}$		5	Puns				(CL 42		
3.5		250				7	7		5	Pom	J Elu	-	0 10 1	1 CL 77 G		
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9:05						3	7		<u></u>	Mix 1755h 60/40 poz @ 15.					16.4#	
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L.D. DRLG DST#1 3134-3185 LANS A-B Start Test Date: 2011/03/21 Final Test Date: 2011/03/21





Pressure Survey Report

General Information

Company Name L.D. DRLG Job Number M121 MARY S #2-9 Representative MIKE COCHRAN **Well Name** Unique Well ID DST#1 3134-3185 LANS A-B Well Operator L.D. DRLG Surface Location SEC.9-19S-12W BARTON CO. KS. Report Date 2011/03/21 **MIKE COCHRAN** WILDCAT Prepared By **Field** Vertical Qualified By **Well Type JOSH AUSTIN Test Unit**

Test Information

Test Type CONVENTIONAL Formation DST#1 3134-3185 LANS A-B Test Purpose (AEUB) Initial Test

 Start Test Date
 2011/03/21
 Start Test Time
 00:57:00

 Final Test Date
 2011/03/21
 Final Test Time
 06:14:00

 Well Fluid Type
 01 Oil

Gauge Name 30044

Gauge Serial Number

Test Results

Remarks

RECOVERED:

5' GDM 1% GAS, 99% MUD, LIGHT SCUM OF OIL 5' TOTAL FLUID

TOOL SAMPLE: DM W/SPOTS OF OIL

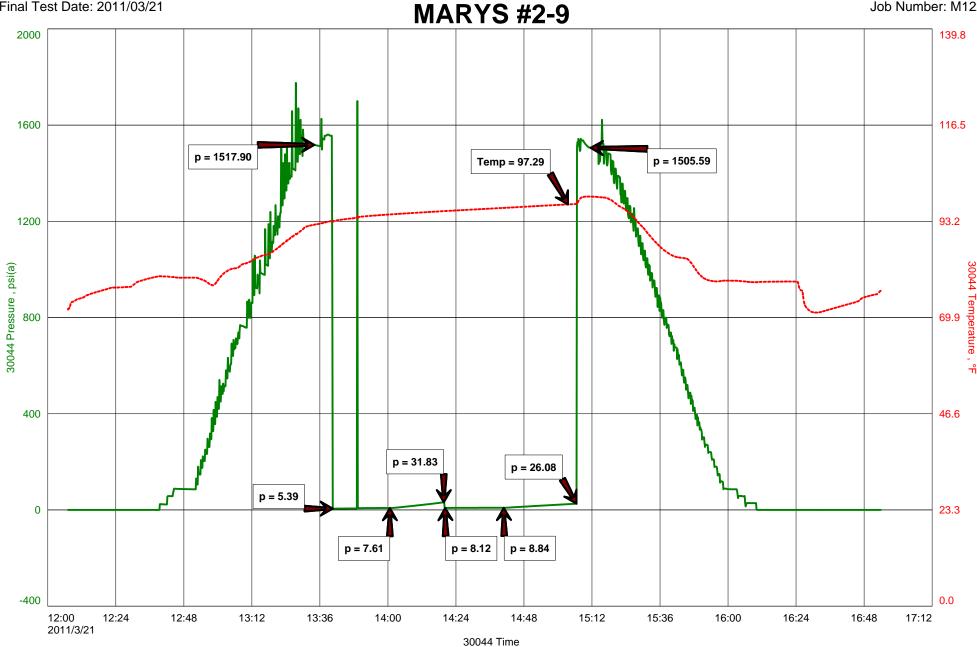


DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

L.D. DRLG DST#2 3185-3225 LANS C-F Start Test Date: 2011/03/21 Final Test Date: 2011/03/21 ${\it MARYS~\#2-9} \\ {\it Formation:}~ {\it DST\#2~3185-3225~LANS~C-F} \\$



Pressure Survey Report

General Information

Company Name L.D. DRLG Job Number M122 MARYS #2-9 Representative MIKE COCHRAN **Well Name** DST#2 3185-3225 LANS C-F Well Operator SEC.9-19S-12W BARTON CO. KS. Report Date Unique Well ID L.D. DRLG Surface Location 2011/03/21 **MIKE COCHRAN** WILDCAT Prepared By **Field** Vertical Qualified By **Well Type JOSH AUSTIN Test Unit**

Test Information

Test Type CONVENTIONAL Formation DST#2 3185-3225 LANS C-F Test Purpose (AEUB) Initial Test

 Start Test Date
 2011/03/21 Start Test Time
 12:07:00

 Final Test Date
 2011/03/21 Final Test Time
 14:56:00

 Well Fluid Type
 01 Oil

Gauge Name 30044

Gauge Serial Number

Test Results

Remarks

RECOVERED:

2' DM W/ SPECKS OF OIL 2' TOTAL FLUID

TOOL SAMPLE: DM W/ OIL SPOTS

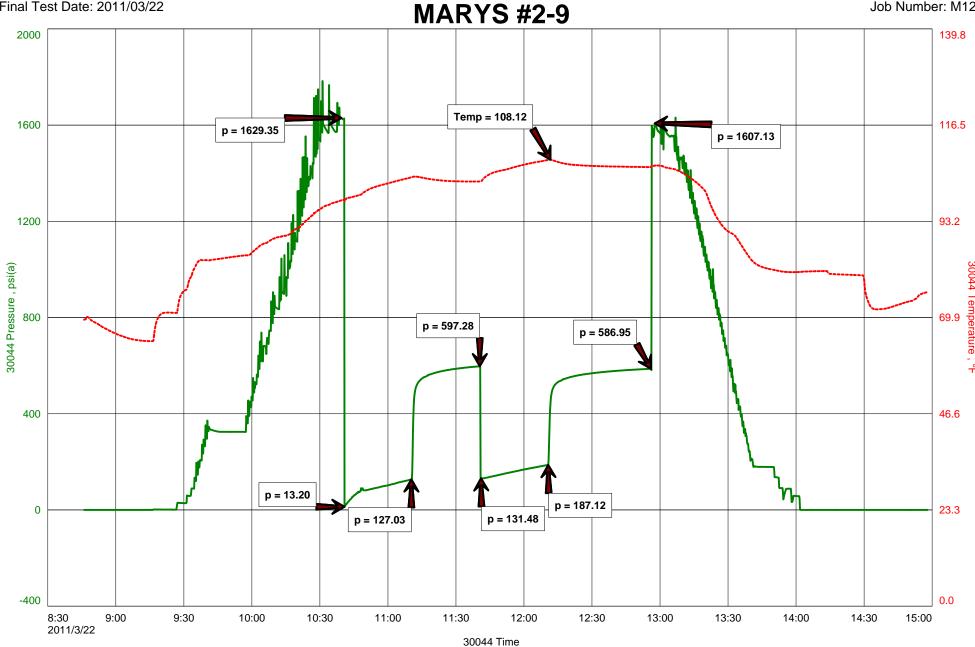


DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FHi
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

L.D. DRLG DST#3 3274-3400 LANS H-L Start Test Date: 2011/03/22 Final Test Date: 2011/03/22 MARYS #2-9 Formation: DST#3 3274-3400 LANS H-L



Pressure Survey Report

General Information

Company Name L.D. DRLG Job Number M123 **Well Name** MARYS #2-9 Representative MIKE COCHRAN **Unique Well ID** DST#3 3274-3400 LANS H-L Well Operator L.D. DRLG Surface Location SEC.9-19S-12W BARTON CO. KS. Report Date 2011/03/22 **MIKE COCHRAN WILDCAT Prepared By Field Well Type Vertical Qualified By JOSH AUSTIN Test Unit**

Test Information

Test Type CONVENTIONAL Formation DST#3 3274-3400 LANS H-L Test Purpose (AEUB) Initial Test

 Start Test Date
 2011/03/22
 Start Test Time
 08:46:00

 Final Test Date
 2011/03/22
 Final Test Time
 14:59:00

 Well Fluid Type
 01 Oil

Gauge Name 30044

Gauge Serial Number

Test Results

Remarks

RECOVERED: 177' GIP

201' GMW 2% GAS, 71% WTR, 27% MUD, THIN SCUM OF OIL

184' GMW 2%GAS, 95% WTR, 3% MUD

385' TOTAL FLUID

CHLOR: 60,000 PPM RW: .10 @ 82 DEG

PH: 7.0

TOOL SAMPLE: 1% GAS, 96% WTR, 3% MUD

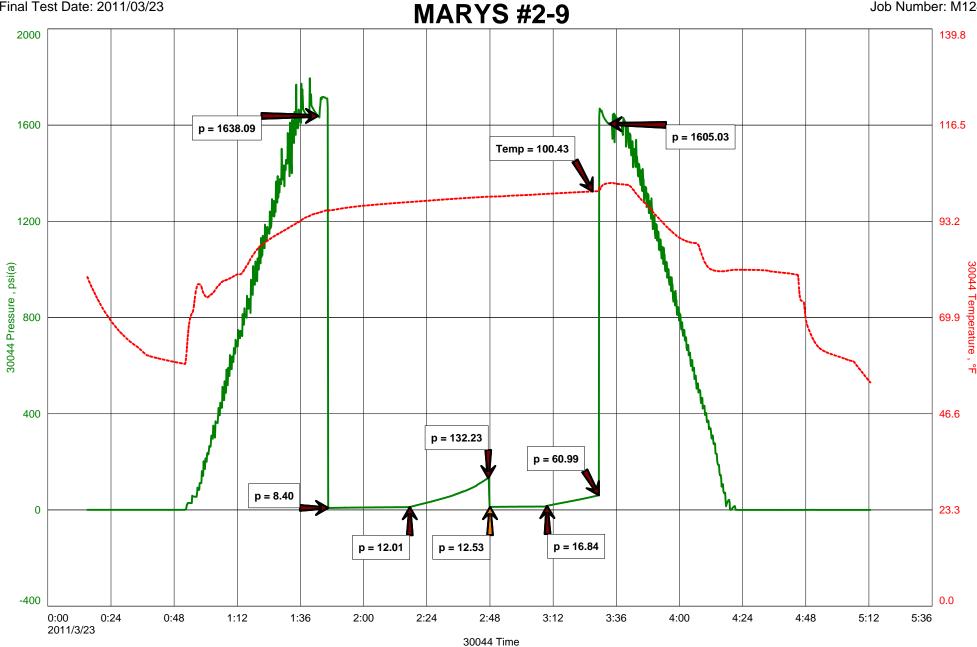


DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FHi
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

L.D. DRLG DST#4 3387-3460 ARB Start Test Date: 2011/03/23 Final Test Date: 2011/03/23 MARYS #2-9 Formation: DST#4 3387-3460 ARB



Pressure Survey Report

General Information

Company Name L.D. DRLG Job Number M124 MARYS #2-9 Representative MIKE COCHRAN **Well Name** Unique Well ID DST#4 3387-3460 ARB Well Operator L.D. DRLG SEC.9-19S-12W BARTON CO. KS. Report Date
WILDCAT Prepared By Surface Location 2011/03/23 **MIKE COCHRAN Field** Vertical Qualified By **Well Type JOSH AUSTIN Test Unit**

Test Information

Test Type CONVENTIONAL Formation DST#4 3387-3460 ARB Test Purpose (AEUB) Initial Test

 Start Test Date
 2011/03/23
 Start Test Time
 00:15:00

 Final Test Date
 2011/03/23
 Final Test Time
 05:12:00

 Well Fluid Type
 01 Oil

Gauge Name 30044

Gauge Serial Number

Test Results

Remarks

RECOVERED:

2' DM 100% MUD 2' TOTAL FLUID

TOOL SAMPLE: DM 100% MUD



DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
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Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
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Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				



Offica (620) 588-4250

James C. Musgrove Petroleum Geologist 212 Main St. . P.O. Box 215 . Claffin, KS 67525

Hama (620) 597-3444

	THE LINE LIME	ANU DAMPLE	LUG
COMPANY L. D. P.: I LEASE Mary S. FIELD Knop LOCATION NW-Se STC 9 MISSE COURTY Barton	#2-9 - Se-Se 19s REF		ELEVATIONS KB
CONTRACTOR Petro.		All from a secure from the second of the first first from the second form and the	85,10 350
SPUB 03 - 17-2011	_	0 -	SELECTION 330
3835			ELECTRICAL SURVEYS
MD UP 2611	TYPE MUD I	hemiech Displaced	Nonc
SAMPLES SAVED FRO	K Z	700	TO 3835
DRILLING TIME KEP	1 1 pl. grd. 2 3 1 Northwise States in Million States Stat	?700	10 3835
SAMPLES EXAMINED	FROM	2700	TO 3835
GEOLOGICAL SUPERV	ISION FROM	2830	10 3835
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