Confidentiality Requested: Yes No

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

1100824

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: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Producing Formation:
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 Plug Back Conv. to GSW Commingled Permit #: Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: Lease Name:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date 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 II III Approved by: Date:						

	Page Two	1100824
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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).

Drill Stem Tests Taken Yes (Attach Additional Sheets)		Yes No	L	og Formatio	n (Top), Depth an	d Datum	Sample	
Samples Sent to Geolog		Yes No	Nam	e		Тор	Datum	
Cores Taken Electric Log Run		Yes No						
List All E. Logs Run:								
		CASING Report all strings set-c			on, etc.			
Purpose of String			Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	s Used Type and Percent Additives				
Protect Casing								
Plug Off Zone								
Did you perform a hydraulic	Did you perform a hydraulic fracturing treatment on this well?							
	,	Iraulic fracturing treatment ex	, 0			question 3)		
Was the hydraulic fracturing	treatment informatio	n submitted to the chemical c	lisclosure registry?	Yes	No (If No, fill o	out Page Three o	of the ACO-1)	

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated			F	Depth					
Siz	e:	Set At	:	Packe	r At:	Liner R		No	
d Productio	on, SWD or ENH	۶.	Producing Meth		ping	Gas Lift	Other (Explain)		
	Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
ION OF G	AS:		Ň	IETHOD (OF COMPLE	TION:		PRODUCTION IN	TERVAL:
			Open Hole	Perf.		CO-5)	Commingled (Submit ACO-4)		
1	ION OF G	Size: Size: Droduction, SWD or ENHF Oil Bb	Specify Footage of Size: Set At Size: Set At Oil Bbls. ION OF GAS: d Used on Lease	Specify Footage of Each Interval Periods Size: Set At: Size: Set At: OProduction, SWD or ENHR. Producing Meth Flowing Oil Bbls. Gas ION OF GAS: OPen Hole Open Hole	Specify Footage of Each Interval Perforated Size: Set At: Packer Size: Set At: Packer Oroduction, SWD or ENHR. Producing Method: Flowing Pump Oil Bbls. Gas Mcf ION OF GAS: METHOD of d Used on Lease	Specify Footage of Each Interval Perforated Size: Set At: Packer At: Size: Set At: Packer At: Oroduction, SWD or ENHR. Oil Bbls. Gas Mcf Wate ON OF GAS: ON OF GAS: Open Hole Perf. Dually (Submit A	Specify Footage of Each Interval Perforated Specify Footage of Each Interval Perforated Size: Size: Set At: Production, SWD or ENHR. Production, SWD or ENHR. Production SWD or ENHR. Oil Bbls. Gas METHOD OF COMPLETION: d Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-5)	Specify Footage of Each Interval Perforated (Amount and Kind (Amount and Kind (Amount and Kind Size: Set At: Size: Set At: Packer At: Liner Run: Yes [] d Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Mcf Water Bbls. ION OF GAS: METHOD OF COMPLETION: d Used on Lease Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) [Submit ACO-4]	Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) (Amount and Kind of Material Used) Size: Set At: Size: Set At: Packer At: Liner Run: Yes No I Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Mcf Water Bbls. Gas Mcf Vater Bbls. Gas: METHOD OF COMPLETION: Used on Lease Open Hole Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) Commingled Commingled

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

RITCHIE EXPLORATION, INC. Wichita, Kansas

#1 Heskamp 16A

955' FNL & 465' FEL 35' N & 135' W SE NE NE Section 16-26S-22W Ford Co., Kansas API# 15-057-20827-00-00 Elevation: 2395' GL, 2407' KB

o 1 m			Ref.
Sample Tops	1 4 (7)	1040	Well
Anhydrite	1467'	+940	-1
B/Anhydrite	1498'	+909	NA
Stotler	3498'	-1091	-11
Heebner	4130'	-1723	-12
Lansing	4247'	-1840	-13
Muncie Shale	4423'	-2016	-13
Stark Shale	4529'	-2122	-7
Hush. Shale	4580'	-2173	-5
BKC	4615'	-2208	-8
Marmaton	4620'	-2213	-8
Altamont	4668'	-2261	-10
Pawnee	4748'	-2341	-16
Fort Scott	4779'	-2372	-16
Cherokee Shale	4795'	-2388	-13
Huck	4864'	-2457	-14
Atoka Shale	4874'	-2467	-13
Mississippian	4896'	-2489	-2
RTD	5020'	-2613	

ALLIED OIL & GAS SERVICES, LLC 053440 Federal Tax I.D.# 20-5976804

	REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT: Liberal tra
	DATE D7-26-10 16 265 20W.	ALLED OUT ON LOCATION JOB START JOB FINISH
	HESKAMP WELL LOCATION N.E. F.	rd rs. Eard 155-
	CONTRACTOR IDuke TYPE OF JOB Surface	OWNER PRItable Exploration
	HOLE SIZE 12/14 T.D. CASING SIZE 85/8 24 TF DEPTH 364 fect TUBING SIZE DEPTH	CEMENT AMOUNT ORDERED 225.515 41 37.CC., 27. Obortonite
	DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM	COMMON 2, 2, 5, 5K @16.25 3656.25
	MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. PERFS.	$\begin{array}{c c} POZMIX & @ \\ \hline \\ GEL & H slc & @ 21.25 \\ \hline \\ CHLORIDE & 8 slc & @ 58.20 \\ \hline \\ HORIDE & 8 slc & 0 \\ \hline \\ \end{array}$
	DISPLACEMENT	ASC@
	PUMPTRUCK CEMENTER <u>R. CHAVEZ</u> CESAR CARE #549/950 HELPER Michael Cox 2	۵
	BULK TRUCK H456/2,51 DRIVER Jesus 3 BULK TRUCK	@@
	# DRIVER	@ HANDLING <u>237 ≤ K</u> @2.25 533.25 MILEAGE ≤ K M
	REMARKS: MIXT pump 225 sk A 37-CC,	11850 TOTAL 6043.60 SERVICE
	displacing b BBIS	DEPTH OF JOB 364-14
		PUMP TRUCK CHARGE 11 85.20
	-Thank you	MANIFOLD - head @202" 2004" Lught Uchele 50 @4" 200"
	CHARGETO: Ritchie Exploration	@ TOTAL <u>1935 **</u>
	CITYSTATEZIP	PLUG & FLOAT EQUIPMENT 8 ⁵ /8
		- <u>Leo Rubber plug</u> @ <u>112°°</u> <u>112°°</u> Battle plate @ <u>112°</u> <u>112°°</u>
	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 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	TOTAL 224.00
	TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any). 352.25 TOTAL CHARGES 8203.40
	- (- 0 0	CONTROL CHARGES IF PAID IN 30 DAYS
:	SIGNATURE SERVICE	Net= 6562.72
ţ		

FIELD SERVICE TICKET 1718 06854 A

.



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

PRESS	URE PUMPI	NG & WIRELINE			DATE TICKET NO.					
DATE OF 8-3-2		NEW WELL		PROD INJ		ISTOMER IDER NO.:				
CUSTOMER RITCHIE EXPLORATION					LEASE H	ESK	AMP	16A	WELL NO.	
ADDRESS					COUNTY	FOR	\mathcal{D}	STATE KS .	BERNELSKAL CHEMINEN HER BERNELSKE BERNELSKE BERNELSKE BERNELSKE BERNELSKE BERNELSKE BERNELSKE BERNELSKE BERNEL	
CITY STATE					SERVICE C	REW / C	SLEY, MA	PLUEZ, PIER	sonl	
AUTHORIZED BY					JOB TYPE:	$C \lambda$	(u)	PTA		
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQI	JIPMENT#	HRS	TRUCK CALLE	D 9-3-12	AM 4 TIME	
37586	2						ARRIVED AT J	ОВ (AM 7:00	
19289-19243	2						START OPERA		£₩8:45	
19831-19262							FINISH OPERA	TION (AM 10:45	
	-						RELEASED		AM /1 45	
	+ - +					+	MILES FROM S	STATION TO WELL	85	
							3			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP. the SIGNED:// - E-

121		-	(WELL OWNER	R, OPERATOR, CON	TRACTOR OR AGE	ENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	-
CP 103	60/40702	SK	250		- Carlo frances	<u>x</u>
CC 102	CEUFLAKE	16	63		233	10
CC.aug	CEMENT GEL		430		01	$\overline{\Omega}$
EIas	PICKUPMILEAGE	MI	85		and the second s	24
E 101	HEAVINEQUIPMENT MILLEAPE	MI	170			\propto
E 113	BUXK DELIVERY CHARGE	<i>Tw1</i>	914		1,4/02	$\underline{\alpha}$
CE 202	DEPTH CHARGE KOI'- 2000	HR	1-4		1,500	<u>č</u> .
CF QUO	BLENDING SERVICE CHARGE	<u>SK</u>	25%		1350	(2)
5 003	SERVICE SUPERVISOR	ĒA.			125	\propto
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				SUB TOTAL	1.2011	14
СН	EMICAL / ACID DATA:			<u>NLS</u>	10001	

CHEMI	CAL / ACID D/	ATA:	
	1 1		

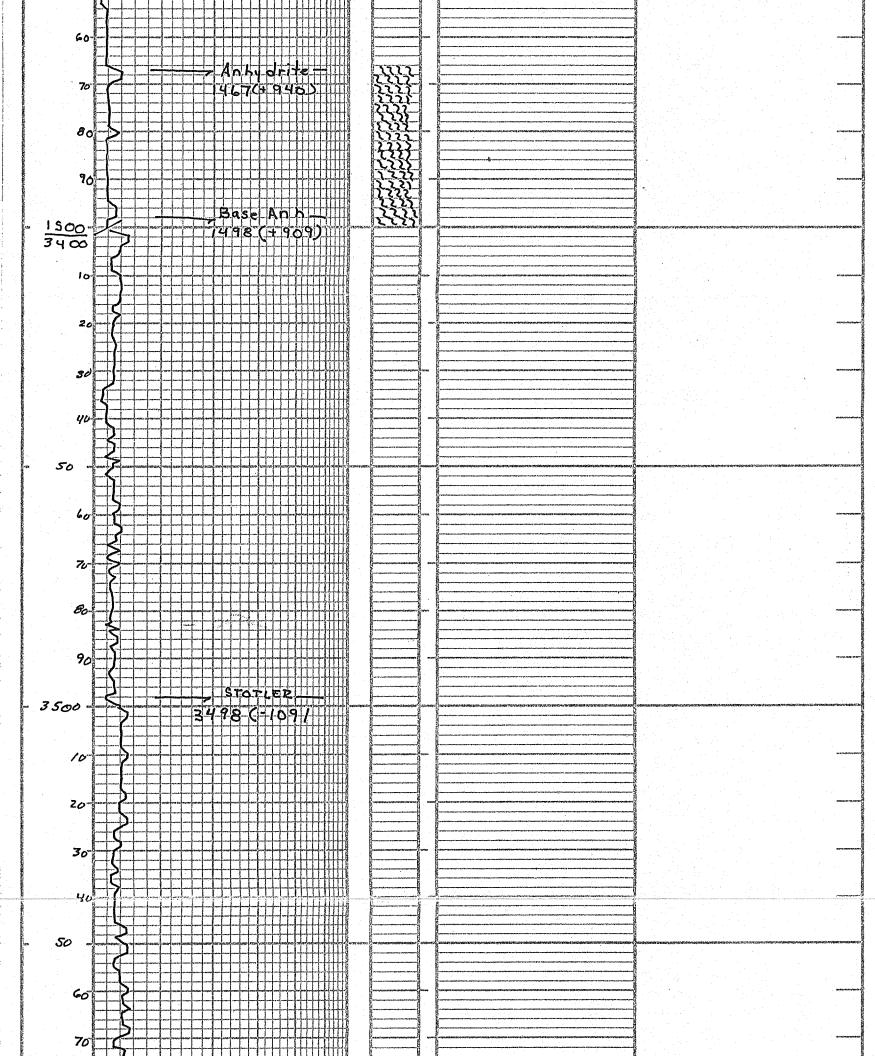
	<u>NLS</u>	10901
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
	TOTAL	1

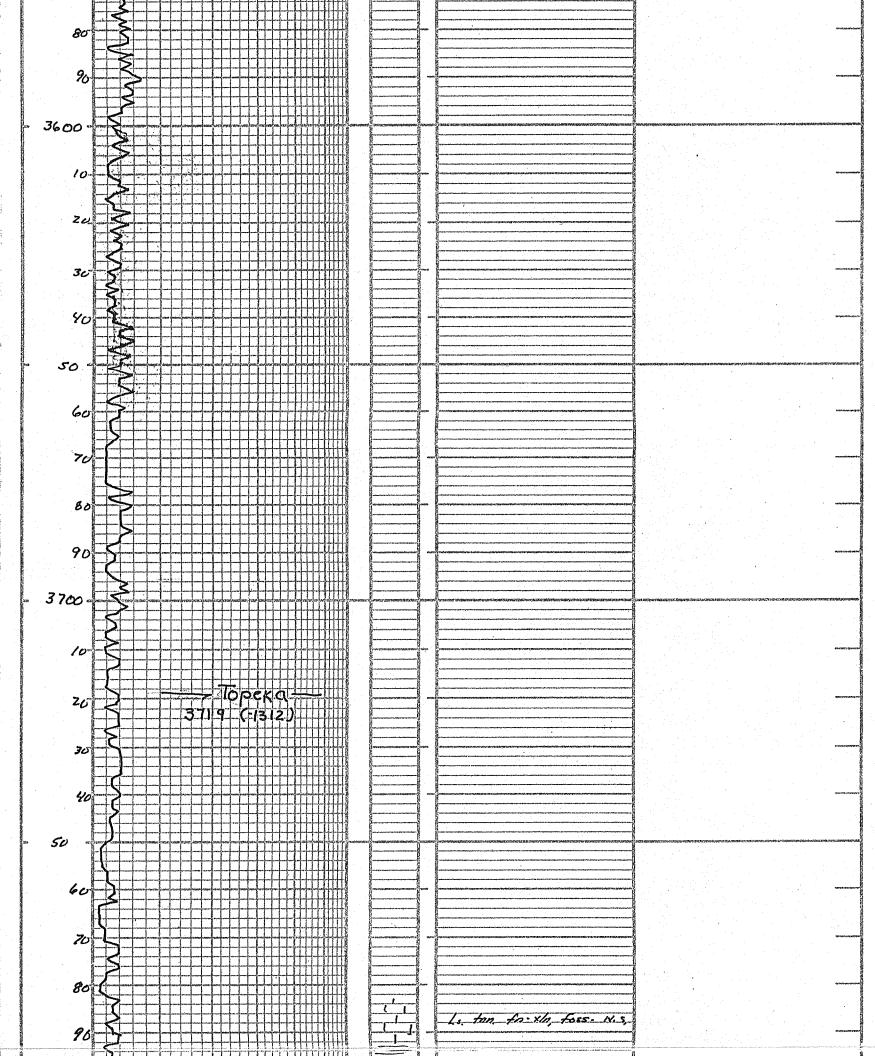
SERVICE REPRESENTATIVE	Norta V	Fisher	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVE		Harlow
FIELD SERVICE ORDER	NO.	17	(WELL O	WNER OPERATOR CON	ITRACTOR OF AGENT

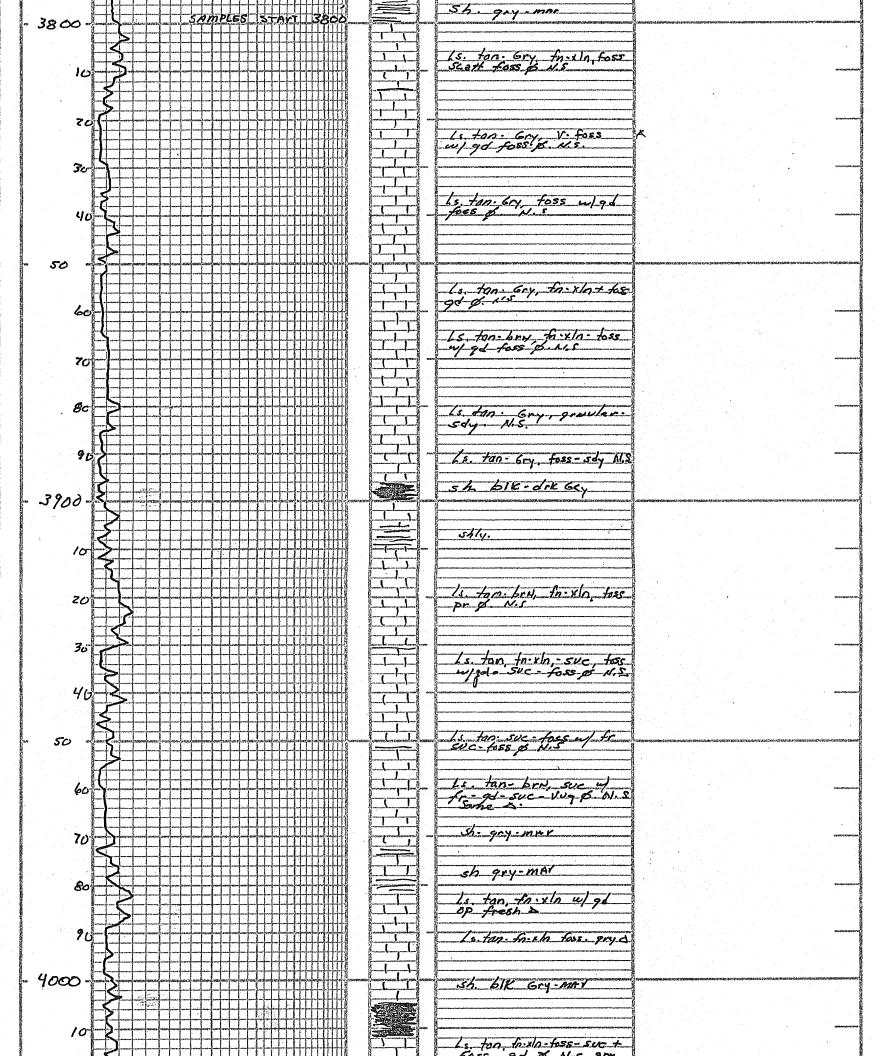
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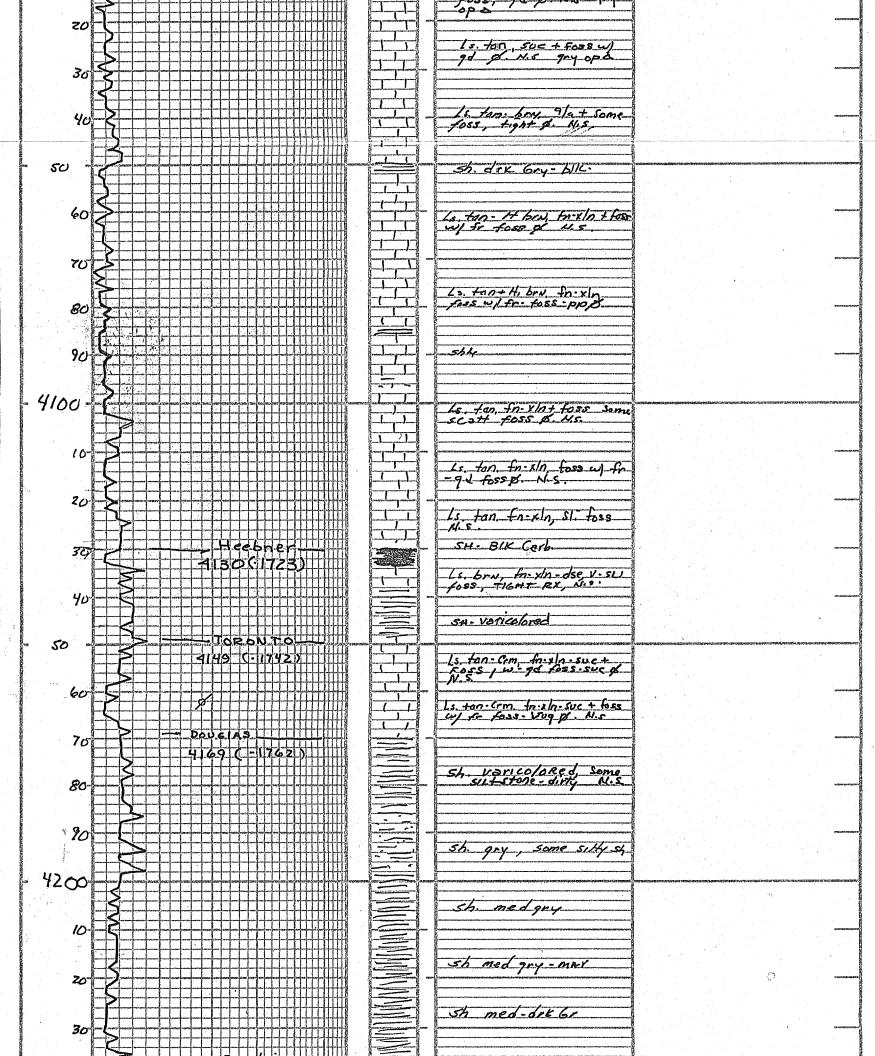
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d'i ff				3	4850 ds7 41		8-01-2612		OPERATOR RITCHIE EXPLORATION, INC.
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				wirs - 2000000	12 dr 19		7-28-2012		316-265-6431
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4890	HC-21	Vare)	77/8	- 2	4 sorface	1.22.2012 344	7.26.2012		P.O. Box 503
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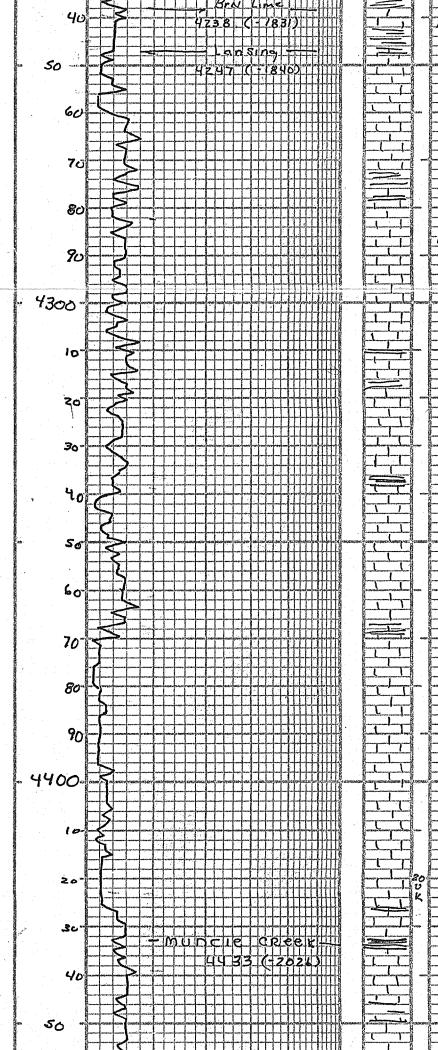
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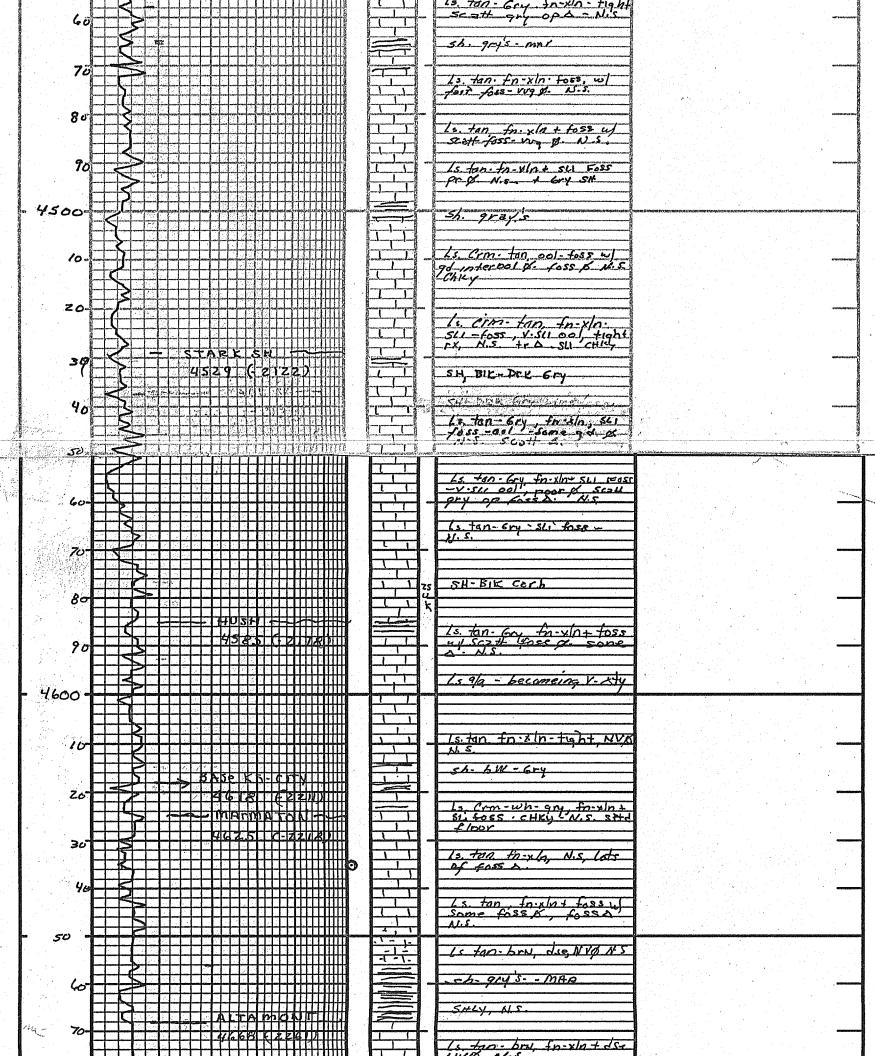


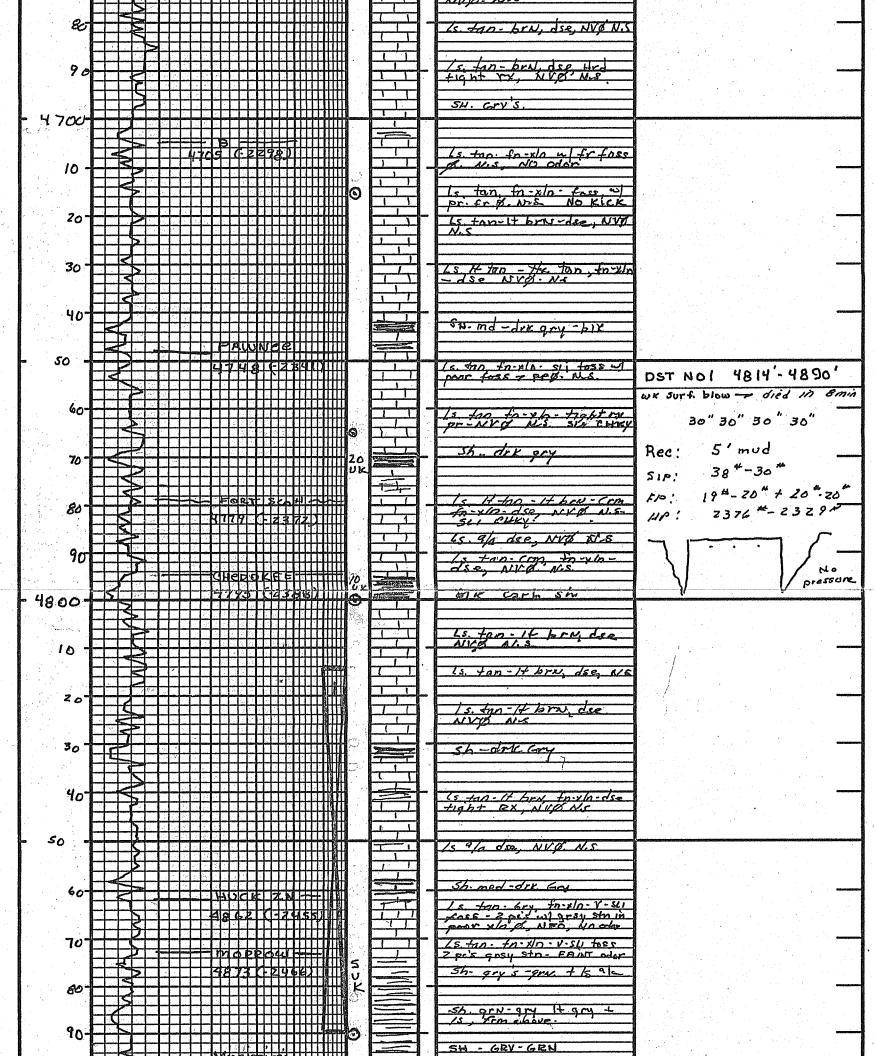


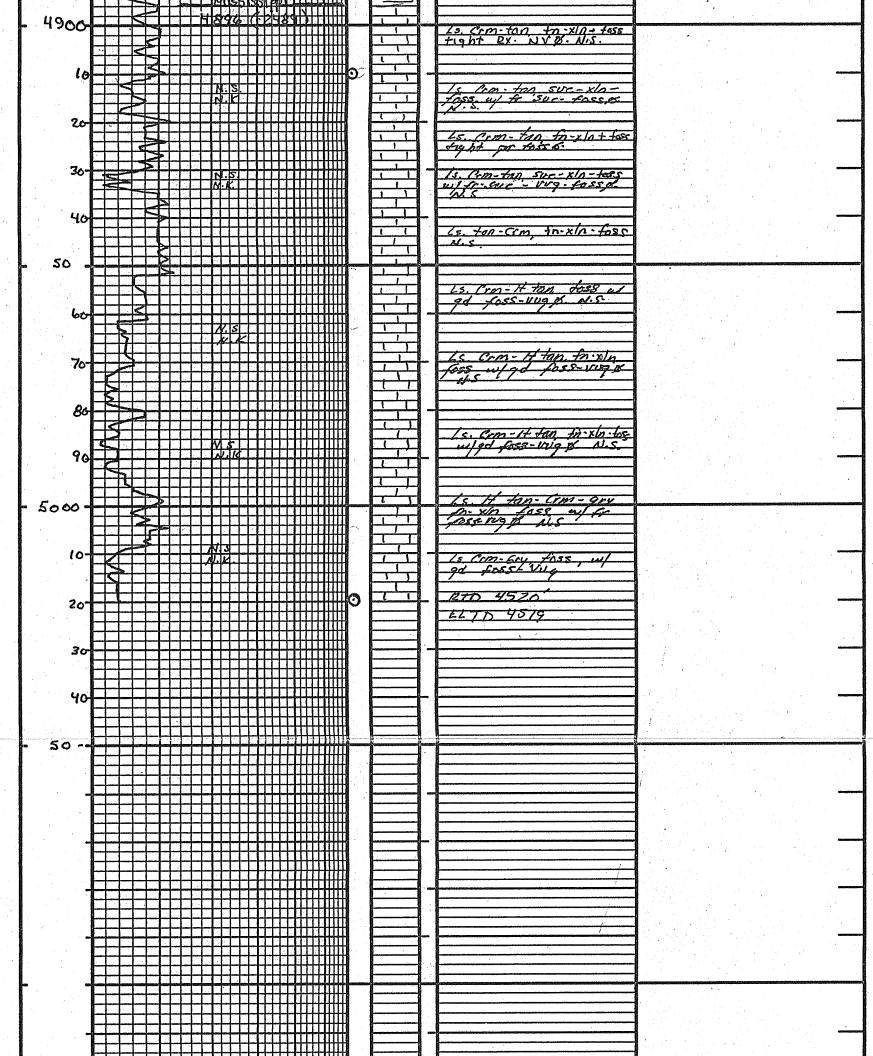


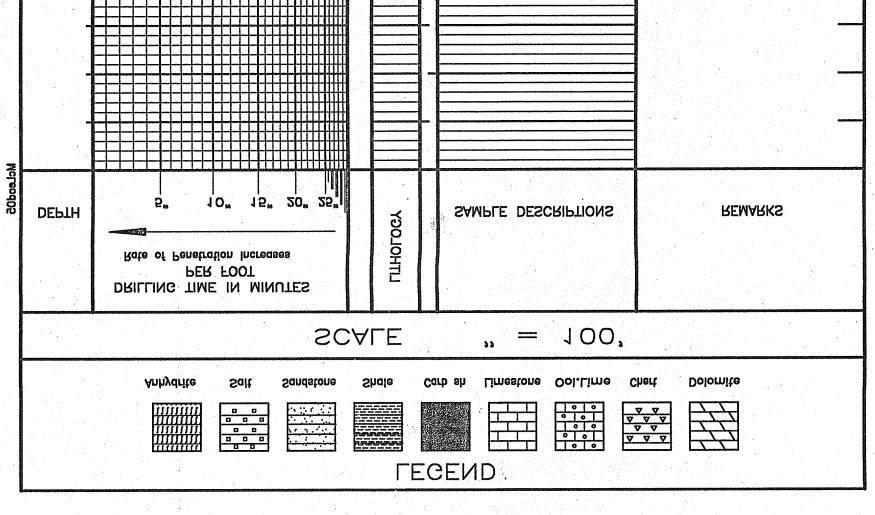


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Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

November 13, 2012

John Niernberger Ritchie Exploration, Inc. 8100 E 22ND ST N # 700 BOX 783188 WICHITA, KS 67278-3188

Re: ACO1 API 15-057-20827-00-00 Heskamp 16A 1 NE/4 Sec.16-26S-22W Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, John Niernberger