

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: P.O. Box 783188
Address 2: _____
City: Wichita State: KS Zip: 67278 + 3118
Contact Person: John Niemberger
Phone: (316) 691-9500
CONTRACTOR: License # 30606
Name: Murfin Drilling, Co., Inc.
Wellsite Geologist: Terry McLeod
Purchaser: NCRA
Designate Type of Completion: KCC WICHITA
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SIOW
_____ Gas ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ Dry _____ Other _____
(Cors, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
12/1/09 12/11/09 12/11/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 063-21820-0000
Spot Description: 140' N & 35' E
S/2 -NW - - - - - Sec. 29 Twp. 13 S. R. 31 East West
1840 Feet from North / South Line of Section
1355 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gove
Lease Name: Hess 29B Well #: 2
Field Name: _____
Producing Formation: LKC & Johnson
Elevation: Ground: 2865 Kelly Bushing: 2875
Total Depth: 4570 Plug Back Total Depth: 4518
Amount of Surface Pipe Set and Cemented at: 223 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2326 Feet
If Alternate II completion, cement circulated from: surface
feet depth to: 2326 w/ 260 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 6700 ppm Fluid volume: 580 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: _____
Title: Production Manager Date: 3/9/10
Subscribed and sworn to before me this 9th day of March
20 10
Notary Public: Debra K Phillips
Date Commission Expires: 5-4-11

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt Expires 5-4-11

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
_____ UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Hess 29B Well #: 2
 Sec. 29 Twp. 13 S. R. 31 East West County: Gove

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum SEE ATTACHED
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CASING RECORD <input checked="" type="checkbox"/> NEW <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, 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	223	common	170	3%cc, 2%gel
Production	7-7/8	5-1/2	17	4562	ASC	200	10% salt, 2% gel & 34% CD-31

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4471' - 4478' (12/21/09)		
4	4072'-4078' (12/21/09)	600 gals 15% NE	
4	3960.5' - 3963.5' (12/21/09)		

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>4503'</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>12/31/09</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. <u>4.8</u> Gas Mcf _____ Water Bbls. <u>7.19</u> Gas-Oil Ratio _____ Gravity <u>36.9</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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#2 Hess 29B

1840' FNL & 1355' FWL

140' N & 35' E of S/2 NW/4 Section 29-13S-31W

Gove County, Kansas

API# 15-063-21820-0000

Elevation: 2865' GL: 2875' KB

Sample Tops			Ref. Well
Anhydrite	2352'	+523	-1
B/Anhydrite	2374'	+501	-1
Heebner	3866'	-991	-5
Toronto	3890'	-1015	-3
Lansing	3909'	-1034	-5
Lansing "C"	3942'	-1067	-5
Lansing "D"	3962'	-1087	-7
Lansing "E"	3988'	-1113	-9
Lansing "H"	4079'	-1204	-10
Lansing "I"	4109'	-1234	-10
Lansing "J"	4130'	-1255	-8
Lansing "K"	4160'	-1285	-9
Lansing "L"	4196'	-1321	-8
BKC	4222'	-1347	-7
Altamont	4273'	-1398	-12
Pawnee	4351'	-1476	-5
Myric	4385'	-1510	-4
Fort Scott	4402'	-1527	-3
Cherokee Shale	4432'	-1557	-3
Johnson	4473'	-1598	-1
Morrow Sand	4498'	-1623	+2
Mississippian	4513'	-1638	+23
RTD	4570'	-1695	

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KCC WICHITA

ALLIED CEMENTING CO., LLC. 044363

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley, KS

DATE <u>12/12/09</u>	SBC <u>29</u>	TWP. <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>11:00 AM</u>	JOB START <u>5:00 AM</u>	JOB FINISH <u>6:00 AM</u>
LEASE <u>Hess 298</u>	WELL # <u>#2</u>	LOCATION <u>Oakley 11 S 3E 4 1/2 S</u>			COUNTY <u>Cherokee</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR <u>AKW 14</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 1/2"</u>	T.D. <u>4570'</u>
CASING SIZE <u>5 1/2"</u>	DEPTH <u>4562'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port collar</u>	DEPTH <u>2326</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Alan</u>
# <u>2122</u>	HELPER <u>Wayne</u>
BULK TRUCK	
# <u>377</u>	DRIVER <u>Latone</u>
BULK TRUCK	
#	DRIVER

CEMENT		
AMOUNT ORDERED <u>245 SKS ASC</u>		
<u>1070 Silt 2070 gal 5" Gilsonite</u>		
<u>314-190 CD 31</u>		
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC <u>245 SKS</u>	@ <u>18.00</u>	<u>4557.00</u>
<u>Gilsonite 125 lb</u>	@ <u>10.89</u>	<u>1090.25</u>
<u>Salt - 23 SKS</u>	@ <u>23.99</u>	<u>550.97</u>
<u>CD 31 172 lb</u>	@ <u>9.35</u>	<u>1617.55</u>
<u>WERTI 500 gal</u>	@ <u>1.32</u>	<u>635.00</u>
HANDLING <u>715</u>	@ <u>2.40</u>	<u>256.00</u>
MILEAGE <u>104 SK/mile</u>		<u>630.00</u>
TOTAL		9836.65

REMARKS:
 Pump 500 gal WERTI, mix 15 SK, MH,
 mix 30 SK, Port Hole, mix 200 SK, ASC
 down 5 1/2" Cas, Displace Plug to
 cement w/ 800 PPT Lift Band
 Plug @ 1500 PST w/ 108 gal
 float Oil Hold.
 Plug down 6:00 AM
 Thank You
 Alan, Wayne, Latone

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WICHITA

CHARGE TO: Ritchie Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		<u>4562'</u>
PUMP TRUCK CHARGE		<u>2185.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>20</u>	@ <u>70.00</u>	<u>1400.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		2325.00

PLUG & FLOAT EQUIPMENT

1- Guide Shoe		<u>101.00</u>
1- Port Collar	@	<u>1250.00</u>
3- Baskets	@ <u>161.00</u>	<u>483.00</u>
8- Cementizer - Turbo	@ <u>42.00</u>	<u>336.00</u>
1- Rubber Plug	@	<u>43.00</u>
1- AP4 SmartT	@	<u>112.00</u>
TOTAL		2825.00

To Allied Cementing Co., 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 TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES _____

PRINTED NAME CARLOS JAVIER JIMENEZ DISCOUNT _____ IF PAID IN 30 DAYS _____
 SIGNATURE Carlos Javier Jimenez

AKW

ALLIED CEMENTING CO., LLC. 044368

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Dakley, Ks

DATE <u>12/15/09</u>	SEC. <u>29</u>	TWP. <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>10:00am</u>	JOB START <u>10:30am</u>	JOB FINISH <u>11:30am</u>
LEASE <u>Hess 298</u>	WELL # <u>#2</u>	LOCATION <u>Dakley 11 S 3 E 4 1/2 S</u>	COUNTY <u>ONE</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>				F. INTO			

CONTRACTOR Express Well Service
 TYPE OF JOB Part Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH 4562
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Part Collar DEPTH 2326
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Same
 CEMENT AMOUNT ORDERED 450 SKs 60/40 670 gal 14 lb Flo Seal
used 260 SKs + 300 lb Halls
 COMMON 150 @ 15.45 2410.20
 POZMIX 107 @ 8.20 832.20
 GEL 13 @ 20.00 270.40
 CHLORIDE @ _____
 ASC @ _____
Flo Seal 65 lb @ 2.50 162.50
250 SKs Halls @ 31.85 197.10
 HANDLING 488 SKs @ 2.40 1171.20
 MILEAGE 104 SK/mile 976.00

EQUIPMENT
 PUMP TRUCK CEMENTER Alan
 # 423 HELPER Lakeland
 BULK TRUCK DRIVER Damon
 # 396
 BULK TRUCK DRIVER _____
 # _____

TOTAL 6013.40

REMARKS:
Test Tool To 1200 Halls, Open to 1200 Halls
Use 100 SKs 60/40 670 gal w/ 14 lb Flo Seal
w/ 300 lb Halls. Displace 1200 Halls, Shut Tool - Annulus to 1200 Halls
Ann 6 7/8, Reverse Clin.
Thank You
Alan, Lakeland, Damon

SERVICE
 DEPTH OF JOB 2326
 PUMP TRUCK CHARGE 1185.00
 EXTRA FOOTAGE @ _____
 MILEAGE 20 @ 5.00 140.00
 MANIFOLD @ _____
 TOTAL 1325.00

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 MAR 10 2010
 KCC WICHITA

CHARGE TO: Ritche Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

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SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Carlos Javier Jimenez
 SIGNATURE Carlos Javier Jimenez