

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1272851

Form ACO-1
August 2013
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:			Sec.	Twp S. R	East West
Address 2:			F6	eet from North / Se	outh Line of Section
City: S	tate: Z	ip:+	Fe	eet from East / W	lest Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Cor	rner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well	l #:
	e-Entry	Workover	Field Name:		
	_	_	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _	
OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:
CM (Coal Bed Methane)	_ dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet
Cathodic Other (Con	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	No
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet
Operator:			If Alternate II completion, of	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:	Original T	otal Depth:			
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t		
Commingled	Dormit #		Chloride content:	ppm Fluid volume: _	bbls
Dual Completion			Dewatering method used:		
SWD			Location of fluid disposal if	i hauled offsite:	
☐ ENHR			Loodiion of haid diopodal in	nation office.	
GSW	Permit #:		Operator Name:		
_ <del>_</del>				License #:	
Spud Date or Date Re	ached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
Recompletion Date		Recompletion Date	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										
Confidentiality Requested										
Date:										
Confidential Release Date:										
Wireline Log Received										
Geologist Report Received										
UIC Distribution										
ALT I II Approved by: Date:										

Page Two



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(	CASING REC	ORD Ne	w Used			
		· ·		ıctor, surface, inte	ermediate, producti		T	
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	# Sacks Used Type and Percent Additives				
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)
Does the volume of the to		•				_	o question 3)	(" 100 ")
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)
Shots Per Foot		ION RECORD - Bri Footage of Each Int				cture, Shot, Cement		d Depth
	, ,				,		,	
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		, 4 CT - 1		TION:		DRODUCTIO	AN INTEDVAL.
Vented Solo	ON OF GAS:  Used on Lease	Open Ho		IOD OF COMPLE $\Box$		nmingled	PHODUCIIC	ON INTERVAL:
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Mar-Lou Oil Co., LLC
Well Name	Jenisch 6
Doc ID	1272851

## Tops

Name	Тор	Datum
Anh	792	1119
Тор	2708	-797
НВ	2992	-1081
Tor	3007	-1096
BL	3083	-1172
Lans	3102	-1191
ВКС	3342	-1431
Arb	3361	-1450

Form	ACO1 - Well Completion
Operator	Mar-Lou Oil Co., LLC
Well Name	Jenisch 6
Doc ID	1272851

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	''	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	392	80/20	180	3% CC, 2% Gel
Production	7.875	5.5	14	3449	Common	195	10% Salt

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041	Home Office P	O. Box	32 Ru	ssell, KS 676	165	IVO	- 1008
Sec.	Twp. Range	Col	unity	State	2 K	On Location	Finish
Date 11-14-15 34	16 1)	Bart	on.	K5		a supervision	10:00 A
		Location	Bear	e DE	25	1/4 12.1	Winte
Lease Jenisch	Well No. #6	o	wner	. ''		The second	
Contractor Rayal		Ţ	Quality O	ilwell Cementing by requested to	j, Inc. rent ceme	ntina eaulomer	nt and furnish
Type Job Suction		Cé	menter an	d helper to assi	st owner or	contractor to d	lo work as listed.
Hole Size /2 4	т.р. 352	Ç	harge /	Mar La	a:1	· · · ·	
Csg. 8 5/4	Depth 392	St	reet	1	w X X	4 4	* * * * * * * * * * * * * * * * * * *
Tbg. Size	Depth	Ci	ty		Sta	te	
Tool	Depth	Th	e above wa	s done to satisfac	tion and sup	ervision of owne	ragent or contractor.
Cement Left in Csg. 20	Shoe Joint	C	ement Amo	ount Ordered	180 39	20 3%	1 ) 0/ 120
Meas Line	Displace 23 /2 /	31	1. 46	* **	** :		F
EQUIPM	IENT .	C	ommon /	45	# 21 <sup>18</sup>	<u> </u>	
	9.9	Po	z. Mix	25		·	
Bulktrk } No. Driver	dia -	G	el. 3				-
Bulktrk P U No. Driver Bree Bree Bree Bree Bree Bree Bree B	t 4	Ce	alcium 🧷	0.	0.5		
JOB SERVICES	& REMARKS	· . Hu	ılls				
Remarks:		Se	dt			ed t	<u> </u>
Rat Hole		Flo	owseal	X X X	#1 53 123w		<b></b>
Mouse Hole	¥** a a ***	Ko	l-Seal	<u> </u>	W		
Centralizers		Mu	d CLR 48		B#0		ļ
Baskets		CF	L-117 or C	D110 CAF 38	R1/a/1		
D/V or Port Collar		Sa	nd				5.1
State Armetic Committee	I II A HOUSE	Ha	indling/ y	1-2		<i>*</i>	,7m, - 1
		Mil	eage		100	Marine Commence	
James and Contraction of the Con				FLOAT EQU	PMENT		
		Gu	ide Shoe				
Compat		C	tralizer	>0 53 (178)	<u> </u>	¥ 2	-
		100	skets	- w w	<u>e d'a d</u>	- 0 0	
		763	la Inserts		# # A		
	ec :	to the stant	at Shoe				
		Lat	ch Down.	<u> </u>		<u> </u>	7140 2 4
	and was vod towns		AND ANNOUNCE OF	ar B.	William on	1 1	
	and the second s			<u> </u>			
	Annal Park	Pur	aptrk Char	9e, 14,8500	<b>(*</b>		
	(4) (4) (6) (6) (7)		eage 77		Vancelle		
	<u>*</u>		842 Q		. <u>.</u>	Tax	1 27
		<u> </u>	. N An			Discount	
Signature	na Bala a re <sup>ust</sup> na <sub>a</sub> lje	(P.).			* p = **	Total Charge	You to the

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1924

Cell 785-324-1041		1 2 3	1 1 1 1 1 1 1 1	200	On Leasting	Finish
Sec.	Twp. Range	0.	County	State	On Location	1) Finish
Date 11-20-15 34	14 12	De	wton.	K5	12 3 3 1 3 1	11/200m
	The sample of the	Locati	on Bear li	- 2520		
Lease Sanisch	Well No.		Owner	well Computing Inc		
Contractor Soya 1 #1	100 1 000	1.1	You are heret	well Cementing, Inc by requested to rent	cementing equipmen	it and furnish
Type Job Hoduction Str	19	#13	and the second second	helper to assist ow	ner or contractor to o	o work as listed.
Hole Size 778	T.D. 345.0	- Lac a	Charge To	Man Lov.	<u> </u>	
Csg. 5/2	Depth 3449	itti Se	Street	• as a T ≥ 20° a	ergan o graffe et Tale et e e	
Tbg. Size	Depth		City		State	
Tool	Depth		the recognition of the second		nd supervision of owne	agent or contractor.
Cement Left in Csg. 42.92	Shoe Joint 42.92		Cement Amou	unt Ordered 195	Lom 10/.5	<u>ا بح</u>
Meas Line	Displace 83/4	BC	the More .	50	Dogal mid Chi	ar
EQUIPA			Common			
Pumptrk / 8 Helper	*/9		Poz. Mix	3		
Bulktrk No. Driver \ \( \text{\frac{1}{2}} \)	۷. ۵	2 - 9 - 3N 2 - 2	Gel.			
Bulktrk 15 No. Driver	Z		Calcium	3 1 2 11 1	့ ေႏြးေတြ ရွ	R R
JOB SERVICES	& REMARKS	2, 1, 6	Hulls			
Remarks:	, si sa per la la	" . "a .	Salt :	a s <sup>na</sup> ce o s		
Rat Hole 305K			Flowseal		THE RESERVE OF THE PERSON OF T	
Mouse Hole 153K			Kol-Seal	27	19	
Centralizers	1072	- ° - \$-	Mud CLR 48			
Baskets		4.00	CFL-117 or CI	D110 CAF 38		Carrier St.
D/V or Port Collar		1.00	Sand	- Allin		
51/2 50+0 345	-4. Tusern S	411	Handling		No. 10 1 10 10 10 10 10 10 10 10 10 10 10 1	34
Est Contarion R	imp 500 and No	- 2000	Mileage	E 82		(4 T <sub>14</sub>
AT A A A A	i muschile			FLOAT EQUIPM	ENT	4
Cement 5/2 100	Annual Control of the		Guide Shoe	57	2	3 "
	Dlace Plag.		Centralizer 4	1 Turbo's	- · ·	
Dwa Landed 140	7 3		Baskets	3 4 3		191
Release Diessing			AFU Inserts			
	7	100	Float Shoe			.4
		7 Table 2	Latch Down	1		
		. 1 5	19.1 4	<i>a</i> 28		V - 1
7 - 3		- Allenda	( Park )	and the second		
			Pumptrk Charg	10.		
			Mileage			
			and and	10	Tax	
	We have the second	1 1 1			Discount	
Signature Novice Rua	1 20 -			5"	Total Charge	10
angination for a comment (1) and	are series					



Mar-Lou Oil Company LLC

Wilson, KS 67490-0218

34-16s-12w Barton, KS

PO Box 218

Jenisch #6

Job Ticket: 61960

**DST#: 1** 

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

#### GENERAL INFORMATION:

Formation:

Arbuckle

Deviated:

Interval:

Total Depth:

Whipstock:

No Time Tool Opened: 12:47:16

Time Test Ended: 19:28:31

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Ken Sw inney

58

Unit No:

1912.00 ft (KB)

Reference Bevations:

1905.00 ft (CF)

Hole Diameter:

3368.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

3341.00 ft (KB) To 3368.00 ft (KB) (TVD)

KB to GR/CF:

7.00 ft

Serial #: 6838

Press@RunDepth:

1013.84 psig @

Inside

3364.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 2015.11.19 11:02:01

End Date: End Time:

2015.11.19 19:28:31 Last Calib .:

2015.11.19

Time On Btm: Time Off Btm:

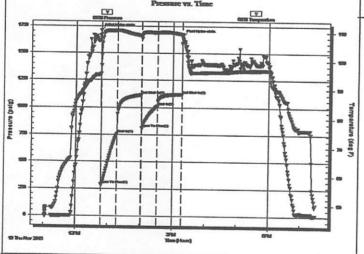
2015.11.19 @ 12:46:31 2015.11.19 @ 15:18:16

TEST COMMENT: IFP 30 Minutes Strong blow /Blow built to bottom of bucket in 35 seconds

ISI 45 Minutes No blow back

FFP 30 Minutes Strong blow /Blow built to bottom of bucket in 40 seconds

FSI 45 Minutes No blow back



		PI	RESSUF	RE SUMMARY					
Tim	е	Pressure	Temp	Annotation					
(Min	.)	(psig)	(deg F)						
	0	1709.72	95.36	Initial Hydro-static					
	1	289.06	98.22	Open To Flow (1)					
	30	760.13	110.33	Shut-In(1)					
	76	1112.30	108.66	End Shut-In(1)					
	76	812.48	108.27	Open To Flow (2)					
	106	1013.84	109.72						
	151	1120.34	109.12	End Shut-In(2)					
	152	1657.43	107.74	Final Hydro-static					
		- 1							
		1							

Gas Rates

#### Length (ft) Description Volume (bbl) SMCGO Mud 2% Gas 18% Oil 80% 2674.00 37.51 126.00 Emuls WOCM Water 10% Oil 40% Mud 5(1.77

Recovery

т			
ı	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 61960

Printed: 2015.11.20 @ 16:01:46



0.1.1 group or 0.10 up 2-161.1

EC 60x 213

Visco, PS 67,000-0018

named trends. Will A

4.1.1

336440 H (EB)

DST#: 1

Test Start: 2015.11.19 @ 11:02:00

GENERAL INFORMATION:

Arbuckie Formation:

decision of

Dovintra: โดษ โอม Deered, เมษา 16

Name Teer Coded: 12020134

devisid

3341.00 ft (KS) To 3308.00 ft (KS) (TVD)

Total Dopth:

3386 00 R (KB) (TVD)

7.08 inches Hore Checition: For

83

Refurence Bevations:

1912.00 ft (KS) 1905.00 f; (CF)

\$900.00 psig

7.09.1

EFF to CROSE

Seria: #: 6838 object .:015.84 psig -5

Pross(d)RenDeplet

Start Tidus:

Hale Diamoteur

Start Date:

pel garcer et toid

2015.11.49

10:00:01

2615.11.19 raeO orbi enff ued

18:80:61

Lost Calb.: Time On Blue Tare Off Blac

Cap winy.

2015.11.19 2015.11.19 (5-12/46:01 2015/11/19 @ 15/19/15

TEST COMMENT: IFP 30 Mandas Swong blow blow britten bottom of crucial a 35 seconds

ISLAS Minutes No blow block

FFP Constants. Strong May Row but to bottom of bucket in 40 succeeds.

FSI 45 Matutos, No reply book

i																
	PRESSURE SUMMARY					nords are manes.										
	Annotation	gneT (₹ gob)	Pressure (psig)	erc.;; (.n\$4)	Set -	; :		attangue C.T.	April 1949 and	- Comment	712	NEW COL			2	i tra
	Initial rtydro-state Open To Flow (1)	95.36 98.22	1709.72 269.06	0	47	:		revel.								lar.
	Shut-In(1) End Shut-In(1)	106,46	760.13	30 76 76	u -		1		et a make	-						- 6.4
	Open To Flow (:) Shot-le(2) End Shut-le(2)	109.72	812.43 1013.24 1120.34	106	20 W								1			1
1	Final Hydro-static		1657.43	132	5		<u>₹</u>		*****	-	!	, create		4		.: -
: !					A*-	at.	**************************************				+				i i	
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Que env	Освойдёст	oth should
tô.S.	800000 Med 2% Ges 18% 0 13%	<b>00</b> .4569
51:27	Finally WCOM Water 10% O. 40% Mud	95,321
		and the second second

34-16s-12w Barron, KS

Jenisch #6

Tostar:

::W::::U

Job Notet 61950

Test Type: Conventional Bottom Holb (Initial)

Ken Suraney

Ref. Not - 61960

Pinten: 2015.11.20 (5.10.01 cm

Gas Raics



Mar-Lou Oil Company LLC

34-16s-12w Barton, KS

PO Box 218

Wilson, KS 67490-0218

Jenisch #6 Job Ticket: 61960

**DST#: 1** 

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

## GENERAL INFORMATION:

Formation:

Arbuckle

Deviated:

No

Whipstock: Time Tool Opened: 12:47:16

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Ken Sw inney

Unit No:

Reference Bevations:

1912.00 ft (KB)

1905.00 ft (CF)

KB to GR/CF:

7.00 ft

Time Test Ended: 19:28:31 Interval:

3341.00 ft (KB) To 3368.00 ft (KB) (TVD)

3368.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 6663 Press@RunDepth:

Outside

1124.72 psig @ 2015.11.19

3365.00 ft (KB)

End Date:

2015.11.19

Capacity: Last Calib .: 8000.00 psig

Start Date: Start Time:

11:02:07

End Time:

19:27:52

Time On Btm:

2015.11.19

Time Off Btm:

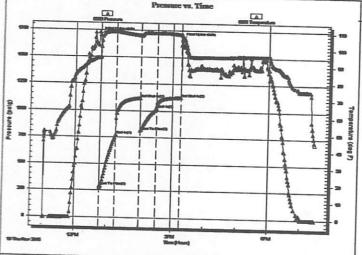
2015.11.19 @ 12:45:52 2015.11.19 @ 15:17:37

TEST COMMENT: IFP 30 Minutes Strong blow /Blow built to bottom of bucket in 35 seconds

ISI 45 Minutes No blow back

FFP 30 Minutes Strong blow/Blow built to bottom of bucket in 40 seconds

FSI 45 Minutes No blow back



## PRESSURE SUMMARY

	PRESSURE SUMMARY						
	Time (Min.)	Pressure (psig)	Temp	Annotation	_		
	0	1710.07	(deg F) 94.50	Initial Hydro-static			
	1	290.96	94.36	Open To Flow (1)			
	31	774.71	109.57	Shut-In(1)			
1	75	1116.37	107.78	End Shut-In(1)			
1	76	813.48	107.65	Open To Flow (2)			
	106	1019.69	109.14	Shut-In(2)			
1	150	1124.72	108.38	End Shut-In(2)			
I	152	1670.58	107.88	Final Hydro-static			
l							
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1		1					

### Recovery

Langth (ft)	Description	Volume (bbl)
2674.00	SMCGO Mud 2% Gas 18% Oil 80%	37.51
126.00	Emuls WOCM Water 10% Oil 40% Mud	5(1.77

### Gas Rates

Choke (inches) Pressure (psig)	Gas Rate (Mcf/d)
--------------------------------	------------------

Trilobite Testing, Inc.

Ref. No: 61960

Printed: 2015.11.20 @ 16:01:47

#### Panted: 2015.111.20 @ 16.01 47 Ref. Not. 61050 Emails WOOM Makes 10% Of 40% Mud 5: 1.77 S14030 Mark #18 Gas 1819 Oil 30% Choir (motor) (new or thinks) (03- Role (Mente Gas Rates Recovery 1870.58 | 107.88 Final hydro-plate 425 1124.72 | 108.38 Std Shut-h(2) 120 100.14 | Shut-h(2) 1040 98 100 167.85 Open To Flow (2), 840.48 3.9 107.78 End Shut-h(1) 1440.37 103.67 ( 25.0.0.0(1) 73,71 090.36 | 94.36 Open To Flow (1) 94.50 | Invaliriydro-static \$3,300.62 | (deg F) (1000) $(W^{(i)})$ Temp Annoccon PRESSURE CUMMARRY Property of the Things ESI 45 Minutes. No blow back EFP 30 Narutes. Strong blow Bion: built to bettern of buol at in 46 arcmut. ISL 46 Minutes No blow back TEST COMMENT). IFP 0.5 Minutes. Strong blaw/Blaw built to bottom of bucket in 05 sector do 2015/11/2019 (9:15):7:37 Tare Off Bress 2018/11/19 @ 12/12/52 Park On Once 19:27:52 Z42203 22 057**03** 2015,11,15 Lest Calle 2016.11,19 End Date: 9315790 2015.11.19 8000.00 paig ្រាមទេប្រ 3363.00 ti (KB) austus baid 🥸 ~는 : 글 국unthepith: 54441 41 6**663** 7.00 ft METER CHARLE 7.88 Prottershole Condition: Fair ha a blametern 10 0**5.00** It (0P) ្នារ ខ្លួនស្វារ 3039 CT (KB) (TVD) -1589'00 € (**KB**) Raference Bevalloud: 2341.69 ft (KB) To 3388.00 ft (KB) (TVD) E 49 1900 ा जिस्स चेप्यंस्ताः । १६ ३१७३ । ្តែការ ខ្លួនក្រោះទេតិ Telliopioned: 12WFINE Test Type: Conventional Boston Holo (Inttat) No. Whipstooks 41 (3/E) 1 100 Arbuckie 1.111 BELIERAL INFORMATION: Test Start: 2013.11 19 ∰ 11:02:00 ATTN Roper Figure DOLLET Job Toker 8198g WRedn, KS - 67480-4015 Jamesh #6 PO Box 218 24-168-12W Barton, NS Mar-Lou Oil Company, Luci DRILL STEM TEST REPORT

THE RESERVE OF THE PROPERTY OF



**TOOL DIAGRAM** 

Mar-Lou Oil Company LLC

34-16s-12w Barton, KS

PO Box 218

Jenisch #6

Wilson, KS 67490-0218

Job Ticket: 61960

DST#:1

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 3328.00 ft Diameter:

3.80 inches Volume:

Total Volume:

46.68 bbl

Tool Weight:

27.00

2000.00 lb

Drill Collar:

Length:

0.00 ft Diameter: 0.00 ft Diameter: 0.00 inches Volume: 0.00 inches Volume:

0.00 bbl 0.00 bbl

Weight set on Packer: 20000.00 lb Weight to Pull Loose: 51000.00 lb

46.68 bbl Tool Chased 0.00 ft

Drill Pipe Above KB:

Depth to Top Packer:

7.00 ft 3341.00 ft

String Weight: Initial 43000.00 lb Final 49000.00 lb

Depth to Bottom Packer: Interval between Packers:

ft 27.00 ft

47.00 ft

6.75 inches

Number of Packers: Tool Comments:

Tool Length:

Recorder

Bullnose

**Tool Description** Length (ft) Serial No. Position Depth (ft) Accum. Lengths Shut-In Tool 5.00 3326.00 Hydraulic tool 5.00 3331.00 Top Packer 5.00 3336.00 Packer 5.00 3341.00 20.00 Anchor 22.00 3363.00 Recorder

1.00 6838 Inside 3364.00 1.00 6663 Outside 3365.00 3.00 3368.00

Anchor Tool

Bottom Of Top Packer

**Total Tool Length:** 

47.00

Diameter:

Trilobite Testing, Inc.

Ref. No: 61960

Printed: 2015.11.20 @ 16:01:47



**FLUID SUMMARY** 

Mar-Lou Oil Company LLC

34-16s-12w Barton, KS

PO Box 218

Wilson, KS 67490-0218

Jenisch #6

Job Ticket: 61960

DST#:1

ATTN: Roger Fisher

Test Start: 2015.11.19 @ 11:02:00

#### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

Viscosity:

Water Loss:

Resistivity:

Salinity:

Filter Cake:

56.00 sec/qt 8.78 in<sup>3</sup>

9.00 lb/gal

6000.00 ppm 1.00 inches

ohm.m

Cushion Type:

**Cushion Length:** 

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

ft bbl psig Oil API: Water Salinity: deg API ppm

#### Recovery Information

### Recovery Table

Length ft	Description	Volume bbl
2674.00	SMCGO Mud 2% Gas 18% Oil 80%	37.509
126.00	Emuls WOCM Water 10% Oil 40% Mud 50%	1.767

Total Length:

2800.00 ft

Total Volume:

39.276 bbl

Num Fluid Samples: 0

Laboratory Name:

Recovery Comments:

Num Gas Bombs:

Serial #:

Laboratory Location: