## ORIGINAL

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

12/11/09 Form ACO-1 September 1999 Form Must Be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE 1 063-21674-0000

Operator: License # 4767	API No. 15 - 063-21674-0000
Name: Ritchie Exploration, Inc.	County: Gove
Address: P.O. Box 783188	approx - E/2 - W/2 - W/2 Sec. 16 Twp. 13S S. R. 31 ☐ East  West
City/State/Zip: Wichita, KS 67278-3188	2500 feet from N (circle one) Line of Section
Purchaser:	1150 feet from E (W) (circle one) Line of Section
	Footages Calculated from Nearest Outside Section Corner:
Operator Contact Person: Craig Caulk Phone: (316) 691-9500	(circle one) NE SE NW SW
Phone: (316) 691-9500  Contractor: Name: Murfin Drilling Co., Inc.	Lease Name: Phelps 16BC Well #: 1
License: 30606	Field Name:
Wellsite Geologist: Roger Fisher	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2943 Kelly Bushing: 2953
New Well Re-Entry Workover	Total Depth: 4730 Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 225 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
✓ Dry — Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	
Well Name:	
Well Name: Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan PANS 5-809
-	
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 23000 ppm Fluid volume 495 bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
8/25/07 9/1/07 9/1/07	Quarter Sec. Twp. S. R. East West
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	County: Docket No.:
	Sound No.
Kansas 67202, within 120 days of the spud date, recompletion, works information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline to TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged we	with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, cover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. of 12 months if requested in writing and submitted with the form (see rule 82-3-ogs and geologist well report shall be attached with this form. ALL CEMENTING cells. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	KCC Office Use ONLY
Signature:	
Title: Geologist Date: 12/11/07	Letter of Confidentiality Received
Subscribed and sworn to before me this	If Denied, Yes Date:
2007	Wireline Log Received RECEIVED KANSAS CORPORATION COMMI
1/2 / MM	Geologist Report Received
Notary Public: Nubeo of Multi-	UIC Distribution DEC 1 2 2007
Date Commission Expires: 5-4-11	
DEBRA K. PH	of Kansas
My Appt. Expires 5-4-	<u></u>

Operator Name: Ritchie Exploration, Inc.			Lease				Well #:		
	3S S. R. 31 East  West		County	County: Gove					
STRUCTIONS: Sho sted, time tool open a mperature, fluid reco lectric Wireline Logs	and closed, flowing very, and flow rate	g and shut- s if gas to s	in pressures, surface test,	, whether sl along with f	hut-in pres	sure reache	d static level, h	ydrostatic pressu	ests giving interval res, bottom hole ed. Attach copy of all
rill Stem Tests Taken (Attach Additional Si	haatsl	Ye	s 🗸 No		Lo	g Forma	ation (Top), Dep	th and Datum	✓ Sample
amples Sent to Geolo	,	<b></b> ✓ Ye	s No		Name			Тор	Datum
ores Taken	,	Ye	s 🗸 No						
lectric Log Run		<b></b> ✓ Ye	s 🗌 No			SEE	ATTACHED		- 0
(Submit Copy)								~0ME	IDENTIAL
st All E. Logs Run:								(Me)	. 1 1 2007
Dual Induction	-								-08
Compensated	Density/Neu	tron Log	3						KCC 11201
		Repor	CASING	RECORD	Nev		uction, etc.		
Purpose of String	Size Hole Drilled	Siz	e Casing (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	(,,, O.D.)	23		225	common	170	3%cc, 2% gel
	12	0 0.0							
<u> </u>	<u> </u>	_							
		<u></u>			]				
		Т				EEZE RECO			
Purpose: Perforate Protect Casing	Depth Top Bottom	Туре	of Cement	#Sack	s Used		Type a	and Percent Additive	<b>9</b> \$
Plug Back TD Plug Off Zone									
	DEDECRAT	ION DECO	D Bridge Pl	uge Set/Tune		Acid	Fracture Shot Ce	ment Squeeze Rec	ord
Shots Per Foot			ID - Bridge Pl Each Interval P			700,	(Amount and Kind	of Material Used)	Depth
							·····		
+							<del> </del>		
TUBING RECORD	Size	Set At		Packer	At	Liner Run			
			Γ				Yes	No	
Date of First, Resumerd	Production, SWD or	Enhr.	Producing M	ethod	Flowing	ı 🗌 Pui	mping 🔲 G	as Lift O	her (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	r	Bbis.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETIC	NO.			Production I	nterval		RECEN
									KANSAS CORPORATIO



#### #1 Phelps 16BC

2500' FSL & 1150' FWL 140' S & 160' E of E/2 W/2 W/2 Section 16-13S-31W Gove County, Kansas API# 15-063-21674-0000

Elevation: 2943' GL: 2953' KB



		Ref.
Sample Tops		Well
Anhydrite	2464' +489	-20
B/Anhydrite	2486' +467	-19
Heebner	3977' -1024	8
Lansing	4021' -1068	-10
Lansing "C"	4054' -1101	-9
Muncie Shale	4166' -1213	-7
Lansing "J"	4235' -1282	5
Stark Shale	4252' -1299	-7
BKC	4322' -1369	-10
Pawnee	4462' -1509	-16
Cherokee Shale	4545' -1592	2 -20
Johnson	4589' -1636	-20
Mississipian	4661' -1708	-43
RTD	4730' -1777	7

RECEIVED KANSAS CORPORATION COMMISSION

DEC 1 2 2007

CONSERVATION DIVISION WICHITA, KS

## ALLIED CEMENTING CO., INC. 28656

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	service point:Oalley	
DATE 9-1-07 16 13 31 5	ON LOCATION JOB START JOB FINISH AM  13. 3. 3. 10. 30 COUNTY STATE	
LEASE Phelps   WELL#  6-72   LOCATION Colle	y 113-3E-23-1E-23 LOGON KAN	
CONTRACTOR WUFFIN DIS Co#14 TYPE OF JOB PTA	OWNER Same	
HOLE SIZE 7% T.D. 4730' CASING SIZE DEPTH	CEMENT AMOUNT ORDERED 200 SK 60/40 Doc	
TUBING SIZE DEPTH DRILL PIPE 4% XH DEPTH 2475	4% Cel, 44# Florsan	
TOOL DEPTH	COMMON 120 SKS @ 1260 1572.00	
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	COMMON 120 SKS @ 120 15120 POZMIX 80 SKS @ 140 5/20	
CEMENT LEFT IN CSG.	GEL 7 5/5 @ 1665 11655	
PERFS. DISPLACEMENT	CHLORIDE @ ASC @	
EQUIPMENT	Flosec 50# @ 200 10000	
PUMPTRUCK CEMENTER WELL		Military and the second
# 422 HELPER "C"	@	CONFIDENTIAN
# 391 DRIVER Lucene		100 C 1 2000
BULK TRUCK # DRIVER	HANDLING 209 5/8 @ 190 39710	MC(C)
REMARKS:	MILEAGE 94 ps **/wile 33858  TOTAL 2976 23	·
25-5K 0 2475	SERVICE	
100-5ks 2 1518'	DEPTH OF JOB	
10-5ks 0 40 4/Plus	PUMP TRUCK CHARGE 955-00	
15 - SK in Kitt	MILEAGE 8- MILES @ 600 10800	
lhank You	MANIFOLD@	
· .	@	
CHARGE TO: Retchie Exploration		
STREET	TOTAL 1063	
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT	
	878	
	1-DH Plus @ 35-00	
To Allied Cementing Co., Inc.		
You are hereby requested to rent cementing equipment		
and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was	2-00	
done to satisfaction and supervision of owner agent or	TOTAL 35	RECEIVED
contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.	TAX	KANSAS CORPORATION COMMISSION
CONDITIONS Instead on the reverse state.	TOTAL CHARGE	DEC 1 2 2007
	DISCOUNT IF PAID IN 30 DAYS	CONSERVATION DIVISION
6. 11	<i>a</i> , , (	WICHITA, KS
SIGNATURE LING UNIN	PRINTED NAME	

## ALLIED CEMENTING CO., INC. 31705

SERVICE POINT:
CALLED OUT ON LOCATION JOB STARTED JOB FINISH 9, 5, 45
COUNTY STATE
er 115-36-25-16 60UE Kan
1 6.5 €S
OWNER Scine
CEMENT
AMOUNT ORDERED 170-5Ks Com
3% CC-2% le(
124 6/4 - 1260 24/12/00
COMMON 170-5Ks@ 1260 2,14200
POZMIX
GEL 3 - 516 @ 1855 49 15 CHLORIDE 6 - 516 @ 4650 27960
ASC@
@
© Constitution
HANDLING 179-5Ks@ 120 340-6
HANDLING 179-5Ks@ 120 340-16 MILEAGE 94 prosklad 28988
TOTAL 3/0/63
Meson and the second of the se
SERVICE
DEWIN OF IOD
DEPTH OF JOB PUMP TRUCK CHARGE 8/500
EXTRA FOOTAGE@
MILEAGE $18 - \text{miles} @ 6  0 $
MANIFOLD@
@
@
00-06
TOTAI $Uij 2$
TOTAL <u>923</u>
IOIAL 120
PLUG & FLOAT EQUIPMENT
,
PLUG & FLOAT EQUIPMENT  \$ 5/8
PLUG & FLOAT EQUIPMENT
PLUG & FLOAT EQUIPMENT  8 5/8  1- SurFace Plug @ 60 000  @
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- SurFace Plus @ 60.00  @
PLUG & FLOAT EQUIPMENT  8 5/8  1- SurFace Plug @ 60 000  @
PLUG & FLOAT EQUIPMENT  8 5/8  1- SurFace Plus @ 60 000  @
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- SurFace Plus @ 60.00  @
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- SucFace Plus @ 60 000  @
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- SucFace Plus @ 60 000  @ 70TAL 6000  TAX
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- Sur Face Plug @ 60 000  @
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- SucFace Plug @ 60 @  @ 70TAL 60 @  TOTAL 60 PKANSAS CORPORATION COMMISSION  DISCOUNT IF PAID IN 30 DAYS
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- Suc Face Plug @ 60 000  @ TOTAL
PLUG & FLOAT EQUIPMENT  \$ 5/8  1- SucFace Plug @ 60 @  @ 70TAL 60 @  TOTAL 60 PKANSAS CORPORATION COMMISSION  DISCOUNT IF PAID IN 30 DAYS
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