

Co	nfiden	tiality	/ Requested:
	Yes	N	lo

Kansas Corporation Commission Oil & Gas Conservation Division

1186586

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 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 #	GPS Location: Lat:, Long:								
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)								
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84								
Purchaser:	County:								
Designate Type of Completion:	Lease Name: Well #:								
New Well Re-Entry Workover	Field Name:								
□ Oil □ WSW □ SHOW □ Gas □ D&A □ ENHR □ SIGW □ OG □ GSW □ Temp. Abd. □ CM (Coal Bed Methane) □ Cathodic □ Other (Core, Expl., etc.): □ If Workover/Re-entry: Old Well Info as follows: Operator: Well Name:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.								
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)								
□ Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:								
GSW Permit #:	Cuerter See Two S R Total West								
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. R East West 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 III Approved by: Date:

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	 Digital elec 	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons			p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvari of	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Day 1 2	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	Wray 15A 1
Doc ID	1186586

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	221	Common	2% gel, 3% cc

TE CE WATCH

FIELD 別が出 OPERATOR RITCHIE EXPLOSATION, INC. LOCATION S/2 NW NE 2513 Spring Meadow Wichita, KS 67205 # | WRAY |5 A WILDCAT GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG ηK Licensed Geologist No. 334 960' FNL \$ 1830 FEL 6 ဂ္ဂ Phone: 316-721-9226 Cell: 316-641-6008 2983 ELEVATION **2988**

	SAMPLES BOMMED FROM	 I	LES SWOD FROM	4720'	COMM: 10-12-13 C	CONTRACTOR W.W. DRLG RIG#2	COUNTY	SEC15 TWP
2500 RT	3550 TO RTD	3400' TO BID	3550 TO 8TD	١.	COMP. 10-Z3-13	R16#2	JAK LZ	13 ROE 34W
7			-					٤.

PRODUCTION_

W/165 sxs

SURFACE 85/8 2 221

CASING RECORD

From **KB_2988**

	MUD UP DISPL 2 339	GEOLOGICAL SUPERVISION FROM	SAMPLES DUMINED FROM	CONTENS THE PRINT THE
7-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3	MUD UP DISPL & 3390' TYPE MUD CHEMICAL	FROM 3580 TO BTD	SAMPLES BAMINED FROM3550TORTD	District The Trees - Control of the

WELL LOG SURVEYS

COMP DENS. NEXT &

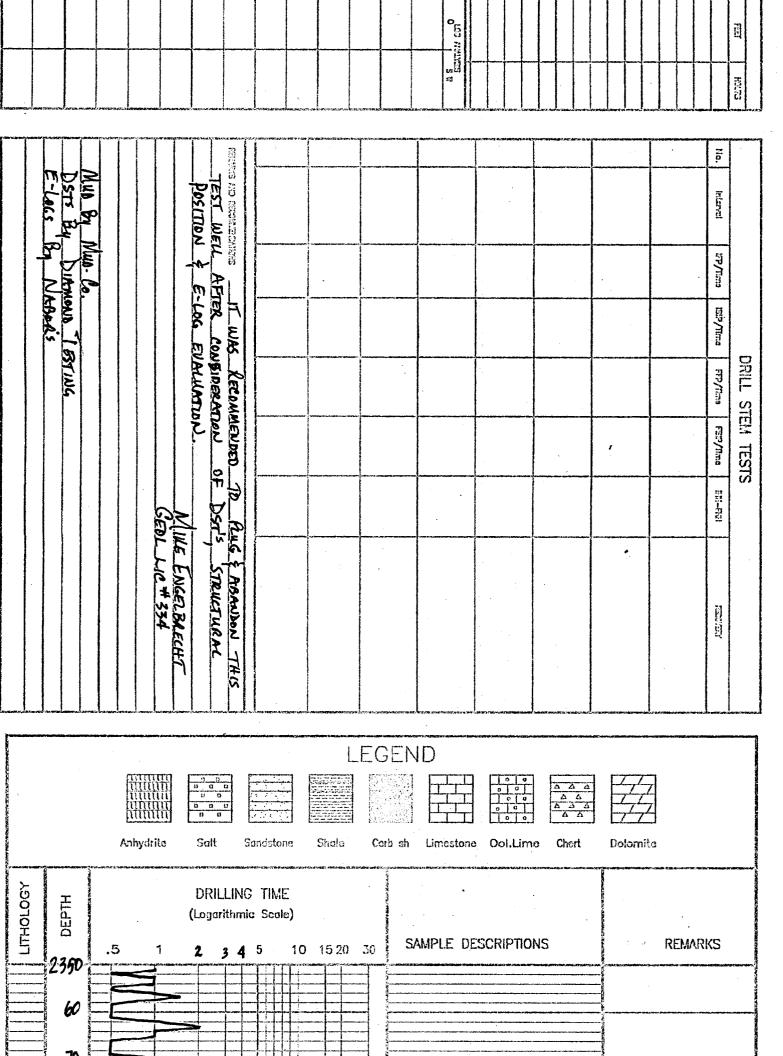
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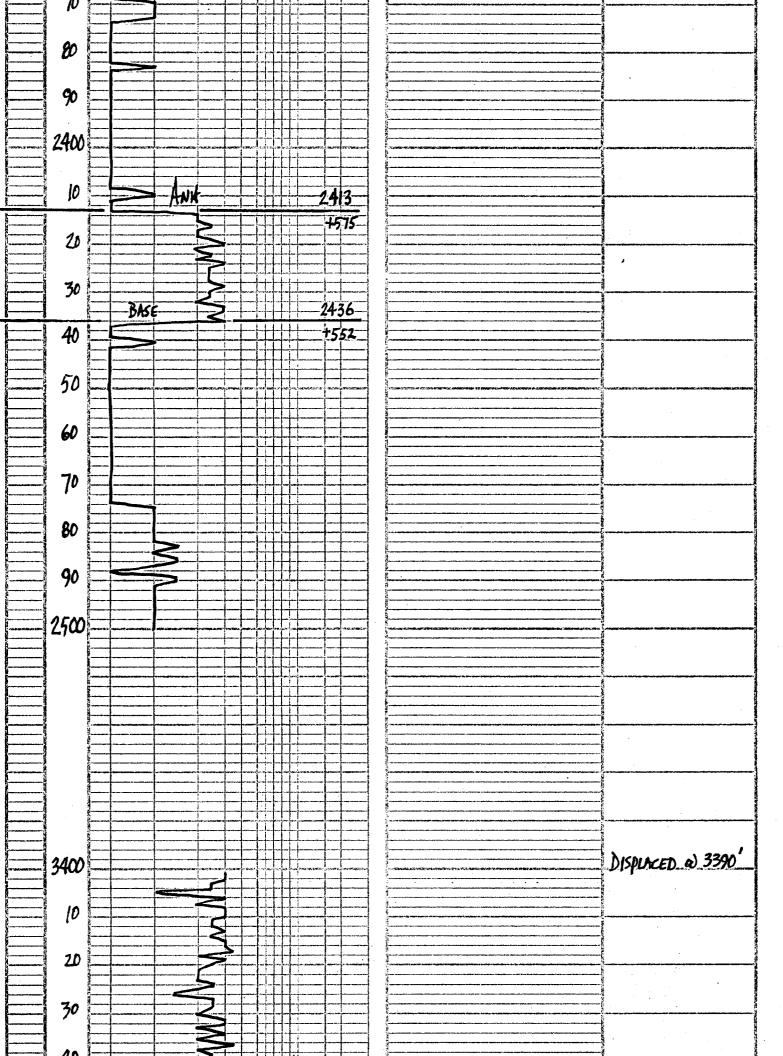
330' FNL \$ 330' FWL 14-13-34W

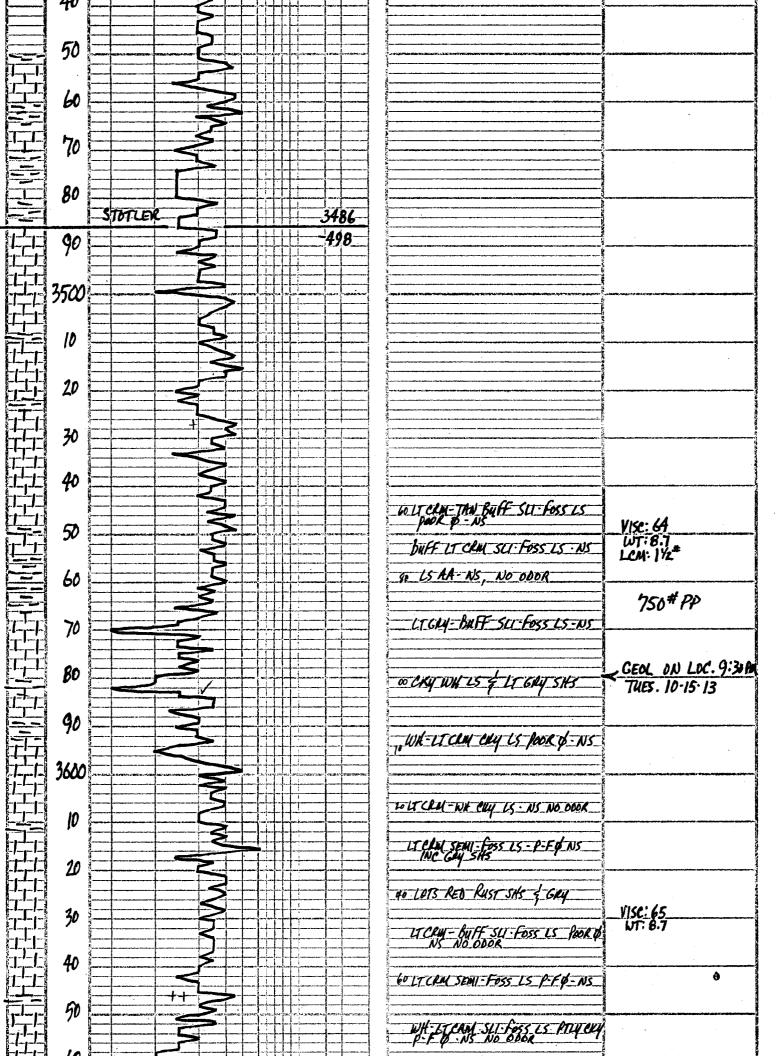
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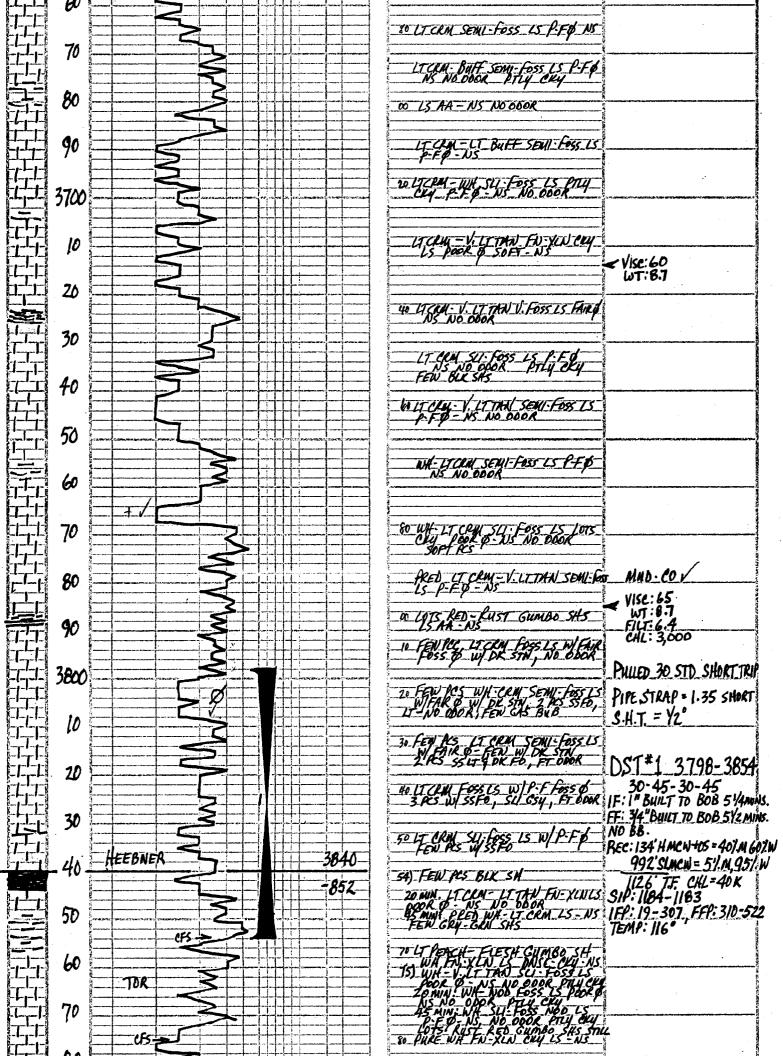
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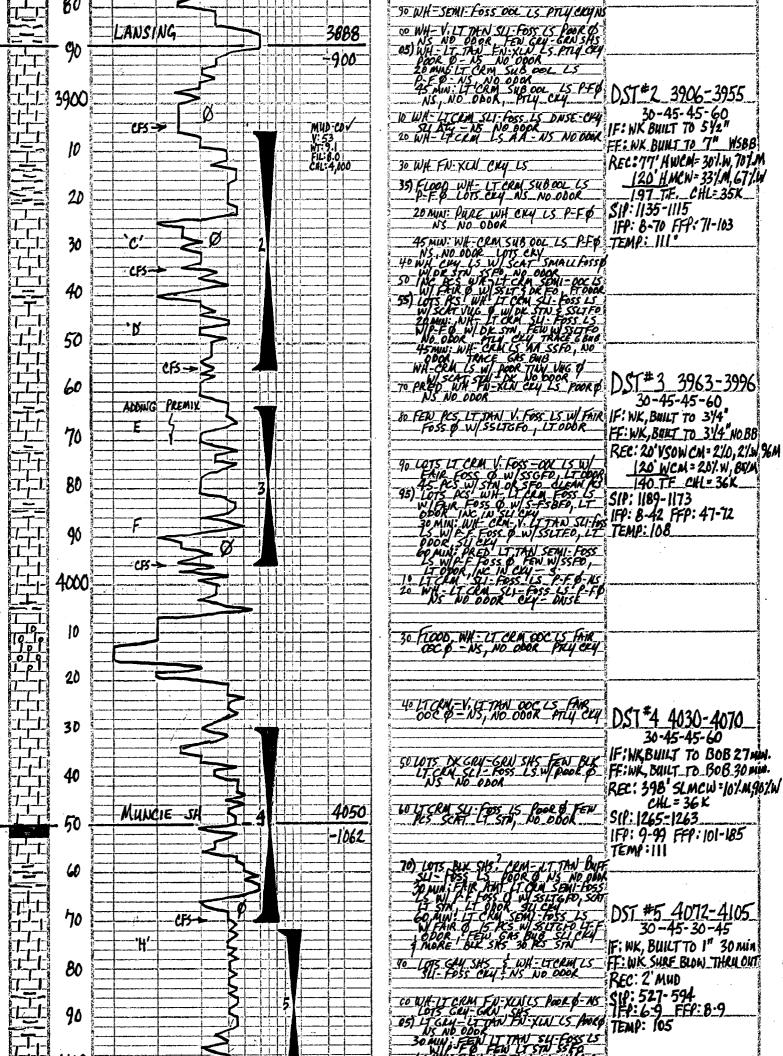
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										·		AFTER DS1.7	4428	275	3996	25,	3820'	3245'	1270'	£	6		
			reference and from younger, management	Market Control Lateral								DS17			-							ਣ	
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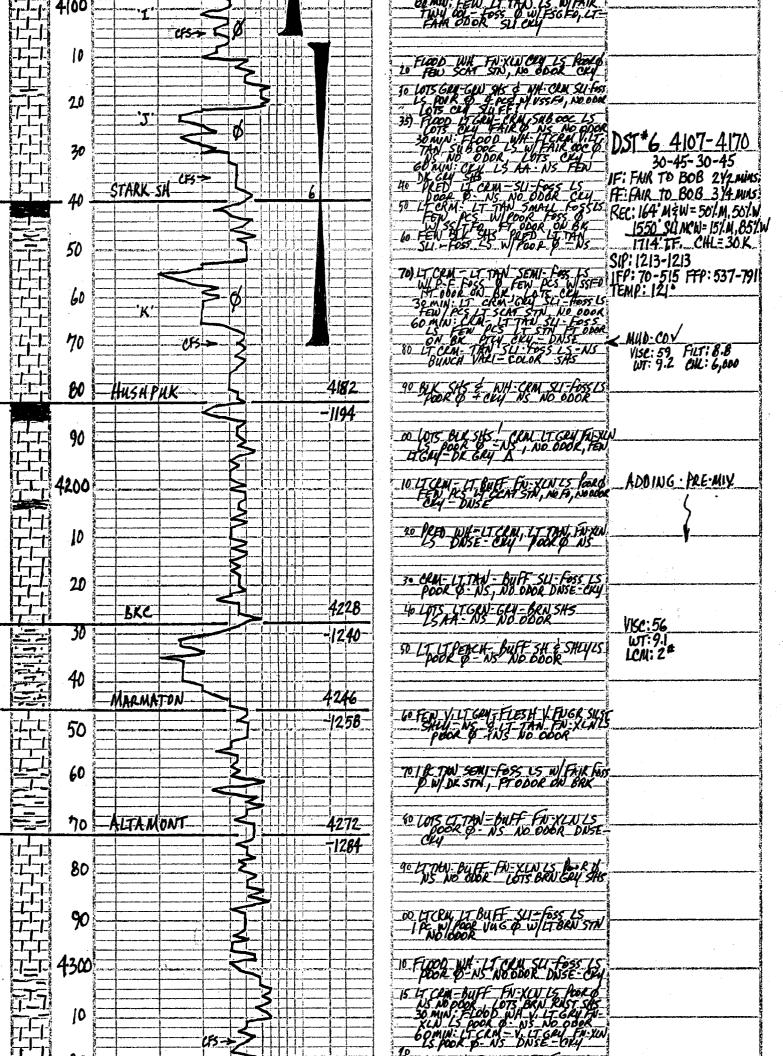


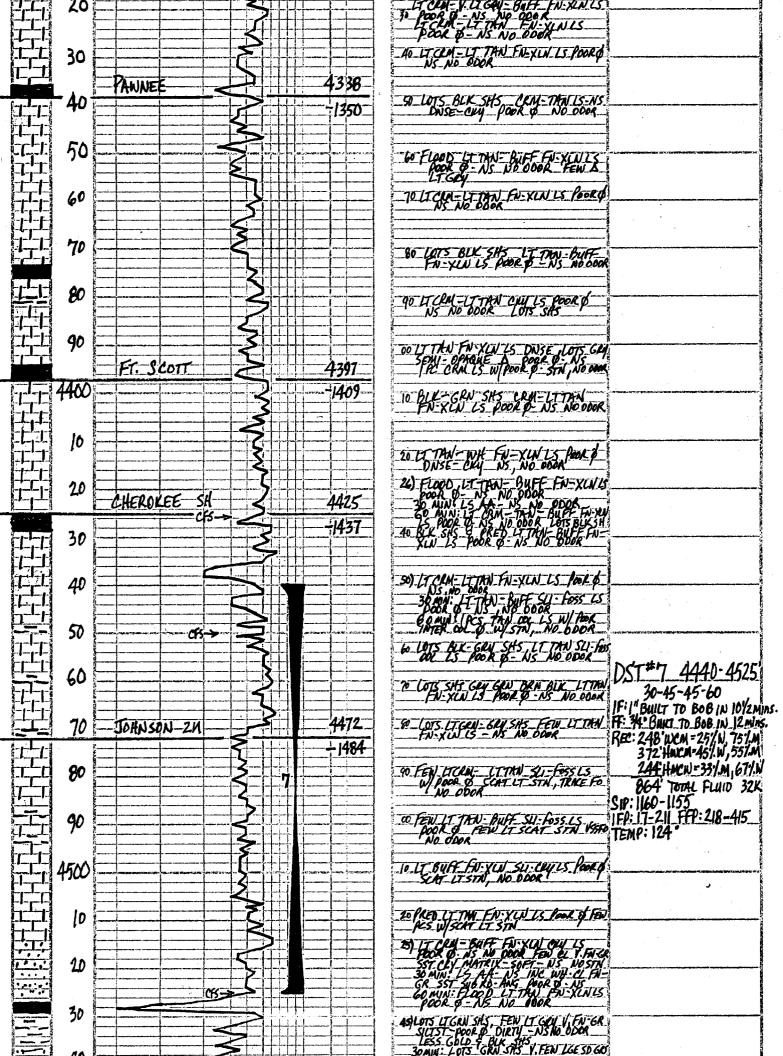


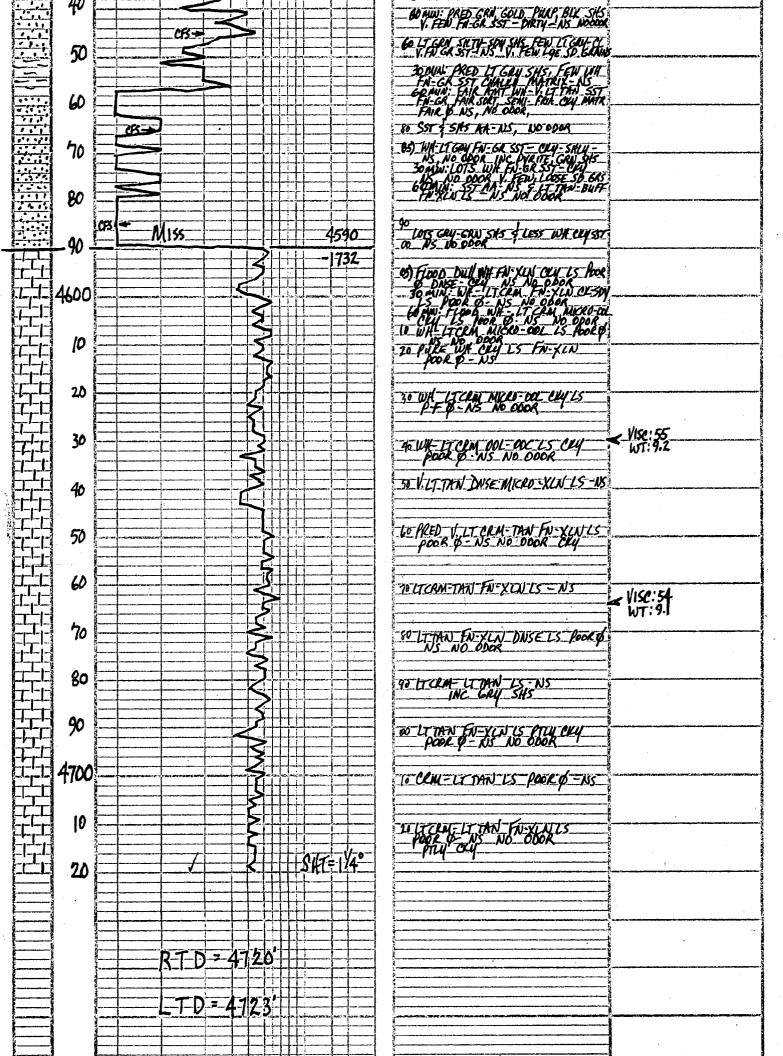


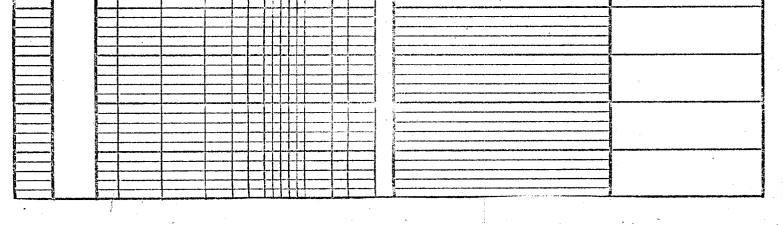














#1 Wray 15A

960' FNL & 1830' FEL 30' N & 150' E of S/2 NW NE Section 15-13S-34W Logan County, Kansas

API# 15-109-21207-0000

Elevation: 2983' GL, 2988' KB

Sample Tops			Ref. Well			
Anhydrite	2413'	+575	-1	 	 	
B/Anhydrite	2436'	+552	-4			
Stotler	3486'	-498	+2	•		
Heebner	3840'	-852	+2		-	
Toronto	3860'	-872	+2			
Lansing	3888'	-900	+2			
Muncie Shale	4050'	-1062	-8			
Stark Shale	4140'	-1152	-8			
Hush. Shale	4182'	-1194	-11			
BKC	4228'	-1240	-10			
Marmaton	4255'	-1267	-11			
Altamont	4276'	-1288	-11			
Pawnee	4338'	-1350	-11			
Myrick	4381'	-1393	-12			
Fort Scott	4397'	-1409	-11			
Cherokee Shale	4425'	-1437	-12			
Johnson	4472'	-1484	-12			
Mississippian	4590'	-1602	-56			
RTD	4720'	-1732				

ALLIED OIL & GAS SERVICES, LLC 061358

			Federa	l Tax l	LD. # 20-8651475						
REMITTO P.O. B SOUTI) (EXA\$ 760	192					/ICB POINT: · «XKI 4			
DATE 10-23-13	SEC.	TWP.	RANGE 34		CALLED OUT	10	LOCATION LLOOPIN	IOB START	JOB FINISH		
LEASELOTOY 15A OLD OR NEW (Ci			LOCATION W	enun tor	ment 5 to 7 d 3/0 1 N F t	Cox Y	SPA	COUNTY Legan Jobstan	* 2!30179		
CONTRACTOR			<u> </u>						ion 31007%		
TYPE OF JOB P	AT	·			OWNER 5	Q 117	e				
HOLE SIZE 7	718		4720		CEMENT						
CASING SIZE DEPTH UBING SIZE DEPTH					AMOUNT OR	AMOUNT ORDERED 220 544 66/40 8024/2009 1/44 F10-502)					
TUBING SIZE DRILL PIPE	······		ELH FLH		1411 -10-	50	7				
TOOL			PTH		-						
PRES. MAX			MUML		COMMON		132 /1	60 1282	- 236280		
MEAS, LINE			DE JOINT		POZMIX		49 SVA	() 3 <u>5</u>	\$25 <u>\$25</u>		
CEMENT LEFT IN	CSG.				GEL		8540	@ 23***	18720		
PERFS.					CHLORIDE			@			
DISPLACEMENT					ASC			@			
EQUIPMENT					Floree	1	55 ⁴⁰	@ <u>7 9 7</u>	- 163 25		
PUMPTRUCK	CEMENT	00 Val	in Qapa	. 1 -							
			eus Foro		<i>i</i>			_@			
BULK TRUCK	inder EK	~1,07		WIL	3			_@			
# 34()	DRIVER	Sugar	(But)					_@ <i></i>	- ·——		
BULK TRUCK		-25.00,24.1°	- (1 22-27)		•		···································				
#	DRIVER				HANDLING 2	224	180.14	@ 248	- 632.97		
	· · · · · · · · · · · · · · · · · · ·				MILBAGE Q	(36) (4)	ton x 3		73788		
	RE	MARKS:						TOTA	586000		
250 2423	ಕ			_:			SERVI	CE			
100 @ 1285											
400 270					DEPTH OF JO				2425		
10@ 40/10W	per piu	G	···. <u>-</u>		PUMPTRUC				12502		
35RH					. BXTRAFOO	_		@			
19WH	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		. MILBAGB 🖊	•	•	@ 440	- 132		
					- MANIFOLD.			_@	200		
					Hi№	ν <u> </u>	.30	_@			
CHARGE TO: Q	140h18	<u> </u>	L1		-				11.100		
STREET	,		·		-			TOTA	L 161300		
CITY	\$1	TATE	ZJP		_	PI.H	G & FLOA'	T EQUIPME	NT		
								@	10764		
•					8518 i	CLOXE	evnn	≏@	_ 3012		
To: Allied Oil & Gas Services, LLC.								_ @			
You are hereby requested to rent cementing equipment											
and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was											
								ጥ ለሞል	L 10264		
done to satisfacti	ion and st	ipervision	of owner agen	it or				IOIA	.t. 18_6		
contractor. I have read and understand the "GENERAL					SALES TAX	/IF A n	u)				
TERMS AND CONDITIONS" listed on the reverse side.								× 11	_		
	/	. /	<i>/</i> .		ТОТАССНА	RGES	<u> (Co</u>				
PRINTED NAME LOWNIC LANG					_ DISCOUNT.	_ 1	,513,5	54_ IFPA	AID IN 30 DAYS		
TRINGE PRIME		- 2//	1 60		_ 210000111		5 00	on Ne	HD IN 30 DAYS		
SIGNATURE (SIL	ci 10	5				2,00				
SIGNALOKE C			(-						

WRAY ISAI

ALLIED OIL & GAS SERVICES, LLC 061149 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999	SERVICE POINT:				
SOUTHLAKE, TBXAS 76092	- Oak 127 Co				
DATE 10/12/13 SEC. TWP. RANGE 34 CA	ON LOCATION JOB START JOB FINISH 5! 00p. m. 5:30 6/60				
	COUNTY ASTATE				
LEASE LOCATION MOINUM					
OLD OR (NEW) (Circle one) W to Pd 3/0	IN E. into Tob time 7:30-8100 Tob time 10:00-10:30				
CONTRACTOR U W 2	OWNER Same				
TYPEOFJOB Surface	•,				
HOLESIZE 12/4' T.D. 222'	CEMENT 11 5 70/ (
CASING SIZE 85/8 DEPTH 221.19'	AMOUNT ORDERED 105 COM 370 CC				
TUBING SIZE DEPTH	2% gel, 150 com 3% 200, 60				
DRILL PIPE DEPTH TOOL DEPTH	(om 3% (C				
PRES. MAX MINIMUM	COMMON37.5 @ 17.90 6712.50				
MEAS, LINE SHOE JOINT	POZMIX @ :				
CEMENT LEFT IN CSG. 15'	GBL 3 Sk5 @ 2340 7020				
PERFS.	CHLORIDE 125K5 @ 64.00 768.00				
DISPLACEMENT 13.13 bb1	ASC@				
EQUIPMENT	. @				
	@				
PUMPTRUCK CEMENTER Paul Keaver	@				
# 120 HELPER yer Flipse					
BULK TRUCK # 600 DRIVER Jun Mendez (TWS)					
BULK TRUCK					
# DRIVER	HANDLING 397.0243 @ 2.48 984.61				
	MILBAGE 18.21 ×30mi v260 1423,89				
REMARKS:	TOTAL 9959.20				
mx, 1655ks Com3/2002/0000	· ·				
11V1 (16) 5/5 (0m s) for (4) 1000	SERVICE				
Coment did not cocculate					
mix 150 sks (om 3% (c)	DEPTH OF JOB 222'				
coment did not come to suctace					
Mix 60, 583 (pm 3%0 (C)	EXTRA FOOTAGE @				
convert did come to surface	1111001100 3.1(1(1)				
Thank	MANIFOLD Swide @ 275,000 MILV 30 @ 440 132.00				
in the second se	@				
CHARGETO: Ritchin Exploration Inc.					
•	TOTAL 215025				
STREET					
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT				
	@				
	@				
To: Allied Oil & Gas Services, LLC.	<u> </u>				
You are hereby requested to rent cementing equipment					
and furnish cementer and helper(s) to assist owner or					
contractor to do work as is listed. The above work was	TOTAL				
done to satisfaction and supervision of owner agent or	AVIOU				
contractor. I have read and understand the "GENERAL	SALES TAX (If Any)				
TERMS AND CONDITIONS" listed on the reverse side.	TOTAL CHARGES 12,109.45				
lan al ma	1 mm 1 1				
PRINTED NAME FORMATE WATER	DISCOUNT 3, 705.17 IF PAID IN 30 DAYS				
line Loto	9.324.27Net.				
SIGNATURE Wyne Po	1,0000				
V					