Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1206123

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:	
Address 2:	Feet from Dorth / 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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of huid disposal if hadred offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached 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 III Approved by: Date:

	Page Two	1206123
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tone of formations ponotrated	etail all cores Beport all final o	copies of drill stems tests giving interval tested, time tool

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		on. 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
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

es	No
es	No
es	No

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge Pl Each Interval P)e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner F	Run:	No	
Date of First, Resumed	Product	ion, SWD or ENH	٦.	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO		Used on Lease		Open Hole	Perf.	OF COMPLE	Comp.	Commingled (Submit ACO-4)	PRODUCTION INTEF	(VAL:
(II vented, Suc		-10.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Rama Operating Co., Inc.
Well Name	Knop 7-30
Doc ID	1206123

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.250	8.625	23	369	60/40 Poz		2% Gel 3% CC
Production	7.875	5.5	14	3394	AA2	125	

Joshua R. Austin Petroleum Geologist report for RAMA Operating CO., Inc
COMPANY: RAMA Operating Company, Inc.
LEASE: Knop #7-30
FIELD: Chase-Silica
LOCATION: Ne-Ne-SW (2310' & 2310')
SEC: 30 TWSP: 19s RGE: 10w
COUNTY: <u>Rice</u> STATE: <u>Kansas</u>
KB: <u>1778'</u> GL: <u>1769'</u>
API # 15-159-22775-00-00
CONTRACTOR: Sterling Drilling (rig #4)
Spud: 04/18/2014 Comp: 04/27/2014
RTD: <u>3700'</u> LTD: <u>3695'</u>
Mud Up: 2600' Type Mud: Chemical was displaced
Samples Saved From: <u>2700'-RTD</u> Drilling Time Kept From: <u>2700'- RTD</u>
Samples Examined From: 2700' - RTD
Geological Supervision From: 2785' to RTD
Geologist on Well: Josh Austin
Surface Casing: 8 5/8" @ 372'
Production Casing: <u>5 1/2" @ 3394'</u> Electronic Surveys: <u>By Pioneer Energy Services</u>
Electronic ourveys. By Honeer Energy Octvices

NOTES

On the basis of the positive structural position, drill stem test and and after evaluating the electric logs it was recommended by all parties involved in the Knop #7-30 to run 5 1/2" casing to further test the Arbuckle and Lansing zones and converting the well to a saltwater disposal well if the zones are nonproductive.

RAMA Operating Co., Inc. well comparison sheet

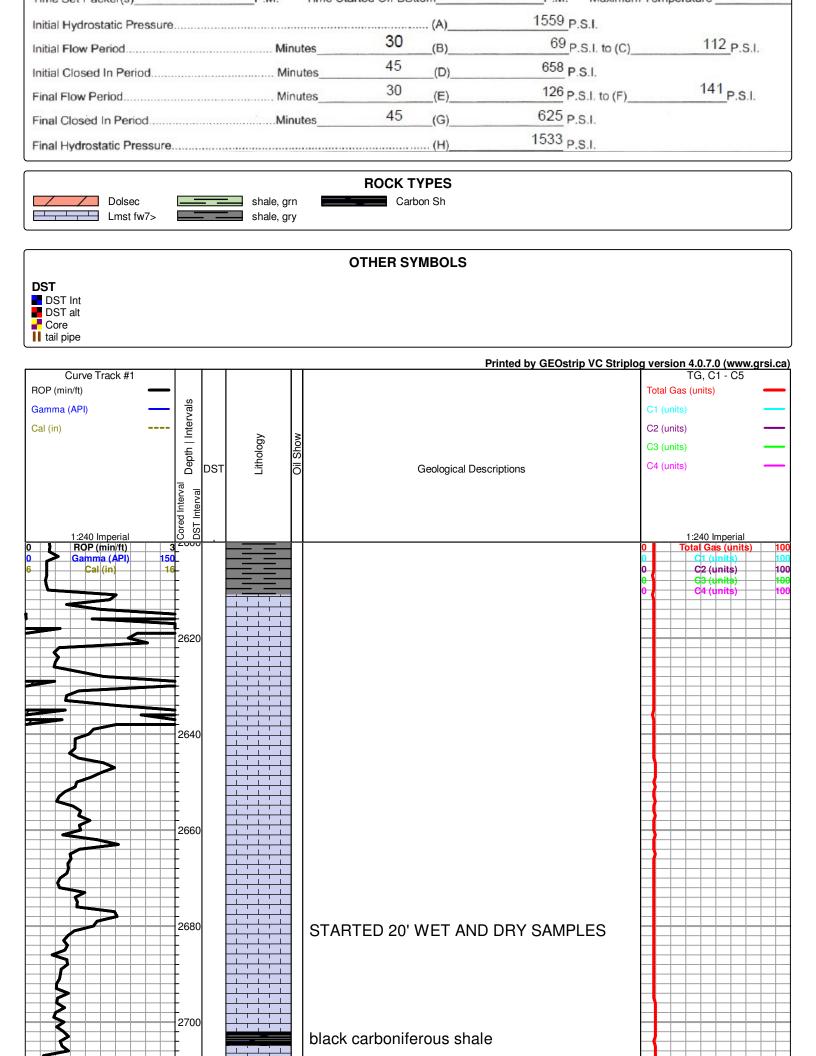
-		DRILLING WELL COMPARISON WELL COMPARISON WELL							COMPARISON WELL			
		Knop 7	7-30			Gatton	1-30			Rot	h 1	
<u>)</u>	-											
-							Struct	ural			Struc	tural
	1778	KB			1780	D KB	Relatio	onship	1769	KB	Relati	onship
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	2871	-1093	2865	-1087	2879	-1099	6	12	2868	-1099	6	12
Douglas	2904	-1126	2898	-1120	2911	-1131	5	11	0000	1000	F	10
Brown Lime Lansing	2993 3017	-1215	2986 3010	-1208	2998 3026	-1218	3	10 14	2989 3013	-1220	5	12 12
Arbuckle	3299	-1521	3291	-1513	3307	-1527	6	14	3319	-1550	29	37
Total Depth	3700	-1922	3695	-1917	3410	-1630			3283	-1514		
		11		D		DTESTING	3			15:00:	00 4/24/2	014
~	X	XIII /		HOISI		Box 157 KANSAS 6	7544		TIME ON	15:00:0	00 4/24/2	.014
				noisi		42-7313	0/044		TIME OF	F: 21:00:	00 4/24/2	014
	V	7/		DRIL		TEST TIC	KET			-		
						op7-30dst1						
Company RAN	IA OPER	L CO. INC				_Lease & V	Vell No. K	NOP 7-30				
Contractor_STEF	RLING DR	ILLING RI	G 4			_ Charge to	RAMA OF	PER. CO.	INC.			
Elevation1	1778 K.B	Formati	on	LAI	NSING "F	Effective I	Pay			Ft. Ticket	No.	13224
Date 4/24/1												
Test Approved By												
Formation Test N												3113 ft.
Packer Depth		50 TO 10 TO 20										in.
Packer Depth												in.
Depth of Selective												
Top Recorder De	pth (Inside)			30	95 ft.	Recorder I	Number		30046 C	ар	6000	_
Bottom Recorder				31	10						0000	P.S.I.
		side)			it ft.	Recorder	Number					DP.S.I.
Below Straddle R	ecorder Dep				ft.	Recorder I			13498 C	Cap	4000	<u>)</u> P.S.I. P.S.I. P.S.I.
						Recorder I	Number		13498_C		4000	^D _P.S.I. _P.S.I.
	CHEMICAL	pth			ft.	Recorder I	Number		13498 c Ca 210 ft.	Cap ap I.D	4000 2 1/4	^D _P.S.I. _P.S.I. 4i
Mud TypeC	CHEMICAL	oth L Viscosity		58	ft.	Recorder I Drill Collar	Number Length be Length_		13498 c Ca 210 ft.	Cap ap I.D I.D	4000 2 1/4 2 7/8	D_P.S.I. _P.S.I. 4i 3
Mud TypeC Weight Chlorides	CHEMICAL	oth L Viscosity		58 7.2	ft. cc. P.M.	Recorder I Drill Collar Weight Pip	Number Length be Length Length		13498 c Ca 210 ft. 2862 ft.	Cap ap I.D I.D I.D	4000 2 1/4 2 7/8 3 1/2	D_P.S.I. _P.S.I. 4i 32
Mud TypeC Weight Chlorides	8.8	pth LViscosity_ Water Loss Serial Nurr		58 7.2 1,000 p. IOt REQUI	ft. cc. P.M. ESTED	Recorder I Drill Collar Weight Pip Drill Pipe L	Number Length be Length Length Length		13498 C Ca 210 ft. 0 ft. 2862 ft.	Cap ap I.D I.D I.D Tool Siz	4000 2 1/4 2 7/8 3 1/2 e 3 1/2	D_P.S.I. P.S.I. 4i 3 2 2 2-IF
Mud TypeC Weight Chlorides Jars: MakeS	8.8 TERLING	DIH L Viscosity Water Loss_ Serial Num OReve	nberN	58 7.2 1,000 p. Not REQUI	ft. cc. P.M. ESTED	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool	Number Length Length Length ngth		13498 c Ca 210 ft. 0 ft. 2862 ft. 20 ft.	Cap I.D I.D I.D Tool Size Size	4000 2 1/4 2 7/8 3 1/2 e 3 1/2	D_P.S.I. _P.S.I. 4 3 2 2 2-IF 2-FH
Mud TypeC Weight Chlorides Jars: MakeS ⁻ Did Well Flow? Main Hole Size	TERLING 7 7/8	pth LViscosity Water Loss Serial Num OReve Tool v	nberN rsed Out_ Joint Size	58 7.2 1,000 p. Not REQUE NO 4 1/2)	ft. cc. P.M. ESTED O	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool I Anchor Le	Number Length Length Length ngth		13498 C C 210 ft. 2862 ft. 20 ft. 21 ft.	Cap I.D I.D I.D Tool Size Size	4000 2 1/4 2 7/8 3 1/2 e 3 1/2 4 1/2 Choke Siz	D_P.S.I. _P.S.I. 4 3 2 2 2-IF 2-FH
Mud TypeC Weight Chlorides Jars: MakeS ⁻ Did Well Flow? Main Hole Size Blow: 1st Open: \$	TERLING 7 7/8 NO	pth LViscosity Water Loss Serial Num OReve Tool_ G (B.O.B	nberN rsed Out_ Joint Size 9 MIN	58 7.2 1,000 p. Not REQUE NO 4 1/2)	ft. cc. P.M. ESTED O	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool I Anchor Le	Number Length Length Length ngth		13498 C C 210 ft. 2862 ft. 20 ft. 21 ft.	Cap I.D I.D I.D Tool Size Size	4000 2 1/4 2 7/8 3 1/2 e <u>3 1/2</u> 4 1/2 Choke Siz	D_P.S.I. _P.S.I. 4 3 2 2-IF 2-FH e_5/8
Mud TypeO Weight Chlorides Jars: MakeS Did Well Flow? Main Hole Size Blow: <u>1st Open</u> ; 2nd Open;	TERLING 7 7/8 STRONG	Dih Water Loss Serial Num O Reve Tool & G (B.O.B 2	nberN rsed Out_ Joint Size 9 MIN	58 7.2 1,000 p. Not REQUE NO 4 1/2)	ft. cc. P.M. ESTED O	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool I Anchor Le	Number Length Length Length ngth		13498 C C 210 ft. 2862 ft. 20 ft. 21 ft.	Cap I.D I.D I.D Tool Size Size	4000 2 1/4 2 7/8 3 1/2 e <u>3 1/2</u> 4 1/2 Choke Siz	D_P.S.I. _P.S.I. 4 3 2 2-IF 2-FH e_5/8 NO BE
Mud TypeO Weight Chlorides Jars: MakeS [*] Did Well Flow? Main Hole Size Blow: 1st Open: 2nd Open: Recovered	TERLING 7 7/8 STRONG 420 ft. of G	Dih Water Loss Serial Num O Reve Tool & G (B.O.B 2	nberN rsed Out_ Joint Size 9 MIN 25 MIN	58 7.2 1,000 p. NOT REQUE NO 4 1/2) 1.)	ft. cc. P.M. ESTED O XH_in.	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool I Anchor Le Surface C	Number Length Length Length ngth	1	13498 C C 210 ft. 0 ft. 2862 ft. 20 ft. 21 ft. in.	Cap I.D I.D I.D Tool Size Size Bottom (4000 2 1/4 2 7/8 3 1/2 e <u>3 1/2</u> 4 1/2 Choke Siz	D_P.S.I. _P.S.I. 4 3 2 2-IF 2-FH e_5/8 NO BE
Mud TypeO Weight Chlorides Jars: MakeS Did Well Flow? Main Hole Size Blow: 1st Open: ; 2nd Open: ; Recovered Recovered	TERLING 8.8 TERLING 7 7/8 STRONG STRONG 420 ft. of G 100 ft. of S	pth LViscosity_ Water Loss Serial Num OReve Tool G (B.O.B G (B.O.B G (B.O.B C (B.O.B C (B.O.B)	nberN rsed Out_ Joint Size 9 MIN 25 MIN 25 MIN	58 7.2 1,000 p. Not REQUE Not 4 1/2) 1.) .)	ft. cc. P.M. ESTED O XH_in.	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool I Anchor Le Surface Cl	Number Length Length Length ngth		13498 C C 210 ft. 0 ft. 2862 ft. 20 ft. 21 ft. in.	Cap I.D I.D I.D Tool Size Size	4000 2 1/4 2 7/8 3 1/2 e <u>3 1/2</u> 4 1/2 Choke Siz	D_P.S.I. _P.S.I. 4 3 2 2-IF 2-FH e_5/8 NO BE
Mud TypeO Weight Chlorides Jars: MakeS Did Well Flow? Main Hole Size Blow: 1st Open: ; 2nd Open: ; Recovered Recovered Recovered	CHEMICAI 8.8 TERLING 7 7/8 STRONG STRONG 420 ft. of G 100 ft. of S ft. of	pth LViscosity_ Water Loss Serial Num OReve Tool G (B.O.B G (B.O.B 2 G (B.O.B 2 G (B.O.B 2	nberN rsed Out_ Joint Size 9 MIN 25 MIN 10IL SPE	58 7.2 1,000 p. NOT REQUE NO 4 1/2 2 1.) .)	ft. cc. P.M. ESTED O XH_in.	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool I Anchor Le Surface Cl	Number Length Length Length ngth	1	13498 C C 210 ft. 0 ft. 2862 ft. 20 ft. 21 ft. in.	Cap I.D I.D I.D Tool Size Size Bottom (4000 2 1/4 2 7/8 3 1/2 e <u>3 1/2</u> 4 1/2 Choke Siz	D_P.S.I. _P.S.I. 4 3 2 2-IF 2-FH e_5/8 NO BE
Mud TypeO Weight Chlorides Jars: MakeS Did Well Flow? Main Hole Size Blow: 1st Open: ; 2nd Open: ; Recovered Recovered	CHEMICAI 8.8 TERLING NC 7 7/8 STRONC STRONC 420 ft. of G 100 ft. of S ft. offt. of	pth LViscosity_ Water Loss Serial Num OReve Tool G (B.O.B G (B.O.B G (B.O.B C (B.O.B C (B.O.B)	nberN rsed Out_ Joint Size 9 MIN 25 MIN HOIL SPE	58 7.2 1,000 p. Not REQUE Not 4 1/2) 1.)	ft. cc. P.M. ESTED O XH_in.	Recorder I Drill Collar Weight Pip Drill Pipe L Test Tool I Anchor Le Surface Cl	Number Length Length Length ngth	1	13498 C C 210 ft. 0 ft. 2862 ft. 20 ft. 21 ft. in.	Cap I.D I.D I.D Tool Size Size Bottom (4000 2 1/4 2 7/8 3 1/2 e <u>3 1/2</u> 4 1/2 Choke Siz	D_P.S.I. _P.S.I. 4 3 2 2-IF 2-FH e_5/8 NO BE

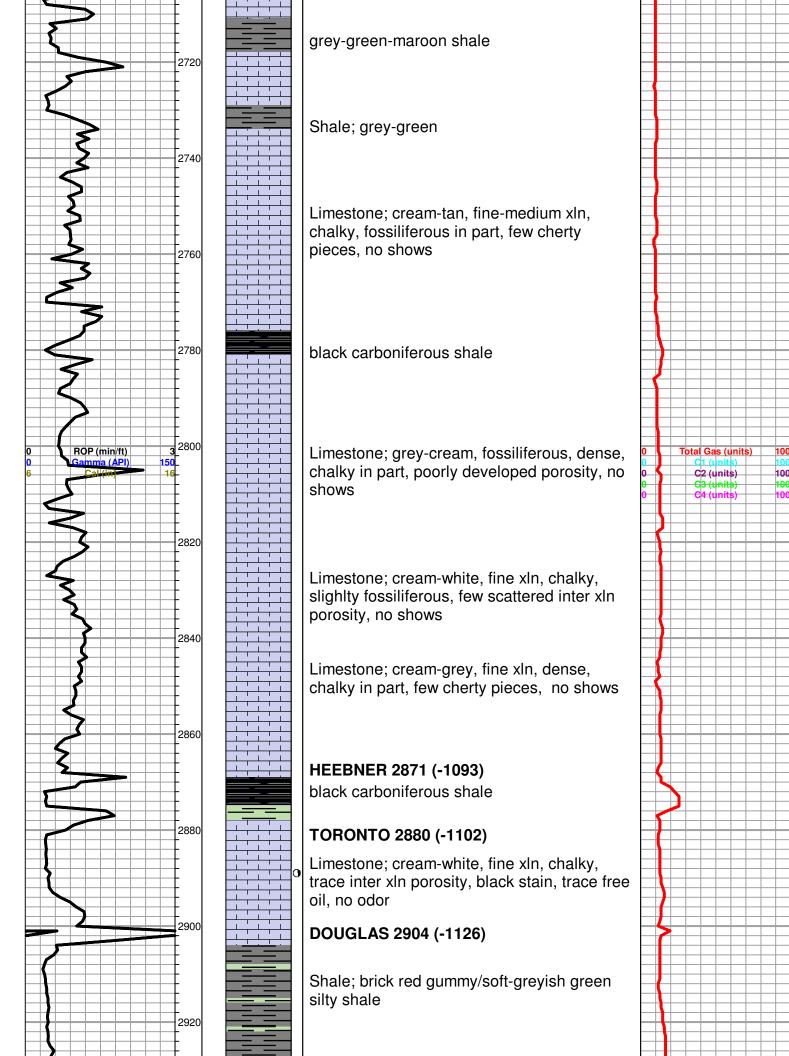
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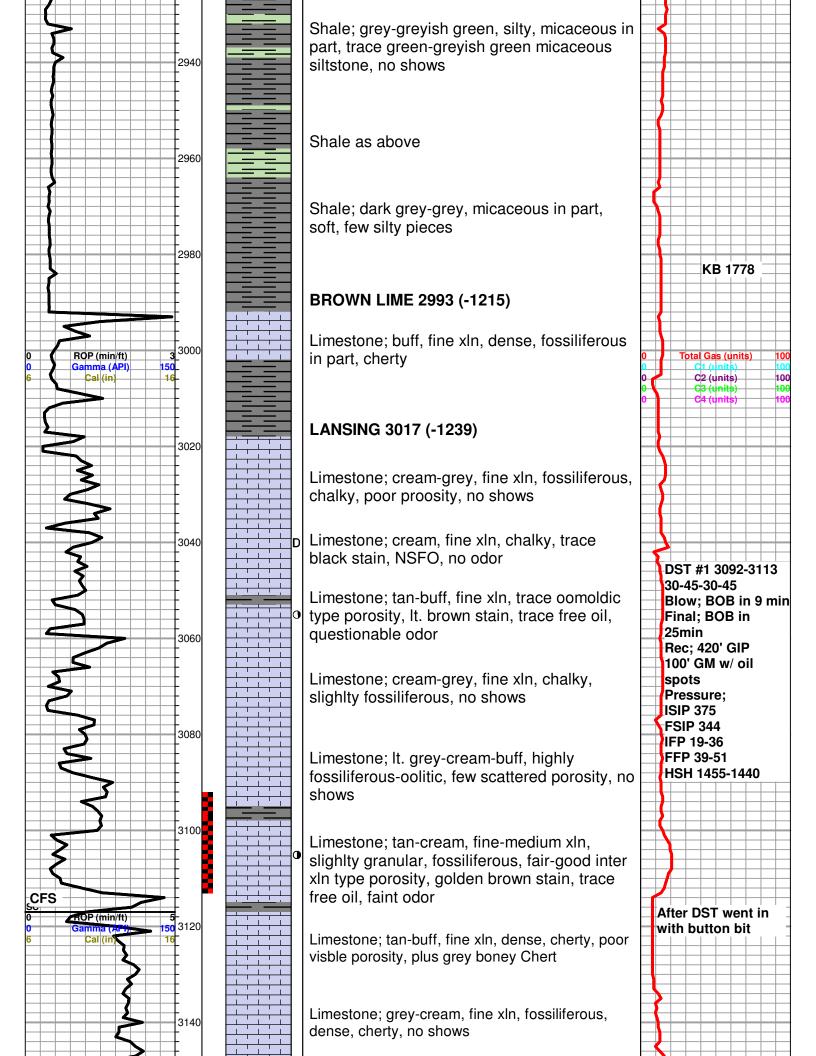
Recovered_____ft. of ____ Recovered_____ft. of ___ Remarks: TOTAL FLUID REC:100' (100' IN DRILL COLLARS)

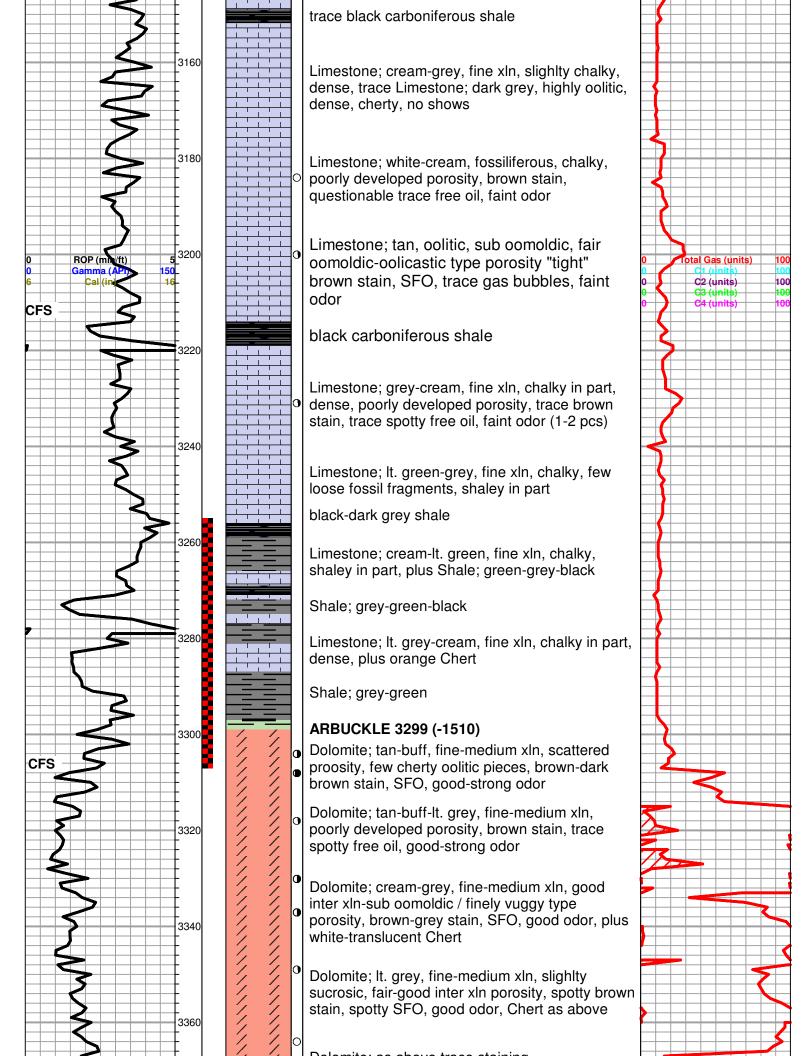
TOOLSAMPLE GRINDOUT: (100%MUD)

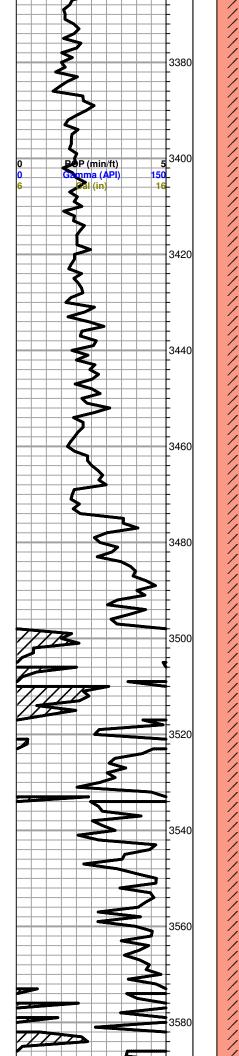
		A.M.			. A.M.				Sec. 10
Time Set Packer(s)	4:40 P.M		me Started Off Bo	ttom 7:10 P.N		Maximum	Temper	ature	106
nitial Hydrostatic Pressur	е			(A)	1455 P.S	.I.			
nitial Flow Period		Minutes	30	(B)	19 _{P.S}	.I. to (C)_		36	P.S.I.
nitial Closed In Period		Minutes	45	(D)	375 P.S	.1.			
Final Flow Period		Minutes	30	(E)	39 P.S	I. to (F)		51 _p	P.S.I.
Final Closed In Period		Minutes	45	(G)	344 P.S	l.			
Final Hydrostatic Pressure	e			(H)	1440 P.S.	l.			
			P.O. I HOISINGTON, (800) 5	D TESTING Box 157 KANSAS 67544 542-7313 I TEST TICKET hop7-30dst2		IME ON: IME OFF:			
Company RAMA O	PER. CO. I	NC		Lease & Well No.	KNOP 7-30				
Contractor_STERLING	DRILLING	RIG 4		_ Charge to RAMA	OPER. CO. IN	IC.			
Elevation1778	K.B Form	nation	ARUCKLE	Effective Pay		Ft	Ticket	No	J3225
Date 4/25/14 STest Approved By JOSH		Twp	19 S R;	ange			RICE	State_	KANSA
	-			_ Diamond Representa					
Formation Test No.		Interval Tester		255 ft. to	3307 ft.				3307 ft
Packer Depth			<u>3/4</u> in.	Packer depth			91 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	6 3/4	in.
Packer Depth		t. Size <u>6</u>	<u>3/4</u> in.	Packer depth		ft.	Size	6 3/4	in.
Depth of Selective Zone			2250					000	00
Top Recorder Depth (In			3258 ft.	Recorder Number_		0046 Cap		the first state and state and the state	00 P.S.I.
Bottom Recorder Depth			3304 _{ft.}	Recorder Number_		3498 Ca			00 P.S.I.
Below Straddle Recorde			ft. 48	Recorder Number_					and the second second second
0.5	IICAL Visco	New Statement State Order State	0.4	Drill Collar Length_		210 ft.	1.		
weight	Water Lo		3,000 p.p.M.	Weight Pipe Lengt		3025 ft	I.D		
Chlorides Jars: Make STERLI		NO	t REQUESTED	Drill Pipe Length			I.D		
	NO		NO	Test Tool Length_		52 ft.	Tool Size		/2-IF /2-FH
Did Well Flow? Main Hole Size 7 7/8		eversed Out	4 1/2 XH in.	Anchor Length 32' D.P Surface Choke Size	- 1		Bottom (
Blow: 1st Open: STR				Sunace Choke Size	e	IN.	Bollom		BB (1'
2nd Open: STR(6 20 MIIN.)						VVN	BB(1")
	of GIP	CAR 25% OIL	259/ MUD)						
	G+OCW			ATER35%MUD)	Read GHER CO. HC. Bert Teel Dec 2014/54/00 Print Teel Dec 2014/54/00 Print Teel Dec 2014/54/00		KNOP 7-30		Kong Postador APE3 36 Martin
100									
			%OIL 90%WATE						
	CHLOPII	LO 12,000 L	a 101				1000100.00		
Recoveredft					1				
Recoveredft	. of					1		1	-

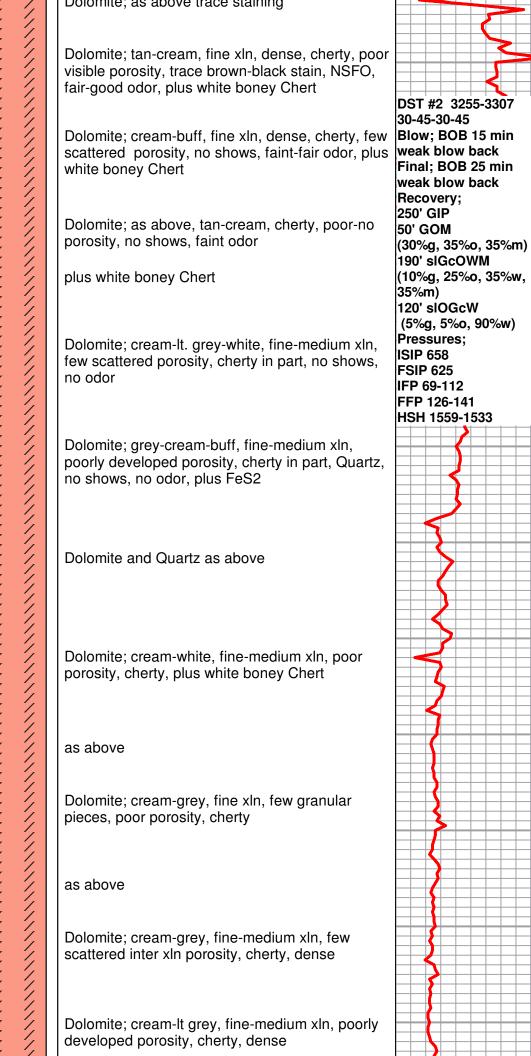


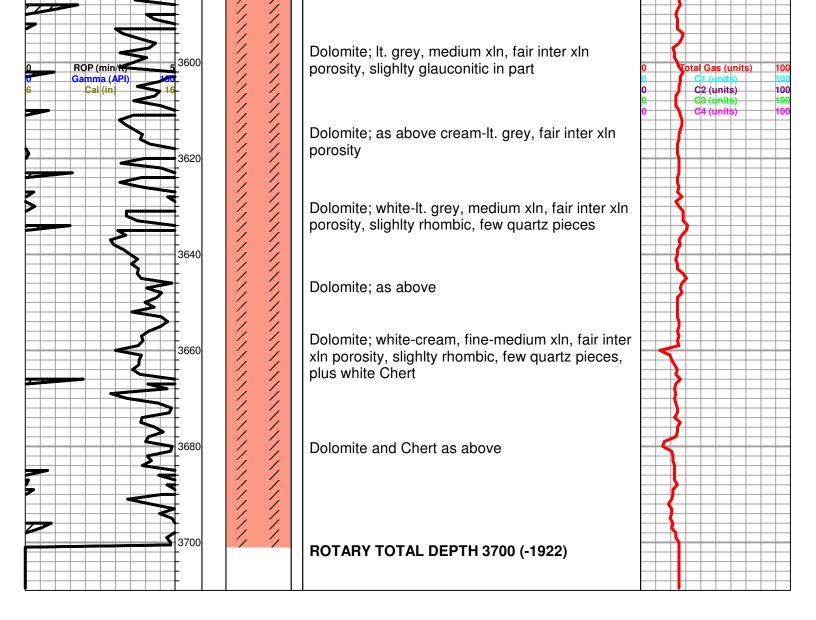












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TREATMENT REPORT

Taylor Printing, Inc. 620-672-3656

339

ield Order # 96 5	Station	1	Well #	Casing <	75/0 Depth	1368	County	168	State 15	
<u>965</u> Type Job	CNW	511	rface		Formation		¥ •	-	Pescription 30 - 19-10	
PIPF	E DATA		FORATING DATA	FLUID			TRF	·	RESUME	
Casing Size	Tubing Siz	· · · ·		Acid			RATE PRESS		ISIP	
 Depth 368	Depth	From	То	Pre Pad 30	0 515 0	Max/40	Paz		5 Min.	
olume 20	Volume	From	То	Pad 2%	GeL	Min			- 10 Min.	
/lax Press	Max Press		То	Frac 30/0	22	Avg	·	· ·	15 Min.	
Vell Connectio	n Annulus V	/ol. From	То		Cellfly	/HHP Used			Annulus Pressure	
Plug Depth	Packer De	Prom	То	Flush		Gas Volun			Total Load	
Customer Rep	resentative	Randy	Statio	n Manager / Sel	1/22-16		Treater	JOR		
Service Units	77686	19905	199597	3748	254	· · ·				
Driver lames	546		Sumarausi	havin	Jol.					
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate		a in dia Tanàn		rvice Log	المائي - المائية المائية - ا - المائية -	
OMO	i serio di se			-* -	onloc,	19970	ry ma	<u>etine</u>	<u></u>	
					RUN 9) 23#	
340					Start				<u> </u>	
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· · · · · · · · · · · · · · · · · · ·					20 B	BLOF	Ceme	NT TI	n Pitt	
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				· · · · ·		<u> </u>	OC ME			

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

Customer //	Liberal	l, Kansas	• ~	Lease No.	KNOD 7-30	, Date	Cement Report		
Customer RAINA Constituting Co. INC., Lease KNOP				Well # 7.	Thop 7 50				
asing ~/	2p	Depth 33	out	County R	- 30	State 16	Service Receipt 8 - 10657-A State 1/L		
	/ -			. 10	Legal D	escription 30-19	-10		
	2" Long						Cement Data		
asing size	ell'il	Pipe I	Tubing Size		Perforating Data Shots/Ft		Lead		
epth 33			Depth		From To				
			Volume	4	From	То			
lax Press	2		Max Press		From To		Tail in AA2 Coment		
Veli Connec	tion		Annulus Vol.			То	1255145 15ppg		
Plug Depth			Packer Depth		From	То			
T	Casing	Tubing		T			<u></u>		
Time	Pressure	Pressure	Bbls. Pumbed	Rate			ice Log		
1000					-	Alled Kut	•		
1100					On Location				
			1			Afety Meen	ting		
					1 Se	t-p			
1900					Run Csq & Floort Equipment				
					<i>D</i> ,	& Bottom	Cine		
					+	111 + 5	<i>, , , , , , , , , ,</i>		
2/(0					les	+ Lines T. K.	G Floor 2000psi		
				<u> </u>		1			
2115			12	<u> </u>	Fin	mp 500 gal.	s MIF		
			· · · · · · · · · · · · · · · · · · ·				·····		
2120			32	<u> </u>	M	X& Pomp Les	at 125'sk 15ppg		
						<u> </u>			
		,	ļ	-		ished mix			
			- Rod		1 WA	shink Drug	· Top Plug · 0244- 82.18815		
2145		·	82,2		pig	place 3370×	· 02445- 82.2 BBLS		
2200					ZAH.	vel VIve, Ke	Gensod Float Holl		
			<u> </u>						
2210			8		JA.	xa Purp Com	out for RAT Holy		
			1				1		
2220			6		Mi,	5 - Jung Carrie	for Mouse Hole		
		·	·			Washing			
2230	217				1 0	36 Camps	steel Through		

Randy Givest-Customer Representative

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Kewl w Confley Station Manager

<u>Riten Brown</u> Cementer Taylor Printing, Inc.

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