

8/2/09

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: P.O. Box 783188
 City/State/Zip: Wichita, KS 67278-3188
 Purchaser: _____
 Operator Contact Person: Craig Caulk
 Phone: (316) 691-9500
 Contractor: Name: Murfin Drilling Co., Inc.
 License: 30606
 Wellsite Geologist: Paul Gunzelman
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>4/11/07</u>	<u>4/16/07</u>	<u>4/17/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 179-21172-0000
 County: Sheridan
 approx. NE SE NE Sec. 16 Twp. 9 S. R. 30 East West
1485 feet from S 1 (circle one) Line of Section
465 feet from E (circle one) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Dickman Farms Well #: 1
 Field Name: _____
 Producing Formation: _____
 Elevation: Ground: 2906 Kelly Bushing: 2911
 Total Depth: 4290 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 220 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PA NJ 3409
 (Data must be collected from the Reserve Pit)
 Chloride content 17000 ppm Fluid volume 900 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: Craig Caulk
 Title: Geologist Date: 8/2/07
 Subscribed and sworn to before me this 2nd day of August,
 20 07.
 Notary Public: Debra K. Phillips
 Date Commission Expires: 5-4-11

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received **RECEIVED**
 UIC Distribution **KANSAS CORPORATION COMMISSION**

AUG 03 2007

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

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Dickman Farms Well #: 1
 Sec. 16 Twp. 9 S. R. 30 East West County: Sheridan

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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> New <input checked="" 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	220	common	175	3%cc, 2% gel

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		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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) _____
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#1 Dickman Farms

1485' FNL & 465' FEL
165'N & 135'W of NE SE NE Section 16-9S-30W
Sheridan County, Kansas
API# 15-179-21172-0000
Elevation: 2906' GL, 2911' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2523'	+388	-1
B/Anhydrite	2554'	+357	-1
Topeka	3724'	-813	-5
Heebner	3945'	-1034	-8
Lansing	3985'	-1074	-11
Muncie Shale	4104'	-1193	-9
Stark Shale	4183'	-1272	-10
BKC	4233'	-1322	-2
RTD	4290'	-1379	

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AUG 03 2007

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 25300

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

SERVICE POINT:

Oakley

DATE <u>4-11-07</u>	SEC. <u>16</u>	TWP. <u>9S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>7:15 PM</u>	JOB START <u>8:15 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>Dickman Farms</u>	WELL # <u>1</u>	LOCATION <u>Angulus 5N-1E-1/2N-W1S</u>			COUNTY <u>Sheridan</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR MurFin Dds Co #3 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 1 1/4 T.D. 220' CEMENT

CASING SIZE 8 5/8 DEPTH 220' AMOUNT ORDERED 175 SKS COM

TUBING SIZE DEPTH 3 1/2 cc - 2% Gal

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 - BBL

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER Kelly

BULK TRUCK

218 DRIVER Alvin

BULK TRUCK

DRIVER

REMARKS:

Connect D&D Circ

Thank You

CHARGE TO: Ritchie Explorations, Inc

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 815⁰⁰

EXTRA FOOTAGE @

MILEAGE 22 miles @ 6⁰⁰ 132⁰⁰

MANIFOLD @

@

@

TOTAL 947⁰⁰

PLUG & FLOAT EQUIPMENT

8 5/8

1-Surface Plug @ 60⁰⁰

@

@

@

@

TOTAL 60⁰⁰

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Kath Van Pitt

PRINTED NAME

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KANSAS CORPORATION COMMISSION

AUG 03 2007

CONSERVATION DIVISION
MICHIGAN KS

ALLIED CEMENTING CO., INC.

25854

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

SERVICE POINT:

Oakley

DATE <u>4-17-07</u>	SEC. <u>16</u>	TWP. <u>9^s</u>	RANGE <u>30^w</u>	CALLED OUT	ON LOCATION <u>3:00^{AM}</u>	JOB START <u>5:00^{AM}</u>	JOB FINISH <u>6:30^{AM}</u>
LEASE <u>Dickman Exams</u>	WELL # <u>1</u>	LOCATION <u>Angulus 5N-1E-4N-41S</u>			COUNTY <u>Sheridan</u>	STATE <u>Ks</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR MurFin Dels Co #3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4290'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 XH DEPTH 2525'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT AMOUNT ORDERED 200 sks 6 3/4 opin
6% Gel, 1/4 # Flo-Seal

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER Mike

BULK TRUCK

218 DRIVER Rex

BULK TRUCK

_____ DRIVER _____

COMMON	<u>120 sks @ 12.60</u>	<u>1,512.00</u>
POZMIX	<u>80 sks @ 6.40</u>	<u>512.00</u>
GEL	<u>10 sks @ 16.65</u>	<u>166.50</u>
CHLORIDE	@	
ASC	@	
<u>Flo-Seal 50#</u>	<u>@ 2.00</u>	<u>100.00</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>212 sks @ 1.90</u>	<u>402.80</u>
MILEAGE	<u>9.4 per sk 1 mile</u>	<u>419.76</u>
TOTAL		<u>3,113.06</u>

REMARKS:

25 sks @ 2525'
100 sks @ 1655'
40 sks @ 270'
10 sks @ 40'
15 sks in R.H.
10 sks in M.H.
Thank You

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>955.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>22 miles</u>	@ <u>6.00</u>	<u>132.00</u>
MANIFOLD	@	
	@	
	@	

CHARGE TO: Ritchie Explorations

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1,087.00

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>		
<u>1- DH Plug</u>	@	<u>35.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>35.00</u>

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Keith Van Pelt

PRINTED NAME

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CONSERVATION DIVISION
WICHITA KS