

Kansas Corporation Commission Oil & Gas Conservation Division

1101562

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: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	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 #:	Quarter Sec TwpS. R
ENHR Permit #:	County: Permit #:
GSW Permit #:	. 5
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 Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and cle recovery, and flow rate	osed, flowing and shu	nd base of formations pe at-in pressures, whether est, along with final chart well site report.	shut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	nole temperature, fluid
Drill Stem Tests Take		☐ Yes ☐ No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survev	☐ Yes ☐ No	Nam	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop	ed Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
			B RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONA	L CEMENTING / SQI	JEEZE RECORD	1		
Purpose: Depth Type of Cement Top Bottom Protect Casing		# Sacks Used	ed Type and Percent Additives				
—— Plug Back TD —— Plug Off Zone							
Shots Per Foot	s Per Foot PERFORATION RECORD - Bridge Plug Specify Footage of Each Interval Per				cture, Shot, Cemen mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No	1	
Date of First, Resumed	d Production, SWD or EN	IHR. Producing Me		Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	ter B	bls.	Gas-Oil Ratio	Gravity
	ION OF GAS:		METHOD OF COMPLI			PRODUCTIO	ON INTERVAL:
Vented Sole	d Used on Lease	Open Hole	Perf. Dually (Submit		mmingled mit ACO-4)		

Form	ACO1 - Well Completion	
Operator	Dreiling Oil Inc	
Well Name	Kohl 1-15	
Doc ID	1101562	

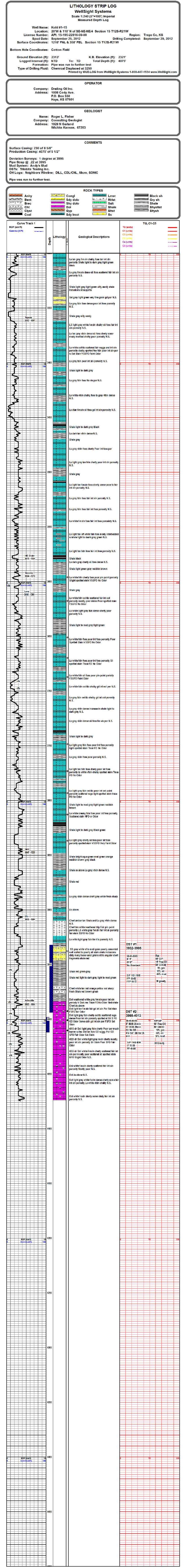
All Electric Logs Run

Dual Induction
Neutron/Density
Micro
Sonic

Form	ACO1 - Well Completion	
Operator	Preiling Oil Inc	
Well Name	Kohl 1-15	
Doc ID	1101562	

Tops

Name	Тор	Datum
Anhydrite	1736	+577
Topeka	3362	-1041
Heebner	3575	-1254
Toronto	3594	-1273
Lansing-Kansas City	3610	-1289
Base L-KC	3847	-1526
Mamaton	3905	-1594
Arbuckle	3985	-1664





Prepared For: Dreiling Oil, Inc.

PO Box 550 Hays, KS 67601

ATTN: Roger Fisher

Kohl #1-15

15-12-21 Trego,KS

Start Date: 2012.09.28 @ 10:26:49
End Date: 2012.09.28 @ 17:17:28
Job Ticket #: 49447 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.10.02 @ 10:10:10



Dreiling Oil, Inc.

15-12-21 Trego,KS

PO Box 550 Hays, KS 67601 Kohl #1-15

Job Ticket: 49447

DST#:1

ATTN: Roger Fisher

Test Start: 2012.09.28 @ 10:26:49

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 12:33:49 Time Test Ended: 17:17:28 Tester: Brian Fairbank

Unit No: 41

3932.00 ft (KB) To 3995.00 ft (KB) (TVD)

Reference Elevations: 2321.00 ft (KB)

2314.00 ft (CF)

Total Depth: 3995.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Co

KB to GR/CF: 7.00 ft

Hole Diameter: 7.88 inches Hole Condition: Good

Serial #: 6752

Press@RunDepth:

Interval:

Inside

72.44 psig @

3939.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

2012.09.28

Start Date: 2012.09.28 Start Time: 10:26:50 End Date: 2012.09.28 End Time: 17:17:29

Time On Btm:

2012.09.28 @ 12:33:09

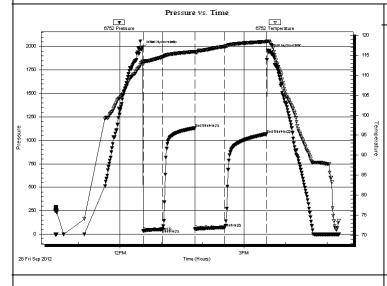
Time Off Btm: 2012.09.28 @ 15:34:28

TEST COMMENT: IFP - w eak to fair blow 1/4" - 5"

ISI - no blow back

FFP - w eak to good blow sur - 8"

FSI - no blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1987.61	113.53	Initial Hydro-static
1	33.21	112.80	Open To Flow (1)
29	51.55	114.57	Shut-In(1)
76	1130.76	115.92	End Shut-In(1)
76	54.94	115.70	Open To Flow (2)
119	72.44	117.18	Shut-In(2)
180	1068.32	118.41	End Shut-In(2)
182	1947.25	118.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	GOCM 5%G, 15%O, 80%M	0.99
15.00	FREE OIL 95%O, 5%M	0.21
0.00	45' GIP	0.00
-	 	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Dreiling Oil, Inc.

Kohl #1-15

15-12-21 Trego,KS

PO Box 550 Hays, KS 67601

Job Ticket: 49447

DST#: 1

ATTN: Roger Fisher

Test Start: 2012.09.28 @ 10:26:49

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 12:33:49 Time Test Ended: 17:17:28

Unit No:

Tester: Brian Fairbank

2321.00 ft (KB)

Interval: 3932.00 ft (KB) To 3995.00 ft (KB) (TVD) Total Depth: 3995.00 ft (KB) (TVD)

Reference Elevations:

2314.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 7.00 ft

Serial #: 6741 Outside

Press@RunDepth: 3939.00 ft (KB) 8000.00 psig psig @ Capacity:

Start Date: 2012.09.28 End Date: 2012.09.28 Last Calib.: 2012.09.28

Start Time: 10:26:45 End Time: Time On Btm: 17:17:24

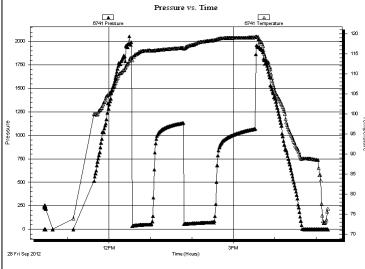
Time Off Btm:

TEST COMMENT: IFP - w eak to fair blow 1/4" - 5"

ISI - no blow back

FFP - w eak to good blow sur - 8"

FSI - no blow back



MARY

0	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
5	,	(1 - 3)	(**5)	
)				
5				
Temperature O				

Recovery

Description	Volume (bbl)
GOCM 5%G, 15%O, 80%M	0.99
FREE OIL 95%O, 5%M	0.21
45' GIP	0.00
	GOCM 5%G, 15%O, 80%M FREE OIL 95%O, 5%M

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Printed: 2012.10.02 @ 10:10:11 Trilobite Testing, Inc. Ref. No: 49447



TOOL DIAGRAM

Dreiling Oil, Inc.

15-12-21 Trego,KS

PO Box 550 Hays, KS 67601 Kohl #1-15

Job Ticket: 49447

DST#: 1

ATTN: Roger Fisher

Test Start: 2012.09.28 @ 10:26:49

Tool Information

Drill Pipe Above KB:

Drill Pipe: Length: 3899.00 ft Diameter: 3.80 inches Volume: 54.69 bbl Tool Weight: 2500.00 lb 0.00 inches Volume: 0.00 bbl Heavy Wt. Pipe: Length: 0.00 ft Diameter: Weight set on Packer: 25000.00 lb Drill Collar: Length: 30.00 ft Diameter: 2.25 inches Volume: 0.15 bbl Weight to Pull Loose: 72000.00 lb Total Volume: 54.84 bbl

Tool Chased 0.00 ft
String Weight: Initial 55000.00 lb
Final 55000.00 lb

Depth to Top Packer: 3932.00 ft Depth to Bottom Packer: ft

Interval between Packers: 63.00 ft
Tool Length: 83.00 ft

Number of Packers: 2 Diameter: 6.75 inches

17.00 ft

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3917.00		
Hydraulic tool	5.00			3922.00		
Packer	5.00			3927.00	20.00	Bottom Of Top Packer
Packer	5.00			3932.00		
Stubb	1.00			3933.00		
Perforations	5.00			3938.00		
Change Over Sub	1.00			3939.00		
Recorder	0.00	6752	Inside	3939.00		
Recorder	0.00	6741	Outside	3939.00		
Blank Spacing	32.00			3971.00		
Change Over Sub	1.00			3972.00		
Perforations	20.00			3992.00		
Bullnose	3.00			3995.00	63.00	Bottom Packers & Anchor

Total Tool Length: 83.00



FLUID SUMMARY

Dreiling Oil, Inc.

15-12-21 Trego, KS

PO Box 550

Kohl #1-15

Hays, KS 67601

Job Ticket: 49447

DST#: 1

ATTN: Roger Fisher

Test Start: 2012.09.28 @ 10:26:49

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:36 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 51.00 sec/qt Cushion Volume: bbl

8.79 in³ Gas Cushion Type:

ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

Recovery Information

Water Loss:

Resistivity:

Recovery Table

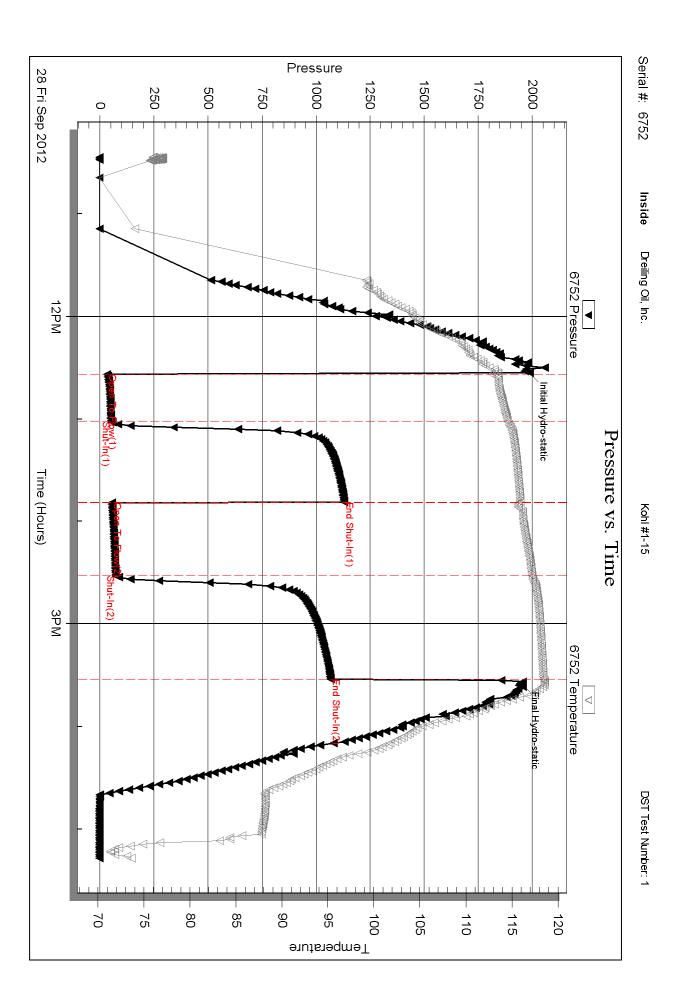
Length ft	Description	Volume bbl
90.00	GOCM 5%G, 15%O, 80%M	0.989
15.00	FREE OIL 95%O, 5%M	0.210
0.00	45' GIP	0.000

Total Length: 105.00 ft Total Volume: 1.199 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



Trilobite Testing, Inc

Ref. No: 49447

Printed: 2012.10.02 @ 10:10:14

Trilobite Testing, Inc

Ref. No: 49447

Printed: 2012.10.02 @ 10:10:15



Prepared For: Dreiling Oil, Inc.

PO Box 550 Hays, KS 67601

ATTN: Roger Fisher

Kohl #1-15

15-12-21 Trego,KS

Start Date: 2012.09.29 @ 00:35:56 End Date: 2012.09.29 @ 07:38:16 Job Ticket #: 49448 DST #: 2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Dreiling Oil, Inc.

15-12-21 Trego,KS

PO Box 550 Hays, KS 67601 Kohl #1-15

Job Ticket: 49448

DST#: 2

ATTN: Roger Fisher

Test Start: 2012.09.29 @ 00:35:56

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:41:16 Time Test Ended: 07:38:16

3998.00 ft (KB) To 4013.00 ft (KB) (TVD)

Total Depth: 4013.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
Tester: Brian Fairbank

Unit No: 41

Reference Elevations:

2321.00 ft (KB) 2314.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6752

Press@RunDepth:

Inside

68.46 psig @

sig @ 4000.00 ft (KB)

2012.09.29

Capacity:

8000.00 psig

Start Date: Start Time:

Interval:

2012.09.29 00:35:57

End Date: End Time:

07:38:16

Last Calib.: Time On Btm: 2012.09.29 2012.09.29 @ 02:40:36

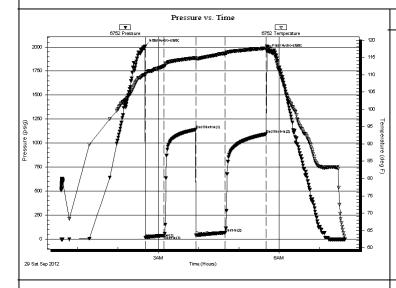
Time Off Btm:

2012.09.29 @ 05:43:56

TEST COMMENT: IFP - BOB 26 min

ISI - no blow back FFP - BOB 26 min

FSI - 1/4" blow back - died 21 min



Time	Pressure	lemp	Annotation
(Min.)	(psig)	(deg F)	
0	2009.01	109.86	Initial Hydro-static
1	14.99	110.01	Open To Flow (1)
29	37.82	112.52	Shut-In(1)
76	1140.05	114.84	End Shut-In(1)

PRESSURE SUMMARY

76 40.12 114.61 Open To Flow (2) 119 68.46 116.13 Shut-In(2) 180 1094.06 117.64 End Shut-In(2)

1954.38

184

117.64 End Shut-ln(2) 117.90 Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 10%G, 60%O, 30%M	0.57
90.00	FREE OIL 95%O, 5%M	1.26
0.00	120' GIP	0.00
* Recovery from mult	tiple tests	

Gas Rates

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



Dreiling Oil, Inc. 15-12-21 Trego,KS

PO Box 550 Kohl #1-15

Hays, KS 67601 Job Ticket: 49448 **DST#: 2**

ATTN: Roger Fisher Test Start: 2012.09.29 @ 00:35:56

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 02:41:16 Tester: Brian Fairbank
Time Test Ended: 07:38:16 Unit No: 41

Interval: 3998.00 ft (KB) To 4013.00 ft (KB) (TVD) Reference Elevations: 2321.00 ft (KB)

Total Depth: 4013.00 ft (KB) (TVD) 2314.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 7.00 ft

Serial #: 6741 Outside

 Press@RunDepth:
 psig
 @ 4000.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2012.09.29 End Date: 2012.09.29 Last Calib.: 2012.09.29

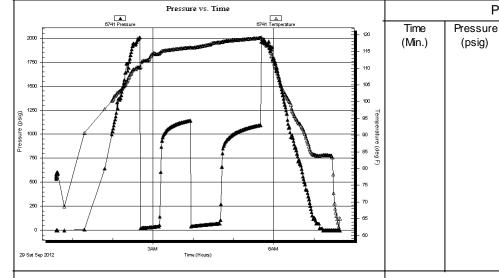
Start Time: 00:35:49 End Time: 07:38:28 Time On Btm: Time Off Btm:

TEST COMMENT: IFP - BOB 26 min

Length (ft)

ISI - no blow back FFP - BOB 26 min

FSI - 1/4" blow back - died 21 min



Recovery Volume (bbl) 0%G, 60%O, 30%M 0.57

60	.00	GMCO 10%G, 60%O, 30%M	0.57
90	.00	FREE OIL 95%O, 5%M	1.26
0.0	00	120' GIP	0.00
* Red	covery from mult	tiple tests	

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

PRESSURE SUMMARY

Temp

(deg F)

Annotation



TOOL DIAGRAM

Dreiling Oil, Inc.

15-12-21 Trego,KS

PO Box 550 Hays, KS 67601 Kohl #1-15

Job Ticket: 49448

DST#: 2

ATTN: Roger Fisher

Test Start: 2012.09.29 @ 00:35:56

Tool Information

Drill Pipe: Length: 3960.00 ft Diameter: 3.

Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.

Drill Collar: Length: 30.00 ft Diameter: 2.

 3.80 inches Volume:
 55.55 bbl

 0.00 inches Volume:
 0.00 bbl

 2.25 inches Volume:
 0.15 bbl

55.70 bbl

Total Volume:

Tool Weight: 2500.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 70000.00 lb

Drill Pipe Above KB: 12.00 ft
Depth to Top Packer: 3998.00 ft

 Tool Chased
 0.00 ft

 String Weight: Initial
 55000.00 lb

 Final
 56000.00 lb

Depth to Bottom Packer: ft
Interval between Packers: 15.00 ft
Tool Length: 35.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3983.00		
Hydraulic tool	5.00			3988.00		
Packer	5.00			3993.00	20.00	Bottom Of Top Packer
Packer	5.00			3998.00		
Stubb	1.00			3999.00		
Perforations	1.00			4000.00		
Recorder	0.00	6752	Inside	4000.00		
Recorder	0.00	6741	Outside	4000.00		
Perforations	10.00			4010.00		
Bullnose	3.00			4013.00	15.00	Bottom Packers & Anchor

Total Tool Length: 35.00



FLUID SUMMARY

ppm

Dreiling Oil, Inc.

PO Box 550 Kohl #1-15

Hays, KS 67601 Job Ticket: 49448 **DST#:2**

15-12-21 Trego, KS

Water Salinity:

ATTN: Roger Fisher Test Start: 2012.09.29 @ 00:35:56

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 36 deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft

Viscosity: 51.00 sec/qt Cushion Volume: bbl

Water Loss: 8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

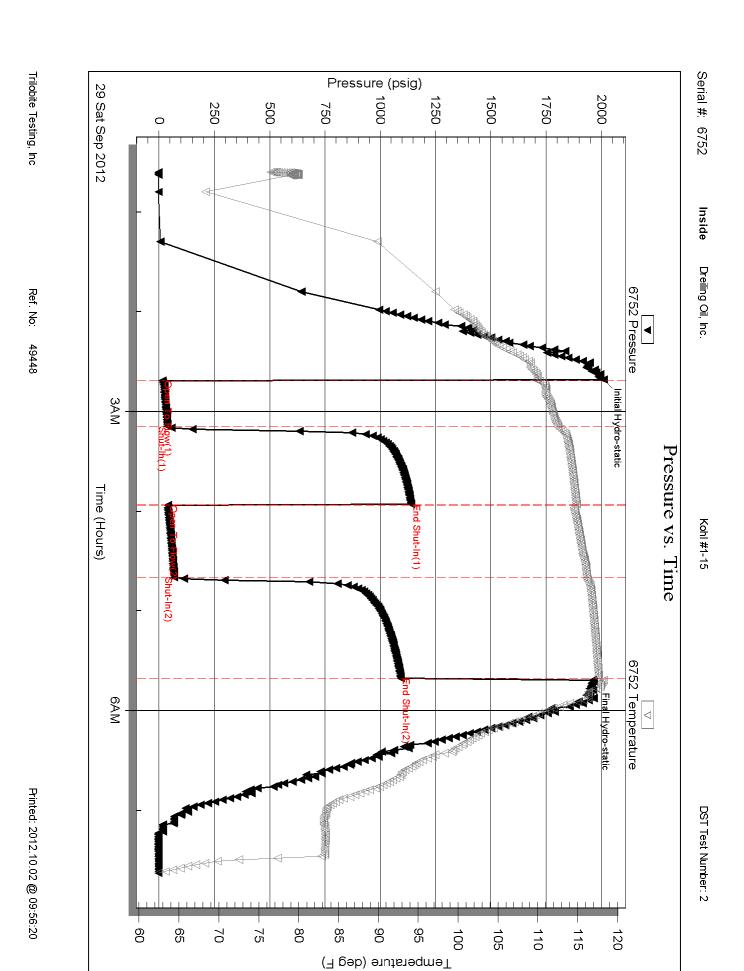
Length ft	Description	Volume bbl
60.00	GMCO 10%G, 60%O, 30%M	0.568
90.00	FREE OIL 95%O, 5%M	1.262
0.00	120' GIP	0.000

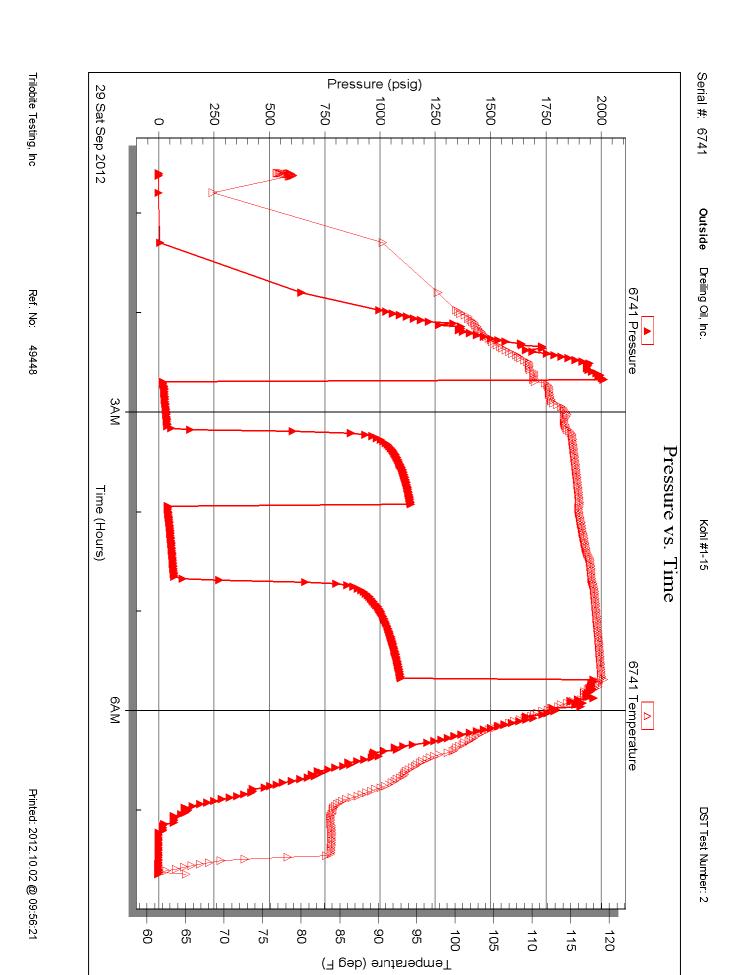
Total Length: 150.00 ft Total Volume: 1.830 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:







RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49447

4/10		
Well Name & No. K-61 1-15	Test No.	Date 9-28-12
Company Dreiling Oil	Elevation 2	32/ KB 23/4 GL
Address 1008 Cody Ave Po	Box 550 Hays, K	67601
Co. Rep/Geo. Roger Fisher	Rig Discar	_
0	Age. 21 Co. Trego	State K
Interval Tested 3932 - 3995	Zone Tested Andrick &	
Anchor Length 63	Drill Pipe Run 3899	Mud Wt. 7.2
Top Packer Depth 3927	Drill Collars Run 30	Vis 5/
Bottom Packer Depth 3932	Wt. Pipe Run	wl8.8
Total Depth 3995	Chlorides /500 ppm S	System LCM
Blow Description IFP- Weak to for	- blow 14"- 5"	
ISI- no Haw	Socle	
FFP- week to Go	of blow ser -8"	
FSI- no blan b	, ,	
Rec 45 Feet of 61P	%gas	%oil %water %mud
Rec 15 Feet of Free O:	%gas	5%oil %water 5%mud
Rec_ 90 Feet of GOCM	5 %gas /	5 %oil %water 80 %mud
Rec Feet of	%gas	%oil %water %mud
Rec Feet of	%gas	%oil %water %mud
Rec Total 105 BHT 1/9	Gravity 36 API RW @	°F Chloridesppm
(A) Initial Hydrostatic 1988	(1 Test) 1150	T-On Location 0827
(B) First Initial Flow	☐ Jars	T-Started io2C
(C) First Final Flow	☐ Safety Joint	T-Open1233
(D) Initial Shut-In	☐ Circ Sub	T-Pulled /533
(E) Second Initial Flow	☐ Hourly Standby	T-Out 17/7
(F) Second Final Flow	Mileage & RT 93	Comments
(G) Final Shut-In 1068	☐ Sampler	·
(H) Final Hydrostatic	☐ Straddle	
	☐ Shale Packer	☐ Ruined Shale Packer
Initial Open _ 30	□ Extra Packer	Ruined Packer
Initial Shut-In45	□ Extra Recorder	Extra Copies
Final Flow 45		Sub Total 0 Total 1243
Final Shut-In 60	☐ Day Standby	
E	Sub Total 1243	MP/DST Disc't
Approved By	Our Representative	Bran Fersal
-PP	Our representative	



RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49448

4/10 MINES					
Well Name & No. Kohl 1-15		Test No.	2	Date 9-28	5-12
Company Droiling Oil				KB 23/	
Address					
Co. Rep/Geo. Rage Fisher		Rig OS	covery	3	
Location: Sec				State/	15
Interval Tested 3998 - 4013	Zone Tested	Arbackle			
Anchor Length		3960		Mud Wt. 2	2
Top Packer Depth 3993	Drill Collars Run	30		Vis	
Bottom Packer Depth3 798				wL8	
Total Depth 4013	Chlorides /	SCC pp	m System	LCM	
Blow Description IFF BOB 20	6 mg	2			
	1 back				
FFP- BOB 2	6 mg				
FSI- 4' 6low	Sock-Old 2	21 mg			
Rec 120		%gas	%oil	%water	%mud
Rec 90 Feet of Free 01		%gas	%oil	%water	%mud
Rec_ 60 Feet of GMCO		10 %gas	60 %oil	%water	30 %mud
RecFeet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
Rec Total/50BHT	Gravity 36	API RW	.@°F	Chlorides	ppm
(A) Initial Hydrostatic 2009	Test 125	0	T-On L	ocation 23	-
(B) First Initial Flow	☐ Jars		T-Start	ed	
(C) First Final Flow 38	☐ Safety Joint		T-Oper	02	
(D) Initial Shut-In	_ Circ Sub		T-Pulle	d_ 059	10
(E) Second Initial Flow40	☐ Hourly Standby		T-Out	0/3	7
(F) Second Final Flow68	Mileage X2	186	1	ents mileage to	o local
(G) Final Shut-In	□ Sampler		tac	21)	
(H) Final Hydrostatic/954	D. Otradella			inad Shala Basker	
	☐ Shale Packer			ined Shale Packer	
Initial Open 30	☐ Extra Packer		— 110	ined Packer	
Initial Shut-In 45	□ Extra Recorder			tra Copies	
Final Flow 45	Day Standby			tal0 1436	
Final Shut-In 60				ST Disc't	
	Sub Total 1436			J1 DISC (-ditta
Approved By		ur Representative	Brion	Fairbad	6

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

6549

Sec. Twp. Range County State On Location **Finish** Well No. / Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Charge Hole Size Depth 1 Csg Street Tbg. Size Depth City State Depth The above was done to satisfaction and supervision of owner agent or contractor. Tool Cement Amount Ordered Cement Left in Csa. I **Shoe Joint** Displace Meas Line EQUIPMENT Common Cemente Poz. Mix **Pumptrk** Helper Driver. Gel. Bulktrk Driver Driver Bulktrk Calcium Driver (JOB SERVICES & REMARKS Hulls Sait Remarks: Rat Hole Flowseal Kol-Seal Mouse Hole Mud CLR 48 Centralizers Baskets CFL-117 or CD110 CAF 38 D/V or Port Collar Sand Handling Mileage **FLOAT EQUIPMENT Guide Shoe** Centralizer **Baskets AFU Inserts** Float Shoe Latch Down Pumptrk Charge Surface Mileage Tax Discount **Total Charge**

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Offwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on the provided at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a

reasonable sum as and attorney's fees.

- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, poliution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.
- 2: With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.
- 3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

- (A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing In this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

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

No. 6016

Sec.	Twp.	Range		County	State	On Location	Finish	
Date 9-30-12 15	<u> 12</u>	21	Te	ငြေပ	KANSAS		10:35	
	-		Locati	on RTCA -	NTO JED-	1E- 8N. W	LINTO	
Lease Kohl Well No. 1-15			Owner DRETITIO OT L. TING					
Contractor \\ \D \ \pm 3			To Quality Oliwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish					
Type Job thop STETING			cementer and helper to assist owner or contractor to do work as listed.					
Hole Size 8 78 T.D. 407				To DEFITING OT INC.				
Csg. 55-14#-NEW Depth 4080.40			Street P.O. Box 550					
Tbg. Size	Depth			City HAVS State KS, 67601				
Tool PORT COLLAR Depth 1,748'			The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.	Shoe J	oint 43.24	4	Cement Amo	unt Ordered 195	Com-108ALT		
Meas Line	Displac	: 98 238	_حلط					
EQUIPMENT				Common /	75	·		
Pumptrk 5 No. Cementer Helper Best			Poz. Mix					
Bulktrk Driver 1 CONTE			Gel.		•			
Bulktrk Pu No. Driver Driver				Calcium				
JOB SERVICES & REMARKS				Hulis				
Remarks:				Salt /8				
Rat Hole 30 SKS				Flowseal				
Mouse Hole 15 5k9				Kol-Seal				
Centralizers 2 4 4 5 5 5 6 55				Mud CLR 48 500 CALLONS				
Baskets 56 PIN # 2				CFL-117 or CD110 CAF 38				
D/V or Port Collar 54 COLLAR				Sand				
				Handling 2/3				
DEDDOED BALL & ESTABLISHED M					Mileage			
CTECHATION, CTECHATES ON -				FLOAT EQUIPMENT				
BOTTOM he . MADE CONDECTION				Guide Shoe				
DUMPED 500gALOFMUNCLE48-				Centralizer	5.5% Tu	ebos		
DILLOGED RATHOLE 303KS-DUIGGED				Baskets	1-5/2 BAS	KET		
MOUSE HOLE 15 SKS. MIXED & JUMPED				AFU Inserts				
150 SKS DOWN 56" - DESCONNECTED				Float Shoe	1-5/2"			
DEODDED DING 4 MARHED DAMD -				Latch Down	1-56" w	/ PULG		
MADE CONNECTION & DISHACED -				1.5	2" POET CO	LAR		
PLUG LANDED & H	CLO	<u> </u>						
-				Pumptrk Charge Droel Long String				
			Mileage 29					
THANK YOU'S						Tax		
Al non III Dinhan				Discount				
Signature UVI W.			Total Charge					

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- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107 6048 Home Office P.O. Box 32 Russell, KS 67665 Phone 785-483-2025 Cell 785-324-1041 On Location **Finish** Range State Sec. Twp. County Location Well No. /-/, < Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Type Job Charge To T.D. Hole Size Depth Street State Depth City The above was done to satisfaction and supervision of owner agent or contractor. Depth Cement Amount Ordered 2 Cement Left in Csg. Shoe Joint Displace Meas Line EQUIPMENT Common Cemente Poz. Mix Helper Pumptrk Driver Gel. Bulktrk Driver Driver Calcium Bulktrk Driver JOB SERVICES & REMARKS Hulls Sait Remarks: Flowseal Rat Hole Kol-Seal Mouse Hole Mud CLR 48 Centralizers CFL-117 or CD110 CAF 38 **Baskets** D/V or Port Collar Sand Handling Mileage FLOAT EQUIPMENT **Guide Shoe** Centralizer **Baskets AFU Inserts** Float Shoe Latch Down Bort Coller **Pumptrk Charge** Mileage

Tax

Discount Total Charge

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