

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1069520

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 #:
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 SIC Gas D&A ENHR SIC OG GSW Ten CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	OW Amount of Surface Pipe Set and Cemented at: Feet GW Multiple Stage Cementing Collar Used? Yes No mp. Abd. If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf. Conv. to ENHR Co	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total De	pth Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec. Two S. R. East West
ENHR Permit #: GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date Recompletion Date Recompletion Recompletion	ate or 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:
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	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	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:								
		(Beport oll stri			w Used	on etc		
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D	g .)	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				Acid, Fracture, Shot, Co (Amount and Kind	ement Squeeze Record I of Material Used)	Depth			
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 Used 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	Olson-Kistler 1
Doc ID	1069520

Tops

Name	Тор	Datum
ANHYDRITE	2833	+474
BASE ANHYDRITE	2862	+445
STOTLER	3836	-529
HEEBNER	4172	-865
LANSING	4211	-904
STARK	4431	-1124
MARMATON	4513	-1206
FORT SCOTT	4682	-1375
CHEROKEE	4712	-1405
MISSISSIPPI	4850	-1543



TICKET NUMBER

Walt

LOCATION Ogkley FOREMAN Kel

33645 ap

DINKE

6

PO Box 884, Chanute, KS 66720

620-431-9210 o	r 800-467-8676	3		CEMEN	Т			
DATE	CUSTOMER #	WELL	NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10-25-11	4979	Olson-t	listler	#/	b	10	34	Thomas
CUSTOMER	0 0.	1.00	1.	Monument	·			
	<u>-V 129</u>	VISPE	9	W+0K25	TRUCK #	DRIVER	TRUCK #	DRIVER
	00			No Kalt	344	Miles J		
CITY		ISTATE	ZIP CODE	15	566	Carty 12	<u> </u>	
onn		UNITE		300				
	61000		71~		.4060		I ALLA	*) (====
JOB TYPE	<u>57498</u>	HOLE SIZE	18		17902	CASING SIZE & I		n 6 285 =
CASING DEPTH	-138 125						CASING 12	75'
SLURRY WEIGH	$13^{-12^{-12^{-12^{-12^{-12^{-12^{-12^{-12$	SLURRT VUL		WATER gails	ĸ	RATE		
DISPLACEMENT	10-114	DISPLACEMENT	P3I Dian	nin Foi	Deve	200/11	NC. H	mentin
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ACCOUNT	QUANITY	or UNITS	DE	SCRIPTION of	FSERVICES or PF	RODUCT		TOTAL
SHOLD	Ĩ		PLIMP CHARG	ЪF			29509	295000
5406	20		MILEAGE				500	10000
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Paula 2727			c	1422.18			ESTIMATED	1242.84
							LOTIMATED	1 02/24/
OUT(1)	01.	2 1					TOTAL	13657-

FIELD TICKET & TREATMENT REPORT

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





TICKET NUM	IBER	3	3636	
LOCATION_	Oat	1e	¥	
FOREMAN_	Ke	lly	Gabe	l

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WEL	L NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10-13-1	7158	olsent	listler #	-1	28	q	34	Thomas
CUSTOMER	- chu a			Monument	STONY OF	ngen ny sanatana salahatan		
	Baymo	nooil		W +0425	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	ESS			NTORAH	4163	5050 6		
				15	439	DamonM		
CITY		STATE	ZIP CODE	200				
								-
JOB TYPE 크	ulface	HOLE SIZE	7.14	HOLE DEPTH	304	CASING SIZE & V	VEIGHT 13-3/	8 48#
CASING DEPTH	300	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH	IT 147	SLURRY VOL	1.30	WATER gal/sk	6.5	CEMENT LEFT in	CASING 201	<u> </u>
DISPLACEMEN'	143	DISPLACEME	NT PSI	MIX PSI RATE 5661/min				
REMARKS: SC	afery M	eeting	h Riage	OUPC	NLDE	rilling	Rigt	
Itookea	up to	circu	late,	Pumped	300 5K	5 Can 39	occa =	200 ge 1
Displa	aced w	1+2 -1	3DDI H	20, Shu-	in wa	rshed o	at pump	sand
lines.	rigged	00000	plettelo	cat or			10	
	00							

Cement did circulate

	I hank you										
	QUANITY or UNITS		TOTAL								
541015	1	PUMP CHARGE	102500	102500							
5406	80	MILEAGE	500	1000							
5407A	14.1 ton	Ton Milegge delivery	15700	44560							
11045	3005KS	class Acement	1680	50400							
1102	すという	calciumchloride	.84	710 64							
11183	564年	Bentonite	. 24	135 36							
				7456 00							
			disc	671095							
		245009	SALES TAX	386.71							
avin 3737	0 1 0		ESTIMATED TOTAL	70976							
AUTHORIZTION	() and I Bu	TITLE	DATE 10-13-	-1(

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

						will be defined as we are shown in the second se			
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GEOL	DGIST'S	S REPO	ORT	12.5.	Fre- 100k	Dolômite		REWAR	
COMPANY RAYMOND LEASE # 1 0 FIELD) OIL COMPANY, DISON - KISTLER WILDCAT	TNC. KE	ELEVATIONS .3307	15 - 193 - 208	41/2" Casiling		ייי אייי אייי אייי אייי איייי אייי איייי אייייעראייין אייייעראייין אייייעראייין אייייעראייין איייעראייין איייעראייי		
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OOMTACION L.D SPUD 10-12-11 RID 4960 MUD UP 3580	DRILLING, T COMP 10-25 (TO 495 TYPE MUD CHE	NC. - 11 PR 57 E MICAL	CASING RFACE 13 3/8" @ 300' OBUCTION 11/2" @ * LECTRICAL SURVEYS WAL IND., DENSN. MILLOP				david - va demokratikana - va	SAMPLE DES	
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LANSING STARK MARMATON FORT SCOT	4Z11 - 909 4431 - 1124 4513 - 1206 4682 - 1375	4216 - 909 4441 - 1(34 4528 · 1221 4686 - 1379		47KS 47KS 41 41 41 41400 41400 60 2008	0) 3560' 0) 4020' 0) 4145' 0) 4165' 0) 41725' 0) 4172' 0) 4172'			DEPTH	
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General Information Report

	General Information		
Company Name Contact Well Name	RAYMOND OIL COMPANY, INC. TED MCHENRY OLSON-KISTLER #1	Representative Well Operator Report Date	ROGER D. FRIEDLY RAYMOND OIL COMPANY, INC. 2011/10/19 DOCED D. EDIEDLY
Surface Location	SEC 6-10S-34W THOMAS COUNTY, KS	Ртератей Бу	RUGER D. FRIEDLT
Field Well Type Test Type Formation	WILDCAT Vertical CONVENTIONAL DRILL-STEM TEST DST #1 LKC 140' 4,352' - 4,385'	Qualified By	KIM SHOEMAKER
Start Test Date Final Test Date	2011/10/19 2011/10/19	Start Test Time Final Test Time	12:04:00 20:19:00

Test Recovery:

RECOVERED: 87' MW 54% WTR, 46% MUD

TOOL SAMPLE: 60% WTR, 40% MUD

CHLORIDES: 34,000 Ppm PH: 7.0 RW: .20 @ 60 DEG.

OLSON-KISTLER #1 Formation: DST #1 LKC 140' 4,352' - 4,385'

RAYMOND OIL COMPANY, INC. DST #1 LKC 140' 4,352' - 4,385 Start Test Date: 2011/10/19 Final Test Date: 2011/10/19





DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET

TIME ON: 12:04

TIME OFF: 20:19

	FIL	E: olsonkis	stler1dst1						
Company RAYMOND OIL COM	IPANY, INC.		Lease & Well No. C	LSON-KISTLER	#1				
Contractor L.D. DRILLING, INC.			Charge to RAYMO	ND OIL COMPAN	NY, ING	С.		_	
Elevation 3,307 KB Forma	ation	LKC 140) Effective Pay		Ft	Ticket	No		
Date 10.19.11 Sec. 6	Twp	10 S Ra	inge	34 W County	T⊦	IOMAS	State	KANS	AS
Test Approved By KIM SHOEMAKER			Diamond Representat	tive	ROGE	R D. F	RIEDLY		
Formation Test No. 1 I	nterval Tested from	4,3	52 ft. to	4,385 ft. Tot	al Der	oth		4,385	ft.
Packer Depth 4,347 ft.	Size 6 3/4	in.	Packer depth		ft.	Size	6 3/4	in.	
Packer Depth 4,352 ft.	Size 6 3/4	in.	Packer depth		ft.	Size	6 3/4	in.	
Depth of Selective Zone Set									
Top Recorder Depth (Inside)	4,	338 _{ft.}	Recorder Number	847	1 Cap	i.	10,000) P.S.I.	
Bottom Recorder Depth (Outside)	4,	382 _{ft.}	Recorder Number_	385	1_Ca	p	5,70	D_P.S.I.	i
Below Straddle Recorder Depth		ft.	Recorder Number_		_Cap	l		_ P.S.I.	
Mud Type CHEMICAL Viscosi	ty55		Drill Collar Length_	(<u>)</u> ft.	I.D	2 1/-	4	in
Weight 9.1 Water Los	s <u> </u>	CC.	Weight Pipe Length		O_ft.	I.D	2 7/	3	_ ir
Chlorides	6,500	P.P.M.	Drill Pipe Length	4,32	4_ _{ft.}	I.D	3 1/2	2	_ in
Jars: MakeSTERLINGSerial N	umberSAFTEY	JOINT	Test Tool Length	20	8_ft.	Tool Siz	e3_1/2	2-IF	_ in
Did Well Flow?NORev	versed OutN	10	Anchor Length	3	3_ _{ft.}	Size	4 1/2	2-FH	_ ir
Main Hole Size 7 7/8 Too	ol Joint Size 4 1/2	XH_in.	Surface Choke Size	. 1	_in.	Bottom	Choke Siz	.e_5/8	_in
Blow: 1st Open: WEAK SURFA	CE BLOW INC	REASI	NG TO 4"				(W1	/4"BB	3)
2nd Open: WEAK SURFAC	E BLOW INCRE	EASING	TO 4"				(NO	BB)	
Recovered 87 ft. of MW 54% W	TR, 46% MUD								
Recoveredft. of									
Recoveredft. of									
Recoveredft. of		CHLORI	DES: 34, 000 Ppp						
Recoveredft. of		PH: 7.0			Price	e Job			
Recoveredft. of		RW: .20) @ 60 deg		Othe	r Charge	es		
Remarks:					Insu	rance			
TOOL SAMPLE: 60% WTR, 40% MU	D - FEW OIL SPECI	<s< td=""><td></td><td></td><td>Tota</td><td>1</td><td></td><td></td><td></td></s<>			Tota	1			
Time Set Packer(s) 2:32 P.M.	A.M. _P.M. Time Sta	rted Off Bo	ttom6:17 P.M	A.M. P.M. Ma	ximum	Tempe	rature	119	
Initial Hydrostatic Pressure			(A)	2,115 P.S.I.					
Initial Flow Period	Minutes	30	(B)	22 P.S.I. to	o (C)_		39 _F	P.S.I.	
Initial Closed In Period	Minutes	60	(D)	1,267 P.S.I.					
Final Flow Period	Minutes	45	(E)	40 P.S.I. to	o (F)		63 _P	.S.I.	
Final Closed In Period	Minutes	90	(G)	1,254 P.S.I.					
Final Hydrostatic Pressure			(H)	2,112 _{P.S.I.}					

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

General Information Report

	General Information		
Company Name Contact Well Name Unique Well ID	RAYMOND OIL COMPANY, INC. TED MCHENRY OLSON-KISTLER #1 DST #2 I KC 160' 4 388' - 4 414'	Representative Well Operator Report Date Prenared By	ROGER D. FRIEDLY RAYMON OIL COMPANY, INC. 2011/10/20 ROGER D. FRIEDLY
Surface Location	SEC 6-10S-34W THOMAS COUNTY, KS WILDCAT	Qualified By	KIM SHOEMAKER
Well Type Test Type	Vertical CONVENTIONAL DRILL-STEM TEST		
Formation Well Fluid Type	DST #2 LKC 160' 4,388' - 4,414' 01 Oil		
Start Test Date Final Test Date	2011/10/20 2011/10/20	Start Test Time Final Test Time	03:33:00 11:15:00

Test Recovery:

RECOVERED: 10' DM 100% MUD

TOOL SAMPLE: 100% DM

OLSON-KISTLER #1 Formation: DST #2 LKC 160' 4,388' - 4,414'

RAYMOND OIL COMPANY, INC. DST #2 LKC 160' 4,388' - 4,414' Start Test Date: 2011/10/20 Final Test Date: 2011/10/20





DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET

TIME ON: 03:33

TIME OFF: 11:15

	FI	_E: <u>olsonki</u>	stler1dst2						
Company RAYMOND OIL COM	MPANY, INC.		Lease & Well No.	OLSON-KISTLER	#1				
Contractor L.D. DRILLING, INC.			Charge to RAYMO	OND OIL COMPA	NY, INC	D.		-	
Elevation 3,307 KB Form	nation	LKC 160	D'Effective Pay		Ft.	Ticket	No		
Date 10.20.11 Sec. 6	Twp	10 S Ra	ange	34 W County_	ТН	OMAS	State	KANSA	S
Test Approved By KIM SHOEMAKER			_ Diamond Represent	ative	ROGE	R D. FI	RIEDLY		_
Formation Test No. 2	Interval Tested from	4,3	88 ft. to	4,414 ft. To	tal Dep	th		4,414 ft	
Packer Depth 4,383 f	t. Size 6 3/4	in.	Packer depth		ft.	Size	6 3/4	in.	
Packer Depth 4,388 ft	t. Size 6 3/4	in.	Packer depth		ft.	Size	6 3/4	in.	
Depth of Selective Zone Set									
Top Recorder Depth (Inside)	4	,374 _{ft.}	Recorder Number	847	1 Cap		10,00	0 P.S.I.	
Bottom Recorder Depth (Outside)	4	,411 _{ft.}	Recorder Number	385	1 Cap	D	5,70	⁰ P.S.I.	
Below Straddle Recorder Depth		ft.	Recorder Number		_Cap			_ P.S.I.	
Mud Type CHEMICAL Viscos	sity55		Drill Collar Length		<u>0</u> ft.	I.D	2 1/	4i	in
Weight 9.1 Water Los	ss8.0	CC.	Weight Pipe Lengt	th	0_ _{ft.}	I.D	2 7/	8	ir
Chlorides	6,500	P.P.M.	Drill Pipe Length _	4,36	0 _{ft.}	I.D	3 1/	2	in
Jars: Make STERLING Serial N	lumberSAFTE`	Y JOINT	Test Tool Length_	2	8_ft.	Tool Siz	e3_1/	2-IF	in
Did Well Flow? NO Re	eversed Out	NO	Anchor Length	2	6_ _{ft.}	Size	4 1/	2-FH	ir
Main Hole Size 7 7/8 To	ol Joint Size 4 1/	2 XH_in.	Surface Choke Siz	re1	_in.	Bottom	Choke Siz	re_ 5/8	ir
Blow: 1st Open: WEAK 1/8" BLC	OW INCREAS	ING TO	1 1/2"			(N	IOBB)		
2nd Open: WEAK SURFAC	E BLOW INCR	EASING	TO 3/4"			(N	OBB)		
Recovered 10 ft. of DM 100% I	MUD								
Recoveredft. of									
Recoveredft. of									
Recoveredft. of									
Recoveredft. of					Price	Job			
Recoveredft. of					Othe	r Charge	es		
Remarks:					Insur	ance			
TOOL SAMPLE: 100% DM	A M			A M	Total				_
Time Set Packer(s) 5:47 A.M.	P.M. Time St	arted Off Bo	ttom9:32 A.N	<u>Л. </u> Р.М. Ма	ximum	Tempe	rature	116	_
Initial Hydrostatic Pressure			(A)	2,138 P.S.I.					
Initial Flow Period	Minutes	30	(B)	21 P.S.I. t	o (C)_		22	P.S.I.	
Initial Closed In Period	Minutes	60	(D)	1,212 P.S.I.					
Final Flow Period	Minutes	45	(E)	23 P.S.I. to	o (F)		23 _P	.S.I.	
Final Closed In Period	Minutes	90	(G)	1,189 P.S.I.					
Final Hydrostatic Pressure			(H)	2,133 _{P.S.I.}					

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

General Information Report

	General Information		
Company Name Contact Well Name Unique Well ID Surface Location	RAYMOND OIL COMPANY, INC. TED MCHENRY OLSON-KISTLER #1 DST #3 LKC 180' - 200' 4,410' - 4,465' SEC 6 12S 24W THOMAS COUNTY, KS	Representative Well Operator Report Date Prepared By	ROGER D. FRIEDLY RAYMOND OIL COMPANY, INC. 2011/10/21 ROGER D. FRIEDLY
Field Well Type Test Type Formation Well Fluid Type	WILDCAT Vertical CONVENTIONAL DRILL-STEM TEST DST #3 LKC 180' - 200' 4,410' - 4,465' 01 Oil	Qualified By	KIM SHOEMAKER
Start Test Date Final Test Date	2011/10/20 2011/10/21	Start Test Time Final Test Time	21:30:00 05:14:00

Test Recovery:

RECOVERED: 124' WM 41% WTR, 59% MUD - FEW OIL SPECKS 124' TOTAL FLUID

TOOL SAMPLE: 2% OIL, 38% WTR, 60% MUD

CHLORIDES: 19,000 Ppm PH: 7.0 RW: .30 @ 58 deg RAYMOND OIL COMPANY, INC. DST #3 LKC 180' - 200' 4,410' - 4,465' Start Test Date: 2011/10/20 Final Test Date: 2011/10/21



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DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET FILE: olsonkistler1dst3

TIME ON: 21:30

TIME OFF: 05:14

V V					
Company RAYMOND OIL COMPANY, INC.	Lease & Well No. OLSON-KISTLER #1				
Contractor L.D. DRILLING, INC. Charge to RAYMOND OIL COMPANY, INC.					
Elevation 3,307 KB Formation LKC 180' - 20	00'Effective PayFt. Ticket No				
Date 10.20.11 Sec. 6 Twp. 10 S F	ange34 W CountyTHOMASStateKANSAS				
Test Approved By KIM SHOEMAKER	Diamond Representative ROGER D. FRIEDLY				
Formation Test No. 3 Interval Tested from 4,	410 ft. to 4,465 ft. Total Depth 4,465 ft.				
Packer Depth 4.405 ft. Size6 3/4 in.	Packer depthft. Size6 3/4in.				
Packer Depth 4,410 ft. Size6 3/4 in.	Packer depthft. Size6 3/4 in.				
Depth of Selective Zone Set					
Top Recorder Depth (Inside) 4,39655 ft.	Recorder Number8471 Cap10,000 P.S.I.				
Bottom Recorder Depth (Outside) 4,462 ft.	Recorder Number				
Below Straddle Recorder Depthft.	Recorder Number Cap P.S.I.				
Mud Type CHEMICAL Viscosity 47	Drill Collar Length0ft. I.D2 1/4in.				
Weight 9.2 Water Loss 10.4 co	. Weight Pipe Length0ft. I.D2 7/8 ir				
Chlorides 7,000 P.P.M.	Drill Pipe Length 4,382 ft. I.D 3 1/2 in				
Jars: Make STERLING Serial Number SAFTEY JOINT	Test Tool Length 28 ft. Tool Size3 1/2-IF in				
Did Well Flow?NOReversed OutNO	Anchor Length26 ft. Size4 1/2-FH ir				
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	32 DP IN ANCHOR Surface Choke Size1 in. Bottom Choke Size_5/8 in				
Blow: 1st Open: WEAK 1/8" BLOW INCREASING TO	5 1/2" (NOBB)				
^{2nd Open:} WEAK 1/8" BLOW INCREASING TO 5	1/4" (NOBB)				
Recovered 124 ft. of WM 41% WTR, 59% MUD - FEW OIL SF	ECKS				
Recoveredft. of					
Recoveredft. of					
Recoveredft. of					
Recoveredft. of	Price Job				
Recoveredft. of	Other Charges				
Remarks:	Insurance				
TOOL SAMPLE: 2% OIL, 38% WTR, 60% MUD	Total				
Time Set Packer(s) 11:40 P.M. P.M. Time Started Off B	ottom3:25 A.MP.MMaximum Temperature119				
Initial Hydrostatic Pressure	(A) 2,150 P.S.I.				
Initial Flow Period	(B) 22 P.S.I. to (C) 48 P.S.I.				
Initial Closed In Period	(D)1,318 P.S.I.				
Final Flow Period	(E) 52 P.S.I. to (F) 80 P.S.I.				
Final Closed In Period	(G) 1,289 P.S.I.				

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

General Information Report

	General Information		
Company Name	RAYMOND OIL COMPANY, INC.	Representative	ROGER D. FRIEDLY
Contact	TED MCHENRY	Well Operator	RAYMOND OIL COMPANY, INC.
Well Name	OLSON-KISTLER #1	Report Date	2011/10/22
Unique Well ID	DST #4 MYRICK-CHEROKEE 4,653' - 4,740'	Prepared By	ROGER D. FRIEDLY
Surface Location Field Well Type Test Type Formation Well Fluid Type	SEC 6-10S-34W THOMAS COUNTY, KS WILDCAT Vertical CONVENTIONAL DRILL-STEM TEST DST #4 MYRICK-CHEROKEE 4,653' - 4,740' 01 Oil	Qualified By	KIM SHOEMAKER
Start Test Date	2011/10/22	Start Test Time	12:45:00
Final Test Date	2011/10/22	Final Test Time	21:02:00

Test Recovery:

RECOVERD: 8' DM 100% MUD

TOOL SAMPLE: 100% DM

RAYMOND OIL COMPANY, INC. DST #4 MYRICK-CHEROKEE 4,653' - 4,740' Start Test Date: 2011/10/22 Final Test Date: 2011/10/22

OLSON-KISTLER #1 Formation: DST #4 MYRICK-CHEROKEE 4,653' - 4,740'



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	DIAMONI P.O. E HOISINGTON, (800) 5 DRILL-STEM FILE:	D TESTING Box 157 KANSAS 67544 542-7313 TEST TICKET	TIM	E ON:		
Company		Lease & Well No.				
Contractor		Charge to				
Elevation Formation		Effective Pay		Ft. Ti	cket No.	
DateSecTwp	S Ra	ange	W County		State KANS	SAS
Test Approved By		Diamond Representative	e	o,		
Formation Test No. Interval Tested f	from	ft. to	ft. To	tal Depth		ft.
Packer Depth ft. Size 6 3/	/4 in.	Packer depth		ft. Siz	e 63/4 in.	_
Packer Depth ft. Size 6 3/	/4 in.	Packer depth		ft. Siz	e 6 3/4 in.	
Depth of Selective Zone Set						
Top Recorder Depth (Inside)	ft.	Recorder Number		Cap.	P.S.I	
Bottom Recorder Depth (Outside)	ft.	Recorder Number		Cap.	P.S.	Ι.
Below Straddle Recorder Depth	ft.	Recorder Number		Cap.	P.S.	I.
Mud Type Viscosity		Drill Collar Length		ft. I.D.	2 1/4	in.
Weight Water Loss	CC.	Weight Pipe Length_		ft. I.D.	2 7/8	in
Chlorides	P.P.M.	Drill Pipe Length		ft. I.D.	3 1/2	in
Jars: Make STERLING Serial Number		Test Tool Length		ft. Too	I Size 3 1/2-IF	in
Did Well Flow?Reversed Out		Anchor Length		ft. Siz	e 4 1/2-FH	in
Main Hole Size 7 7/8 Tool Joint Size	4 1/2in.	Surface Choke Size_	1	in. Bot	tom Choke Size_5/8	in
Blow: 1st Open:						
2nd Open:						
Recovered ft. of						
Recoveredft. of						
Recoveredft. of						
Recoveredft. of						
Recoveredft. of				Price Job	>	
Recoveredft. of				Other Ch	arges	
Remarks:				Insuranc	e	
A . M			0 M	Total		
Time Set Packer(s) P.M. Tim	ne Started Off Bo	ottom	P.M. Ma	aximum Ter	nperature	
Initial Hydrostatic Pressure		(A)	P.S.I.			
Initial Flow Period Minutes_		(B)	P.S.I.	to (C)	P.S.I.	
Initial Closed In Period Minutes_		(D)	P.S.I.			
Final Flow Period Minutes_		(E)	P.S.I. t	o (F)	P.S.I.	
Final Closed In PeriodMinutes_		(G)	P.S.I.			
Final Hydrostatic Pressure		(H)	P.S.I.			

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General Information Report

	General Information		
Company Name	RAYMOND OIL COMPANY, INC.	Representative	ROGER D. FRIEDLY
Contact	TED MCHENRY	Well Operator	RAYMOND OIL COMPANY, INC.
Well Name	OLSON-KISTLER #1	Report Date	2011/10/23
Unique Well ID	DST #5 JOHNSON 4,738' - 4,772'	Prepared By	ROGEER D. FRIEDLY
Surface Location	SEC 6-10S-34W THOMAS COUNTY, KS		
Field	WILDCAT	Qualified By	KIM SHOEMAKER
Well Type	Vertical		
Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #5 JOHNSON 4,738' - 4,772'		
Well Fluid Type	01 Oil		
Start Test Date	2011/10/23	Start Test Time	08:45:00
Final Test Date	2011/10/23	Final Test Time	16:56:00

Test Recovery:

RECOVERED: 42' SLTW&OCM 10% OIL, 7% WTR, 83%MUD 32' G&WCOM 6% GAS, 23% OIL, 15% WTR, 56% MUD 126' O&GCWM 12% GAS, 10% OIL, 31% WTR, 47% MUD 200' TOTAL FLUID

TOOL SAMPLE: 6% GAS, 10% OIL, 34% WTR, 50% MUD

CHLORIDES: 20,000 Ppm PH: 7.0 RW: .28 @ 70 deg.

OLSON-KISTLER #1 Formation: DST #5 JOHNSON 4,738' - 4,772'

RAYMOND OIL COMPANY, INC. DST #5 JOHNSON 4,738' - 4,772' Start Test Date: 2011/10/23 Final Test Date: 2011/10/23





DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET FILE: olsopkistlar1dst5

TIME ON: 08:45

TIME OFF: 16:56

	FILE: OISOIIKI				
Company_RAYMOND OIL COMPANY, INC. Lease & Well No. OLSON-KISTLER #1					
Contractor L.D. DRILLING, INC. Charge to RAYMOND OIL COMPANY, INC.					
Elevation 3,307 KB Formation	JOHNSO	N Effective Pay	Ft. Ticket No		
Date 10.23.11 Sec. 6 Twp.	10 S Ra	ange34 W County_	THOMAS State KANSAS		
Test Approved By_KIM SHOEMAKER		Diamond Representative	ROGER D. FRIEDLY		
Formation Test No. 5 Interval Te	ested from4,7	38 ft. to 4,772 ft. To	otal Depth 4,772 ft.		
Packer Depth4,733 ft. Size	6 3/4 in.	Packer depth	ft. Size 6 3/4 in.		
Packer Depth4,738 ft. Size	6 3/4 in.	Packer depth	ft. Size6 3/4in.		
Depth of Selective Zone Set					
Top Recorder Depth (Inside)	4,719 _{ft.}	Recorder Number84	71 Сар. 10,000 Р.S.I.		
Bottom Recorder Depth (Outside)	4,769 ft.	Recorder Number38	51 Cap. 5,700 P.S.I.		
Below Straddle Recorder Depth	ft.	Recorder Number	Cap P.S.I.		
Mud TypeCHEMICAL_Viscosity	53	Drill Collar Length	0 ft. I.D. <u>2 1/4</u> in		
Weight 9.3 Water Loss	10.4 cc.	Weight Pipe Length	0 ft. I.D. 2 7/8 ir		
Chlorides	8.400 P.P.M.	Drill Pipe Length 4,70	05 ft. I.D3 1/2 in		
Jars: MakeSTERLINGSerial Number	#4	Test Tool Length	33 ft. Tool Size <u>3 1/2-IF</u> in		
Did Well Flow? NO Reversed Ou	ItNO	Anchor Length	³⁴ ft. Size <u>4 1/2-FH</u> ir		
Main Hole Size 7 7/8 Tool Joint Siz		Surface Choke Size1	in. Bottom Choke Size5/8ir		
Blow: 1st Open: WEAK 1/4" BLOW INC	CREASING TO	7"	(NOBB)		
^{2nd Open:} WEAK 1/8" BLOW INCF	REASING TO 6 1	/2"	(NOBB)		
Recovered 42 ft. of SLTW&OCM 10% O	L, 7% WTR, 83% MU	D			
Recovered 32 ft. of G&WCOM 6% GAS,	23% OIL, 15% WTR,	56% MUD			
Recovered 126 ft. of 0%GCWM 12% G	AS, 10% OIL, 31%	WTR, 47% MUD			
Recovered 200 ft. of TOTAL FLUID					
Recoveredft. of	CHLORIDES	20,000 Ppm	Price Job		
Recoveredft. of	PH 7.0		Other Charges		
Remarks:	RW .28 @ 7	70 deg.	Insurance		
TOOL SAMPLE: 6% GAS, 10% OIL, 34% WT	R, 50% MUD	Δ Μ.	Total		
Time Set Packer(s) 10:58 A.M. P.M.	Time Started Off Bo	ttom2:43 A.MP.MM	aximum Temperature125		
Initial Hydrostatic Pressure		(A) 2,337 P.S.I.			
Initial Flow PeriodMin	utes30	(B)42_P.S.I.	to (C) 75 P.S.I.		
Initial Closed In Period Mir	nutes60	(D)1,135 P.S.I.			
Final Flow Period Mir	utes45	(E)81 P.S.I.	to (F)P.S.I.		
Final Closed In PeriodMin	utes 90	(G)1,114 P.S.I.			
Final Hydrostatic Pressure		(H) 2,336 P.S.I.			

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