Confidentiality Requested: Yes No

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

1171115

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.gxxx.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:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GRAN GRANN G	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
·	If Alternate II completion, cement circulated from:
Operator:	feet depth to:w/sx cmt.
Well Name:	w/sx cm.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Plug Back Conv. to GSW Conv. to Producer	
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
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	1
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 (Attach Additional She	eets)	Yes No		.og Formatio	g Formation (Top), Depth and Datum				
Samples Sent to Geolog	,	Yes No	Nam	е		Datum			
Cores Taken Electric Log Run		Yes No							
List All E. Logs Run:									
		CASING Report all strings set-c	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 / SQU	JEEZE RECORD					
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives			
Protect Casing Plug Back TD									
Plug Off Zone									
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No. skip	o questions 2 an	d 3)		
Does the volume of the total	0			o question 3)	/				

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated								ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F	Run:	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	۶.	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	bls. Gas Mcf			Water Bbls.			Gas-Oil Ratio	Gravity
DISPOSITI	DISPOSITION OF GAS:				METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
	Vented Sold Used on Lease				Perf.	Dually (Submit)	r Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su		Other (Specify)								

Yes

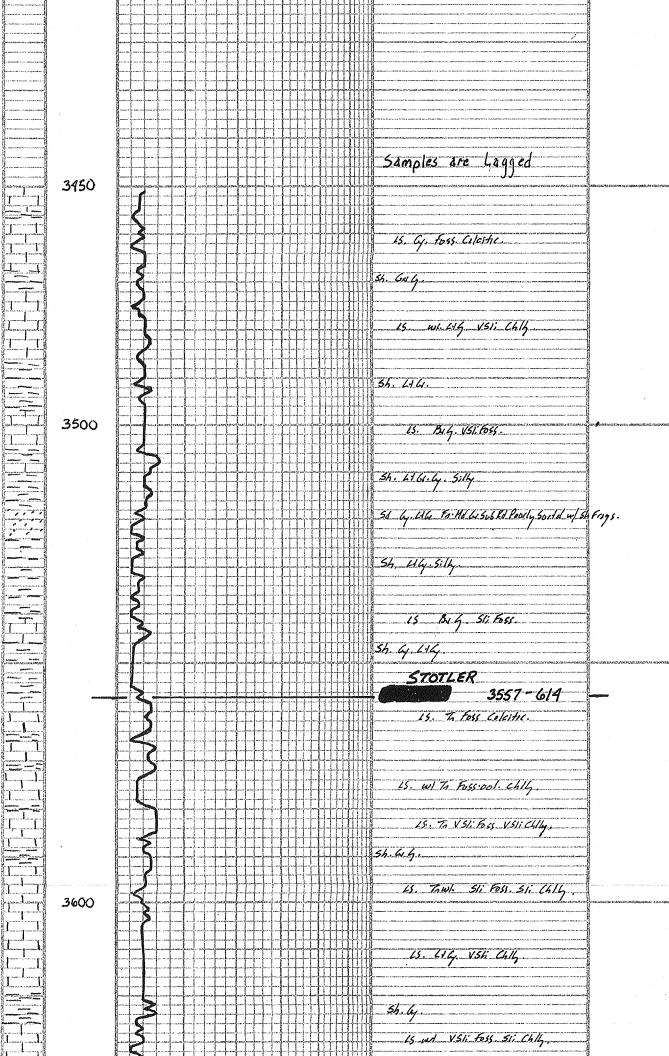
No

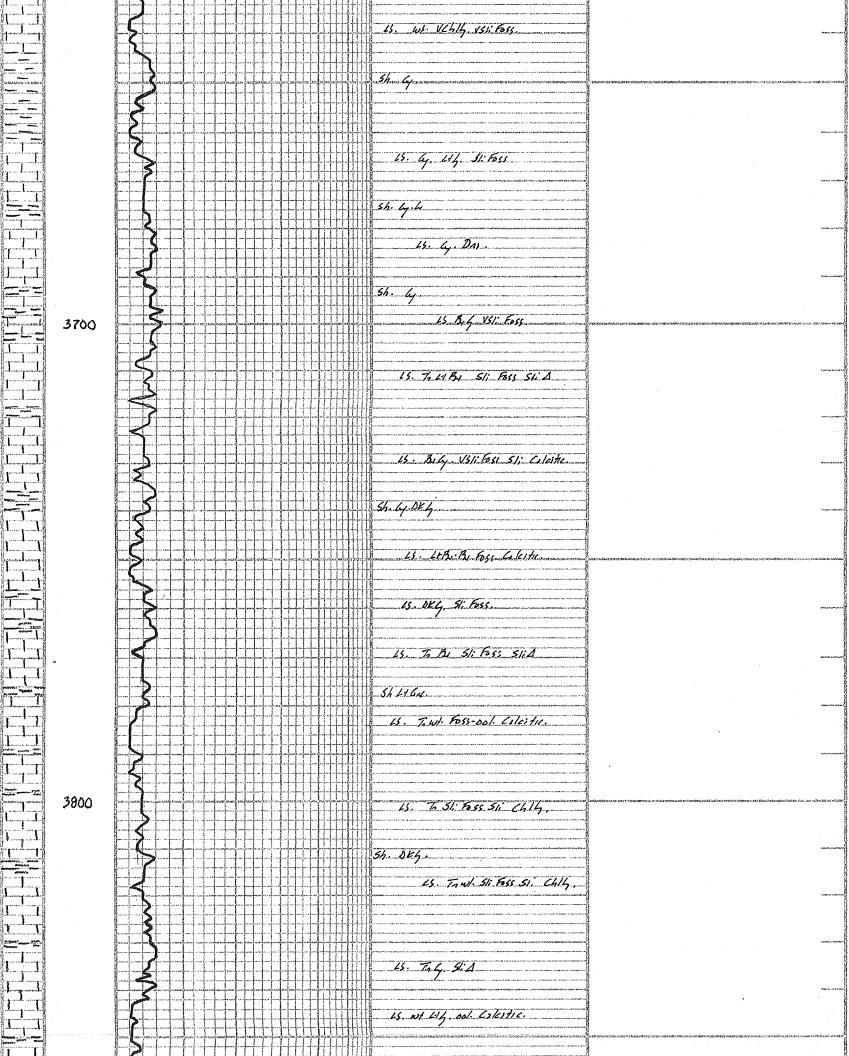
(If No, fill out Page Three of the ACO-1)

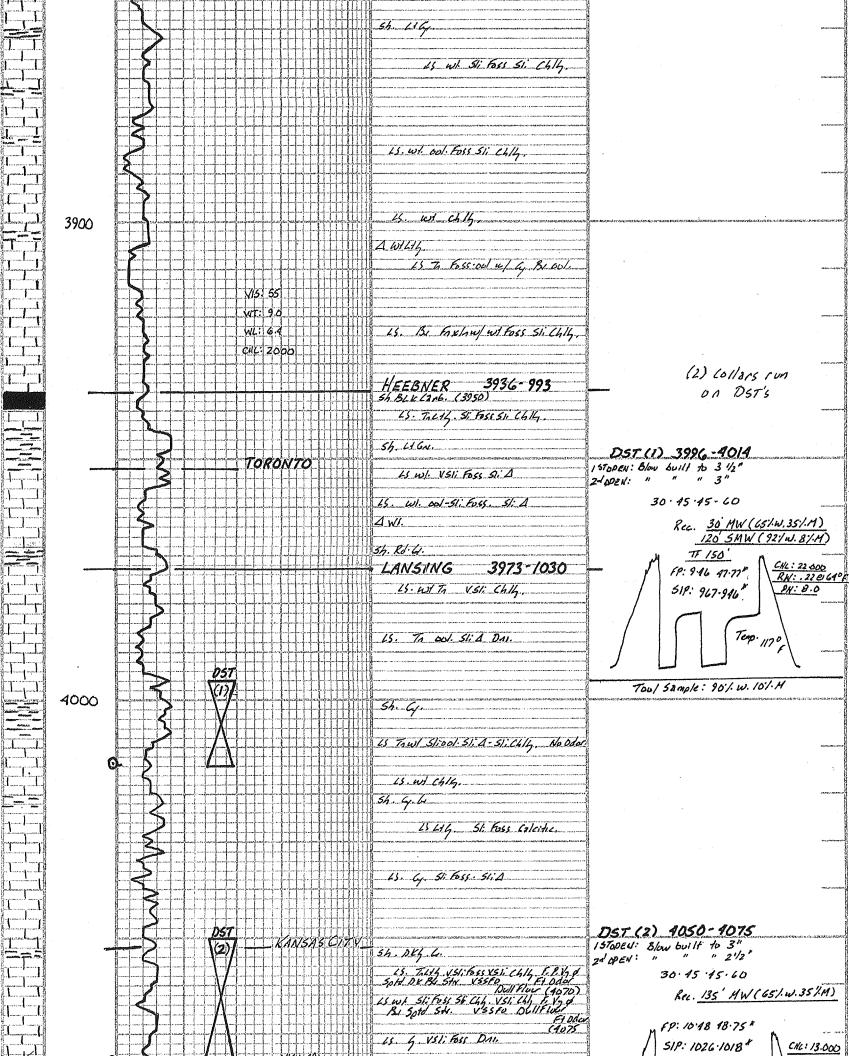
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

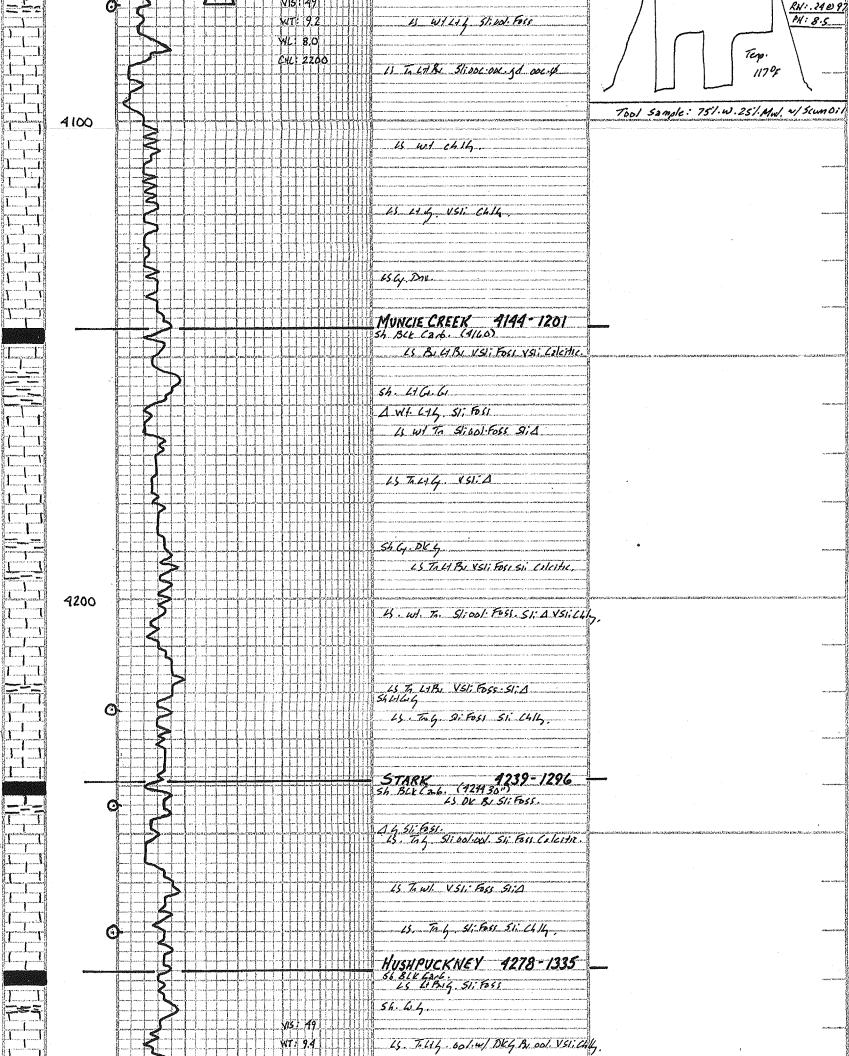
(HEROKEE 4542-1317 MISSISSIPPI 4618-1675						STOTLER 3556-613	ANNYDRITE 2220522	FURMATION TOPS		GFOLOGIST ON WELL KIM S. SHOEMAKER	GEOLOGICAL SUPERVISION FROM	SAMPLES EXAMINED FROM	DRILLING TIME KEPT FROM	SAMPLES SAVED FROM	MUD UP 3399 TYPE MUD CA	RTD 4770 LTD 4772	SPUD 8-10-13 COMP 8-19-13	CONTRACTOR WW DRILLING, RIG	COUNTY SCOT STATE KAN	SEC TWSP16_S RGE31.w	LOCATION 485 ENL 4 1180 FWL	FIELD WILDCAT	LEASE * 1 HUSEMAN 208	COMPANY RITCHIE EXPLORATION, INC.	GEOLOG ST'S	316-684-9709	CONSULTING		
4617-1674	498-1555		4239-1296 20	3973-1030	\$66 - 1265	3557 - 614		JAMPLED		emaker	3700 10 4770	3450 TO 4770	3450 TO 4770	3450 TO 4170			70	8 CASING SURFACE 85/8"0 225'	KANSAS From 2943 KB	Measu			29 <b>45</b>	<b>ILEVATIONS</b>	ID SAMPLE INC	" WICHILA,KS	C	S TO NAKER	
REMA 8-10-1 8-11 1 8-12 0 8-13 0 8-14 0 8-14 0 8-14 0 8-16 0 8-17 0 8-18 0	3 2 2 2 2 2 2 2 4 2 4 2 4	6 PU 3 II 2 3 6 3 2 6 3 2 6 3 8 6 1 0 4 5 9 0 7 3 3	5' 5' 5'																		AP1:		17/	2094.8					
SH0E01-06		Stry webber	******		paran.	<b>H</b>	inn inn inn inn		6		] [	andsl	one	Sh			E rb el		nesto		Ool.l.	0		ΔĂ	Dolomite		RECORD	an far an	tifes
LTHOW		,	*******			1		of	) Til PE Pene	ER	FOO	T		S		5,9Marries, 10,900,20		eretanologian 1	44900000000000000000000000000000000000	<b>17303</b> 5456438	******				janiaau leene ameerika usu kanse j	1997-1996 2004 2014 2014	no (sem ( se desenvador))	aðnni veir segur Agun Galav Ri	tan.

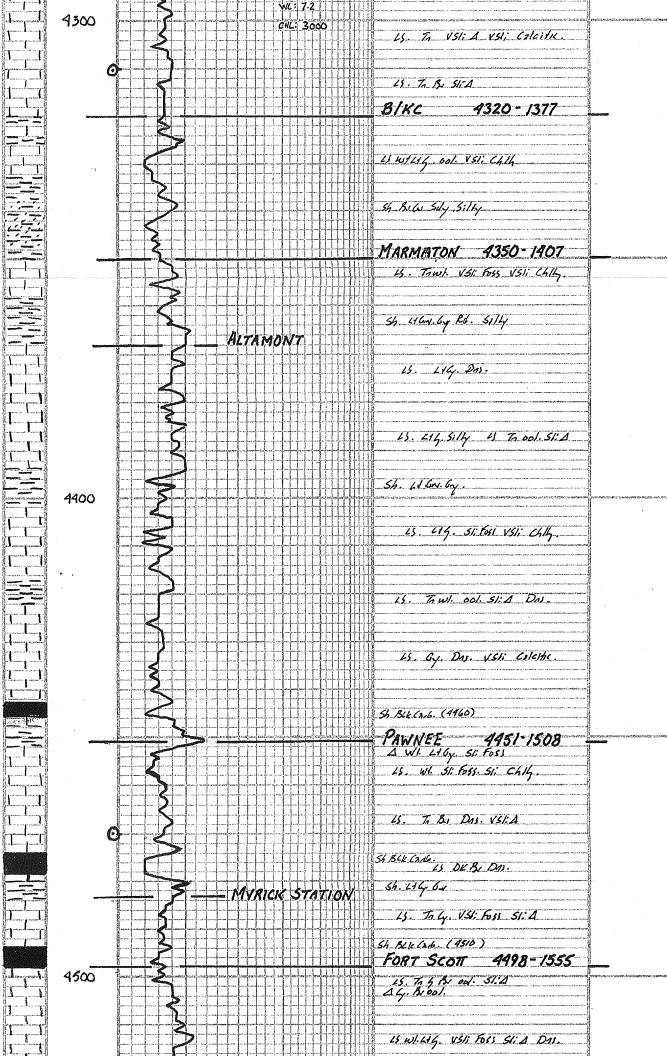
ğ 10" 15" 20" 25" 5" DEPTH SAMPLE DESCRIPTIONS REMARKS 2300 ╶┼╍╉┾╍╎╴┾╍┖╍┿┥┽ ANHYDRITE 2347 + 596 3/11/2 3/11/2 3/11/2 3/11/2 3/11/2 3/11/2 3/11/2 3/11/2 3/11/2 3/11/2 2347+5% 2400 2450

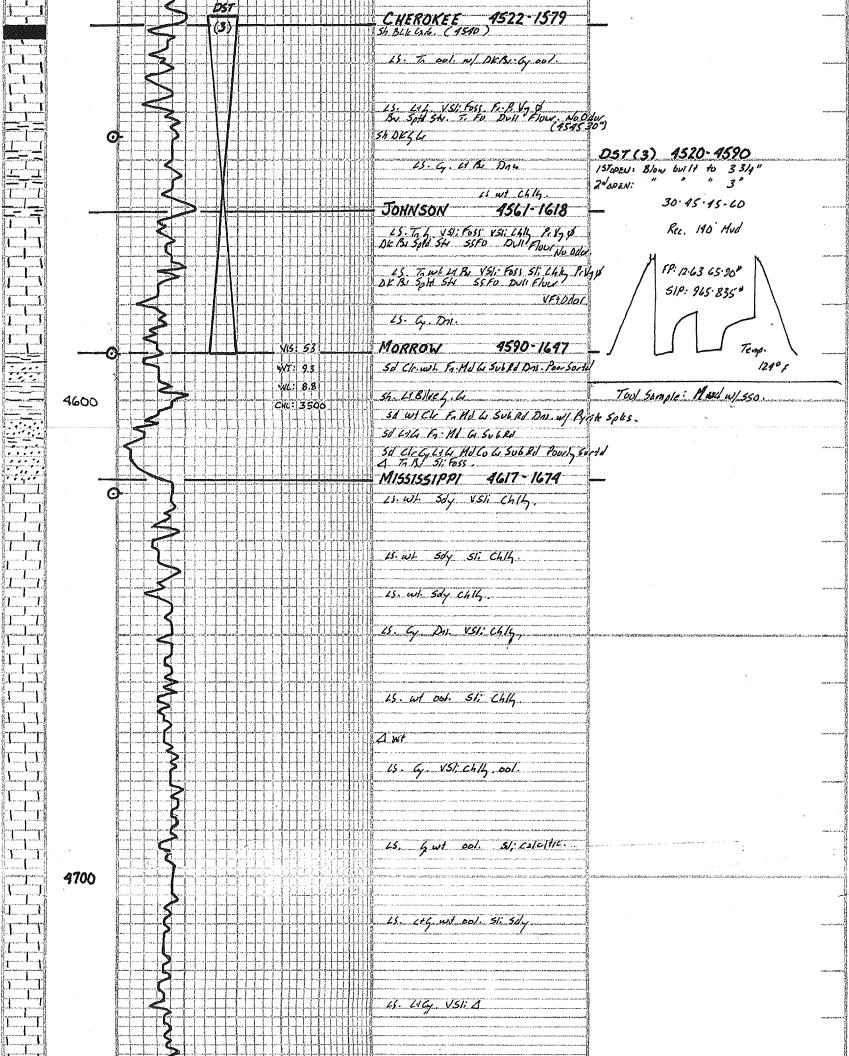


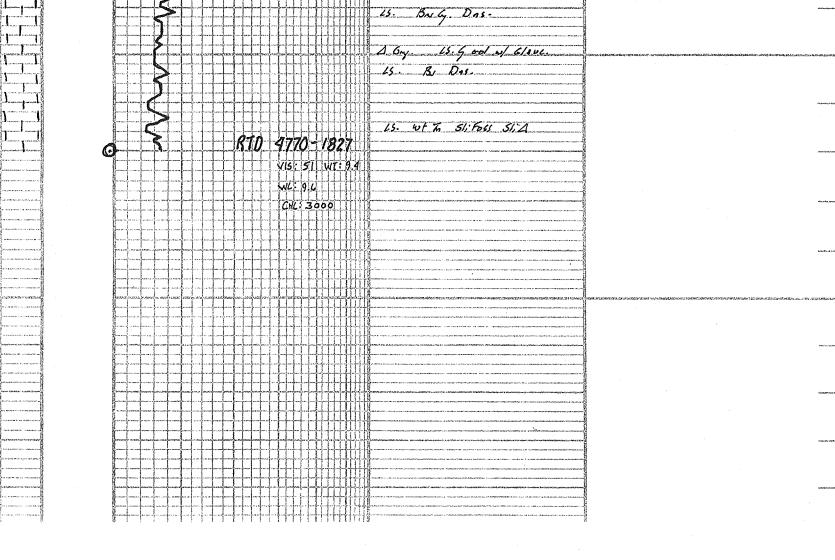














## #1 Huseman 20B

485' FNL & 1180' FWL 155' S & 140' W of N/2 N/2 NW Section 20-16S-31W Scott County, Kansas API# 15-171-20968-0000 Elevation: 2938' GL, 2946' KB

4770'

-1827

			Ref.
Sample Tops			Well
Anhydrite	2348'	+595	-9
B/Anhydrite	2368'	+575	-9
Stotler	3557'	-614	-10
Heebner	3936'	-993	-11
Lansing	3973'	-1030	-10
Muncie Shale	4144'	-1201	+1
Stark Shale	4239'	-1296	+3
Hush	4278'	-1335	+6
BKC	4320'	-1377	+4
Altamont	4368'	-1425	+6
Pawnee	4451'	-1508	+4
Fort Scott	4498'	-1555	+3
Cherokee Shale	4522'	-1579	+3
Johnson	4561'	-1618	+4
B/Johnson	4590'	-1647	+4
Morrow Sand	4604'	-1661	+8
Mississippian	4617'	-1674	+6

RTD

ALLIED OIL & GA	S SERVICES, LLC 060217
	D.#20-8651476
REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SERVICE POINT; Daklay, Ko
BATE 8 1073 20 16 31	ALLED OUT ONLOCATION JOB START. JOB FINISH 230 m From Storm
LEASE 203 WELLA LOCATION HEALY	Tof they 4, 8E, COUNTY STATES
	Winto
CONTRACTOR LUCU #8 TYPB OF JOB PTA	OWNER Scarce
TYPE OF JOB P774 HOLE SIZE 278 T.D. \$770	CEMENT
CASING SIZE DEPTH	AMOUNT ORDERED 280 5/49
TUBING SIZE DEPTH DRILL PIPE 4/ YZ- DEPTH 23701	- 7 10graf 14 + +10-5604
TOOL DEPTH	
PRES. MAX MINIMUM MEAS, LINE SHOE JOINT	COMMON <u>//29/90 3002.20</u> POZMIX //29/49 @ 233 1042.20
CEMENT LEFT IN CSG.	GEL 105/2 @ 13.40 234.00
PERFS.	CHLORIDE @@
DISPLACEMENT 26,59 B61 EQUIPMENT	ASC
	· · · · · · · · · · · · · · · · · · ·
PUMPTRUCK CEMENTER hat are Ereitente	@@
#423/281 HELPER Paul Beaver	@
BULKTRUCK H396/306 DRIVER Elio Cano	@
BULK TRUCK	@ @
#DRIVER	HANDLING 300, 22 473 @ 2.48 745.29
	MILEAGE 12 56 154 X 43X 2,60 1969.52
REMARKS: Mic SOSKI at 23701	TOTAL 6711, 61
mix SUSFS at Kogol	SERVICE
MN 505K) at 8401	00-1
MOV 505/0 at 2701	DEPTH OF JOB <u>373</u> PUMP TRUCK CHARGE 2483,59
plug Rilf 305KS	EXTRA FOOTAGE @
	MILBAGE MITHU X/5@ 7.70 346.50
· · · · · · · · · · · · · · · · · · ·	MANIFOLD 4/5 @ 4,40 198.00
Δ.	<u></u> @
CHARGE TO: Rifelie Exploration	
STREET	TOTAL 302809
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	@
· ·	@
To: Allied Oil & Gas Services, LLC.	@ @
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	@
and formish comenter 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	TOTAL
contractor. I have read and understand the "GENBRAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
PERMAS AND CONDITIONS INSTEED ON THE LEAGUESE SIDE.	TOTAL CHARGES 9,739.70
PRINTED NAME SId Dertscher	DISCOUNT IP PAID IN 30 DAYS
SIGNATURE A LAND DUTATA	7,499.56 Net.
Comparate the	
	$\cap$
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	GAS-SERVICES, LLC 061740
REMIT TO P.O. BOX 93999	SEMAN ZOBI SERVICE POINT: SEMAN ZOBI SHEAT BEAR HL
DATES-10-13 SEC. TWP. RANGE	CALLED OUT ON LOCATION JOB START JOB FINISH
LEASE WELL # 20 B # LOCATION H	eally Twent, 4 womenty Scott Ka
OLD OR NEW (Circle one)	the transformer that the the test
CONTRACTOR WWW Drily	
TYPE OF JOB Sundace	OWNER Same
HOLE SIZE 12'4 T.D. J37	CEMENT
CASING SIZE 5/8 DEPTH 372	AMOUNT ORDERED 1105 Alachan A
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	3/20. , 2, 20 As)
TOOL DEPTH	
	COMMON_165
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. 15'	POZMIX@
	GEL <u>3</u> @ 23, 40 70, 20
PERFS.	CHLORIDE 6 @ 64.00 384.00
DISPLACEMENT 13/2	ASC@
EQUIPMENT	@
	@
PUMPTRUCK CEMENTER Two Ducker	@
#3/de HELPER Bun Nowell	@
BULK TRUCK	·@@
#344-170 DRIVER Den Conner	@, (@,
BULK TRUCK	@
# DRIVER	HANDLING 178.24 @ 2.48 442.03
	MILEAGE 8.13 X 40 X 2.60 845.52
REMARKS: Ron 222' of 358 cm. Broke Circula Mined 165 re clay + 3500 25 Duyloced with 420.	Total <u>4.695.25</u> stor service
	DEPTH OF JOB 232
	PUMP TRUCK CHARGE /512. 25
v	EXTRA FOOTAGE @
Cement Ded Circulate.	MILEAGE NUM 40 @ 7.70 308.00
	MANIFOLD @
	LUM YO @ 4.40 176.00
	@
CHARGE TO: Ritchie Exploration	TOTAL 1.996.25
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	@
	@
To: Allied Oil & Gas Services, LLC.	@
You are hereby requested to rent cementing equip	ment@
and furnish cementer and helper(s) to assist owner	
contractor to do work as is listed. The above work done to satisfaction and supervision of owner ager	t or TOTAL
contractor. I have read and understand the "GENI	

TERMS AND CONDITIONS" listed on the reverse side.
Sed Wats kl
PRINTED NAMEX SPOLUMA OPER
VI a Mall HEA
SIGNATURE SIGNATURE

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

December 02, 2013

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

Re: ACO1 API 15-171-20968-00-00 Huseman 20B 1 NW/4 Sec.20-16S-31W Scott 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, Peter Fiorini