## KANSAS CORPORATION COMMISSION ORIGINAL

### WELL COMPLETION **WELL HISTORY - DESCRIPTION O**

DIVISION	Form Must Be Type
FORM FWELL & LEASE	1/04/11
15 - 063-21790-00-00	
escription: 7' S & 62' W of C	
w_NW_SW_Sec. 28 Twp. 13 S. R. 3	1 ☐ East 🗸 West
Peet from North / 🕡	South Line of Section

OPERATOR: License # 4767	API No. 15 - 063-21790-00-00
Name: Ritchie Exploration, Inc.	Spot Description: 7' S & 62' W of C
Address 1: P.O. Box 783188	NIM NIM CIM - 29 - 12 - 21
Address 2:	2482 Feet from ☐ North / ☐ South Line of Section
City: Wichita State: KS Zip: 67278 + 3118	
Contact Person: John Niernberger	Footages Calculated from Nearest Outside Section Corner:
Phone: (316 ) 691-9500 CONFIDENTIAL	□ NE □ NW □ SE ☑ SW
CONTRACTOR: 1:0000 # 30606	County: Gove
Name: Murfin Drilling, Co., Inc.	Lease Name: Hess-Shipley Well #: 1
Wellsite Geologist: Brad Rine	Field Name:
Purchaser: NCRA	Producing Formation: LKC
Designate Type of Completion:	Elevation: Ground: 2848 Kelly Bushing: 2853
New Well Re-Entry Workover	Total Depth: 4618 Plug Back Total Depth: 4579
✓ Oil SIOW	Amount of Surface Pipe Set and Cemented at: 220 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?   ✓ Yes   No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: 2314 Feet
Dry Other	If Alternate II completion, cement circulated from:surface
(Core, WSW, Expl., Cathodic, etc.)	feet depth to: 2314 w/ 330 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	(Data must be collected from the Reserve Pit)
Well Name:	
Original Comp. Date: Original Total Depth:	
Deepening Re-perf Conv. to Enhr Conv. to S Plug Back: Plug Back Total Depth	Dewatering metriod used. CVaporation
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.:	
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
7/16/09 7/25/09 7/25/09	QuarterSecTwpS. R East West
Spud Date or Recompletion Date  Date Reached TD  Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be file Kansas 67202, within 120 days of the spud date, recompletion, workow of side two of this form will be held confidential for a period of 12 month	and with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information is if requested in writing and submitted with the form (see rule 82-3-107 for confidengist well report shall be attached with this form. ALL CEMENTING TICKETS MUST 111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to require complete and correct to the best of the knowledge.	gulate the oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
Title: Production Manager Date: 11/4/09	Letter of Confidentiality Received
Subscribed and sworn to before me this 4 day of Nova	If Denied, Yes Date:
20 <u>b9</u> DEBRA K Notary Public -	PHILLIPS State of Kansas  Wireline Log Received  RECEIVED
Notary Public: My Appt. Expires 5	9511
Date Commission Expires: 5-4-11	NOV 0 5 2009

Operator Name: Rito	hie Exploration, In	C.	Lease Name: _	Hess-Shipley		Well #: _1	
Sec. 28 Twp. 1			County: Gov	е			
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen it-in pressures, whether s est, along with final chart( report.	hut-in pressure rea	ached static level	l, hydrostatic pr	essures, bottom	hole temperature, fluid
Drill Stem Tests Taker (Attach Additional		✓ Yes		og Formatio	on (Top), Depth	and Datum	✓ Sample
Samples Sent to Geo		☑ Yes ☐ No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)	\	Yes ✓ No ✓ Yes ☐ No	cineNTIÁ	SEE	E ATTACHED		
List All E. Logs Run:		COM	0000				
Dual Induction Compensate	on Log d Density/Neu	tron Log	FIDENTIA V 0 4 2009 KCB				
		CASING Report all strings set-	RECORD	<del>-</del>	tion 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
Surface	12-1/4	8-5/8	23	220	common	165	3%cc, 2%gel
Production	7-7/8	5-1/2	15.5	4613	ASC	200	10% salt, 2% gel & 3/4% CD-31
		ADDITIONAL	L CEMENTING / SC	UEEZE RECORI	)		
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used		Туре а	nd Percent Additive	S
Plug Back TD Plug Off Zone							
Shots Per Foot		ION RECORD - Bridge Pluç				nent Squeeze Reco	
		Footage of Each Interval Per	rforated	(,	Amount and Kind o	Material Used)	Depth
4	4056' - 4060' (	6/13/09)				~~~	
						••	RECEIVED
					<u>.</u>	· · · · · · · · · · · · · · · · · · ·	NOV 0 5 2009
						lk.	CC WICHITA
TUBING RECORD:	Size: -7/8	Set At: 4569	Packer At:	Liner Run:	Yes 🗸	No	
Date of First, Resumed	d Production, SWD or En	nhr. Producing Met	thod:	ing 🗹 Pump	oing Ga	s Lift Ot	her (Explain)
Estimated Production Per 24 Hours	Oil 25.	Bbls. Gas	Mcf W	ater 16.7	Bbls.	Gas-Oil Ratio	Gravity 40
DISPOSIT	ION OF GAS:		METHOD OF COMP	LETION:		PRODUCT	ION INTERVAL:
Vented So	ld Used on Lease		Perf. Dua	lly Comp. 🔲 C	ommingled		
I //f vented S	ubmit ACO-18.)	Other (Specify) _			1		



#1 Hess-Shipley

2482' FSL & 103' FWL 7'S & 62'W of C NW NW NW SW Section 28-13S-31W Gove County, Kansas API# 15-063-21790-0000

Elevation: 2848' GL: 2853' KB

			ReSNFIDENTIAL
Sample Tops			Well
Anhydrite	2328'	+525	flat NUV 0 4 2009
B/Anhydrite			+2
Heebner	3846'	-993	-4 KCE
Lansing	3893'	-1040	-4
Lansing "C"	3927'	-1074	-5
Lansing "D"	3942'	-1089	-2
Muncie Shale	4041'	-1188	-5
Lansing "H"	4056'	-1203	-6
Lansing "I"	4087'	-1235	-6
Lansing "J"	4109'	-1256	-5
Stark Shale	4127'	-1274	-3
BKC	4200'	-1347	-4
Altamont	4248'	-1395	-4
Pawnee	4329'	-1476	-9
Myric Station	4364'	-1511	-9
Cherokee Shale	4409'	-1556	-9
Johnson	4450'	-1597	-8
Base Johnson	4472'	-1619	<b>-</b> 9
Mississippian	4494'	-1641	+3
RTD	4620'	-1767	
	Anhydrite B/Anhydrite Heebner Lansing Lansing "C" Lansing "D" Muncie Shale Lansing "H" Lansing "I" Lansing "J" Stark Shale BKC Altamont Pawnee Myric Station Cherokee Shale Johnson Base Johnson Mississippian	Anhydrite       2328'         B/Anhydrite       2350'         Heebner       3846'         Lansing       3893'         Lansing "C"       3927'         Lansing "D"       3942'         Muncie Shale       4041'         Lansing "H"       4056'         Lansing "I"       4087'         Lansing "J"       4109'         Stark Shale       4127'         BKC       4200'         Altamont       4248'         Pawnee       4329'         Myric Station       4364'         Cherokee Shale       4409'         Johnson       4450'         Base Johnson       4472'         Mississippian       4494'	Anhydrite       2328' +525         B/Anhydrite       2350' +503         Heebner       3846' -993         Lansing       3893' -1040         Lansing "C"       3927' -1074         Lansing "D"       3942' -1089         Muncie Shale       4041' -1188         Lansing "H"       4056' -1203         Lansing "I"       4087' -1235         Lansing "J"       4109' -1256         Stark Shale       4127' -1274         BKC       4200' -1347         Altamont       4248' -1395         Pawnee       4329' -1476         Myric Station       4364' -1511         Cherokee Shale       4409' -1556         Johnson       4450' -1597         Base Johnson       4472' -1619         Mississippian       4494' -1641

RECEIVED NOV 0 5 2009 KCC WICHITA

# ALLIED CEMENTING CO., LLC. 044113

REMIT TO P.O. BOX 31		SERV	ICE POINT:		
RUSSELL, KANSAS 67665			Ock les	KS	
DATE 7 08 09 28 TWP. RANGE CA	ALLED OUT	ON LOCATION	JOB START	JOB FINISH	
Man Chiefe		11:30 fm	CQUNTY CQUITY	STATE	
LEASE OF WELL# - LOCATION DAM CE	1153E55	Earinto	Gove	163	
QLD OR MEW (Circle one)			_		
CONTRACTOR EXPRESS Well Service	OWNER S	Same			
TYPE OF JOB POST Collar -	OTTO ATTO TO				
HOLE SIZE 7/18 T.D.  CASING SIZE 5/12 DEPTH	CEMENT	DERED <u>500 S</u>	We Lolu	0 1000 000	
CASING SIZE 5/2 DEPTH TUBING SIZE 2/2 DEPTH	14 ls Flo Se	ul		o i-gac	
DRILL PIPE DEPTH ,	500 16		le used	1330515	
TOOL PORT Collar DEPTH 2314		Soo	- 715	7 /5 (Fulls	•
PRES. MAX MINIMUM  MEAS LINE SHOE JOINT	COMMON_6	30	_@_/ <u>\$</u>	1040	-
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	GEL	17	@ 2/75E	353 00	
PERFS.	CHLORIDE_		_@		
DISPLACEMENT	ASC				
EQUIPMENT	Hulls 300/6-	- L C Ki	-@ <del>3/85</del>	19/10	
4/ 000	HUNES 11413	<i>67</i> /~i			
PUMPTRUCK CEMENTER HELDEN	TIA!		@		
# 422 HELPER Wayne NOV 0.4 2000	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				i
# 394 DRIVER Terry NOV 04 2009	9		_@ @		
BULK TRUCK  **  **  **  **  **  **  **  **  **					
# DRIVER	HANDLING _		@ 290	1278	• •
	MILEAGE 104	+ SK/mile		1082	-
REMARKS:			TOTAL	3053	
Tent to 1900 Hell Den Tool Take Kill,	oolb Hullo@60	OPSZ SERVI	CF		
Divlay 12/18BL Roma 10079, Clase 7001		SERVI			•
The state of the s	DEPTH OF JO	)B	23/4	,	
_ Our ,	PUMP TRUCK			1185	
Count Mil The off View	EXTRA FOOT MILEAGE	$\frac{\partial}{\partial \theta}$	_@ <i></i>	14120	
Circumstate Alexandrumse	MANIFOLD_		_ @	7,0	
Tench					
CHARGE TO: Ritchie Exploration			@		
CHARGE TO: KITCHIE Exploration				1325-0	<u>&gt;</u>
STREET			TOTAL	/325	
CITYSTATEZIP					
OH I		PLUG & FLOA	T EQUIPMEN	NT	
•			_ @		RECEIVED
To Allied Computing Co. LLC					INCCINED
To Allied Cementing Co., LLC.  You are hereby requested to rent cementing equipment		***	@		MOV 0 5 2009
and furnish cementer and helper(s) to assist owner or			@		
contractor to do work as is listed. The above work was			TOTAL	,	KCC WICHITA
done to satisfaction and supervision of owner agent or			IOIAL	·	
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" histed on the reverse side.	SALES TAX (	If Any)			
TERIVIS AIND CONDITIONS TISSED ON the reverse side.		RGES			
PRINTED NAME	DISCOUNT _	the production of the contract	IF PA	אט טג אוו טו	
					i
SIGNATURE	,			**	

## ALLIED CEMENTING CO., LLC. 043645

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERV	VICE POINT:	Pir	
SEC. TWP. 3 RANGE 3/ CA	ALLED OUT ON LOCATION	JOB START	JOB FINISH	
DATE 7-25-09 28 12 31		10:00 Am	10:30 Am	
Hess-Shipley Well# 1 LOCATION OG AC	EY 115 3E 55	COUNTY	STATE	
OLD ORNEW (Circle one) 1 & Ninto			<u> </u>	
CONTRACTOR MUSEIN Drilling Rig 8	OWNER Same	_		
TYPE OF JOB Production				
HOLE SIZE 7/8 T.D. 46-20	CEMENT AMOUNT ORDERED 250	cks Ase	2 Local	
CASING SIZE 5/2 DEPTH 4/6/3 TUBING SIZE DEPTH	10% solt 5th sk/			
DRILL PIPE DEPTH	Fust 1% CD 31 500	age WF		
TOOL POST COMEY DEPTH 23/4'		9		
PRES. MAX MINIMUM	COMMON	_@		
MEAS. LINE SHOE JOINT 3/	POZMIX		401	
CEMENT LEFT IN CSG. 2/	GEL 5	_@	N/E	
PERFS. DISPLACEMENT /// 9, 28 BBL	CHLORIDE ASC 250ょんち		4650,00	
	ASC	_@ <i></i>	7656700	
EQUIPMENT	Salt 23 sks	@ 23, 95	550.85	
1 (20)				
PUMPTRUCK CEMENTER HOUSE	Gilsonite 1250	_@ <u>•89</u>	1112.50	
#423-28 HELPER LOCATION BULK TRUCK	1 3 3 4	_@ <u></u>	11.11	
	CD-31 176#	_@ <b>_9,</b> 35_	1645,60	
BULK TRUCK  BULK TRUCK	WFR-2 500 gal	-@ <del>7.27</del>	1,35,00	
# DRIVER	HANDLING 320 SKS			
We we	MILEAGE 104 Sk/m		1040,00	
REMARKS:	MIDDINGD JUST THE		10001,95	
PLAND OFF WER-2 DUG MOUSE	_	101112		
hale 20 sts Rathole 20 sts	SERVI	ICE		
mix 200 sts down conter wash		-	<del></del>	
pump and lines clean. Displace	© DEPTH OF JOB 46/3			
plug 750 # Lift pressure	PUMP TRUCK CHARGE		2185.00	
plut landed, 140000 plug	EXTRA FOOTAGE		14.60 - 63	
Landed Flagthers.	MILEAGE 20 miles		140,00	
- thank you	MANIFOLD	@		
,		@		
CHARGE TO: Ritchie Exploration				RECEIVED
		TOTAL	2325,00	
STREET		IOIAL		NOV 0 5 2009
CITYSTATEZIP	PLUG & FLOA	T FOLIPMEN	NT	KCC WICHITA
	5 / 5	I EQUITME		KCC MICLIII
	1 Guide shoe		101,00	
·	1 weather ford Bes	-@ b-ck	186,00	
	3 Rossets	" 6/16/10C	483,00	
To Allied Cementing Co., LLC.	8 turbo Lizers		336 00	
You are hereby requested to rent cementing equipment	1 Rubber pluc		74,00	
and furnish cementer and helper(s) to assist owner or	i Port collar		1750,00	
contractor to do work as is listed. The above work was	, , -	TOTAL	~ 3045.00	
done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL			_	
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)			
TEMMS AND COMBITIONS Instead on the reverse side.	TOTAL CHARGES			
_	101UP CHUIOP9			
DOINTED MARKE		·	ID IN 20 D / 110	
PRINTED NAME	DISCOUNT	IF PA	ID IN 30 DAYS	

## ALLIED CEMENTING CO., LLC. 044100

RUSSELL, KANSAS 67665				111
			<u> </u>	Kley
Nupupus SU		Towns	Tion	
1E1/16/0 SEC TWP.3 RANGE CA	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
-shipley #1 5111			COUNTY	STATE
seshipley well# # LOCATION Oakley 1	153E55	ENVINO	Gove	KS
ORNEW (Circle one)				
10 #= :///w	<del></del>		<b>.</b>	
ITRACTOR MUCKINE	OWNER S	ane		
EOFJOB Sufface	<del>_</del>	•		-
LE SIZE 12/14 T.D. 220	CEMENT	100		
SING SIZE 8 1/8 DEPTH 220'	AMOUNT OF	RDERED 165 S	Ks Com 5	20 CC
BING SIZE DEPTH	2000	rel		
ILL PIPE イル DEPTH				
DEPTH DEPTH		11	45	25
S. MAX MINIMUM	COMMON	165	_@_/5_ <del></del>	2549 25
AS. LINE SHOE JOINT	POZMIX		@2	
MENT LEFT IN CSG. 15'	GEL	3	@ 20°	62
FS.	CHLORIDE _	6	@ 58°	349
PLACEMENT 13,0585	ASC		@	
EQUIPMENT	•			
_				
PTRUCK CEMENTER Plan CONF	IDENTIA	4 Lm		
IPTRUCK CEMENTER 77/410				
422 HELPER Wayne NOV	0 4 2009			
LK TRUCK				
5'/') DRIVER Lerry	KOU		@	
K TRUCK U	1 12		@	
DRIVER	HANDLING_	174	@ 2 <del>1</del>	41700
	MILEAGE 1			348
REMARKS:		7,	TOTAL	3726.75
			IOIAL	2/0/4
next Did Circulate		~~~~	CIP.	
		SERVI	CE	
	DEPEN OF		220	,
	DEPTH OF JO		220'	1 min to
	PUMP TRUCI			1018
77 .117	EXTRA FOOT		-@ <del></del>	1// 200
- M/hentire	MILEAGE		_@ <del></del>	140
Man Wayne 1011	-NAANIEOI D	÷	(A)	
	MANIFOLD -	<u> </u>	_@	
	MANIFOLD.			
Port 1: E	MANIFOLD.			
IRGE TO: Ritchie Exploration	MANIFOLD.		@ 	
	MANIFOLD.		@ 	1158
	MANIFOLD		@ 	115P°
EET			@	- '
EET		PLUG & FLOA	@ TOTAL	Trian
EET			@ TOTAL	Trian
EET		PLUG & FLOA	@ TOTAL	Trian
EET			@ TOTAL	Trian
STATE ZIP		PLUG & FLOA	@ TOTAL	Trian
STATE ZIP		PLUG & FLOA	@ TOTAL	Trian
STATE ZIP  Allied Cementing Co., LLC. are hereby requested to rent cementing equipment		PLUG & FLOA	@ TOTAL	Trian
STATE ZIP  Allied Cementing Co., LLC. are hereby requested to rent cementing equipment		PLUG & FLOA	@ TOTAL	Trian
STATE ZIP  Allied Cementing Co., LLC. are hereby requested to rent cementing equipment furnish cementer and helper(s) to assist owner or		PLUG & FLOA	@ TOTAL	Trian
Allied Cementing Co., LLC.  a are hereby requested to rent cementing equipment of the semantic content of the semantic content content to do work as is listed. The above work was		PLUG & FLOA	@ TOTAL	Trian
Allied Cementing Co., LLC. If are hereby requested to rent cementing equipment furnish cementer and helper(s) to assist owner or tractor to do work as is listed. The above work was the to satisfaction and supervision of owner agent or		PLUG & FLOA	TOTAL  TOTAL  TOTAL  TOTAL	VT
Allied Cementing Co., LLC.  are hereby requested to rent cementing equipment furnish cementer and helper(s) to assist owner or tractor to do work as is listed. The above work was e to satisfaction and supervision of owner agent or tractor. I have read and understand the "GENERAL"		PLUG & FLOA	TOTAL  TOTAL  TOTAL  TOTAL	VT
Allied Cementing Co., LLC. u are hereby requested to rent cementing equipment diffurnish cementer and helper(s) to assist owner or intractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or intractor. I have read and understand the "GENERAL ERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (	PLUG & FLOA	TOTAL  TOTAL  TOTAL  TOTAL	VT
ARGE TO: RITCHIRE Exploration  REET  STATE ZIP  Allied Cementing Co., LLC.  Su are hereby requested to rent cementing equipment d furnish cementer and helper(s) to assist owner or ntractor to do work as is listed. The above work was one to satisfaction and supervision of owner agent or ntractor. I have read and understand the "GENERAL ERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (	PLUG & FLOA'  (If Any)	TOTAL  TOTAL  TOTAL	TVT
Allied Cementing Co., LLC.  u are hereby requested to rent cementing equipment furnish cementer and helper(s) to assist owner or intractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or intractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side.	SALES TAX (	PLUG & FLOA	TOTAL  TOTAL  TOTAL	TVT
Allied Cementing Co., LLC. If are hereby requested to rent cementing equipment furnish cementer and helper(s) to assist owner or stractor to do work as is listed. The above work was be to satisfaction and supervision of owner agent or stractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side.	SALES TAX (	PLUG & FLOA'  (If Any)	TOTAL  TOTAL  TOTAL	TVT
STATE	SALES TAX (	PLUG & FLOA'  (If Any)	TOTAL  TOTAL  TOTAL	TVT