

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008

Form Must Be Typed

8/05/11

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: Craig Caulk

Phone: (316) 691-9500

CONTRACTOR: License # 5929

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Name: Duke Drilling Co., Inc. MAY 05 2009

Wellsite Geologist: Mike Engelbrecht

Purchaser: KCC

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SIOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- 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. Conv. to SWD

Plug Back: _____ Plug Back Total Depth _____

Commingled Docket No.: _____

Dual Completion Docket No.: _____

Other (SWD or Enhr.?) Docket No.: _____

1/8/09 1/19/09 1/20/09

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 057-20628-0000

Spot Description: 5' S & 109' E of

C SE NE SW Sec. 16 Twp. 28 S. R. 22 East West

1645 Feet from North / South Line of Section

2419 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Ford

Lease Name: Derstein A Well #: 1

Field Name: _____

Producing Formation: _____

Elevation: Ground: 2444 Kelly Bushing: 2456

Total Depth: 5266 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 238 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/ _____ sq cmt.

PA-Dig - 6/16/09

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 23000 ppm Fluid volume: 1200 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 R. Caulk

Title: Geologist Date: 5/5/09

Subscribed and sworn to before me this 5th day of May

20 09

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

UIC Distribution

KANSAS CORPORATION COMMISSION

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

MAY 07 2009
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Operator Name: Ritchie Exploration, Inc. Lease Name: Derstein A Well #: 1
 Sec. 16 Twp. 28 S. R. 22 East West County: Ford

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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED

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KCC

List All E. Logs Run:

Dual Induction Log
 Compensated Density Neutron Log

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	238	class A	200	2% cc, 3% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	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: _____ _____
--	--	--



#1 Derstein A

1645' FSL & 2419' FWL

5'S & 109'E of C SE NE SW Section 16-28S-22W

Ford County, Kansas

API# 15-057-20628-0000

Elevation: 2444' GL, 2456' KB

<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	1448'	+1008	-12	
Chase Herrington	2662'	-206	+15	
Stotler	3596'	-1140	+4	
Heebner	4262'	-1806	-7	
Lansing	4409'	-1953	-4	
Muncie Shale	4608'	-2152	-8	
Stark Shale	4746'	-2290	+9	
Pawnee	4948'	-2492	+13	
Cherokee Shale	4996'	-2540	+11	
Atoka Shale	5088'	-2632	+13	
Mississippian	5092'	-2636	+23	
RTD	5266'	-2810		

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May 5, 2009

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #1 Derstein A-
Sec. 16-28S-22W
Ford County, Kansas

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KCC

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or Craig Caulk at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips
Accounting Supervisor

dkp

Enclosures

KANSAS CORPORATION COMMISSION

MAY 07 2009

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ALLIED CEMENTING CO., LLC. 33333

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

SERVICE POINT:
Great Bend KS

DATE <u>1-8-09</u>	SEC. <u>16</u>	TWP. <u>28</u>	RANGE <u>22 W</u>	CALLED OUT <u>7:00 PM</u>	ON LOCATION <u>10:00 PM</u>	JOB START <u>11:30</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Oerstein</u>	WELL # <u>A-1</u>	LOCATION <u>ford KS East 1 1/2 South</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>East into</u>				

CONTRACTOR <u>Ouye Rig 1</u>	OWNER <u>Ritchie Exploration</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>239</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>239</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>200</u>	MINIMUM <u>0</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15</u>	
PERFS.	
DISPLACEMENT <u>14.26 BBLs fresh water</u>	

CEMENT	AMOUNT ORDERED <u>2005X Class A 3% cc</u>		
	<u>2% Gel</u>		
COMMON	<u>200</u>	@	<u>13.65 2,730.00</u>
POZMIX		@	
GEL	<u>4</u>	@	<u>20.40 81.60</u>
CHLORIDE	<u>6</u>	@	<u>57.15 342.90</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>210</u>	@	<u>2.25 472.50</u>
MILEAGE	<u>210 X .10 X 65</u>		<u>1,365.00</u>
			TOTAL <u>4,992.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Wayne
366 HELPER Galien - O

BULK TRUCK
344-170 DRIVER Chuis - H

BULK TRUCK
DRIVER

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REMARKS:
Pipe on bottom Break circulation
Mix 2005X Class A 3% cc 2% Gel
Shut Down Release Plug and
Displace with 14.26 BBLs fresh water
and shut in. Cement did circulate
washup Rig Down

SERVICE			
DEPTH OF JOB	<u>239</u>		
PUMP TRUCK CHARGE			<u>999.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>65</u>	@	<u>7.00 455.00</u>
MANIFOLD	<u>Head Rent</u>	@	<u>111.00 111.00</u>
			TOTAL <u>1,565.00</u>

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT			
1 wooden plug		@	<u>67.00 67.00</u>
		@	
		@	
		@	
			TOTAL <u>67.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cement 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.

PRINTED NAME Mike Godfrey

SIGNATURE Mike Godfrey

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

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ALLIED CEMENTING CO., LLC. 043189

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

SERVICE POINT:
Medicine Lodge

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH		
1-20-09	11e	28S	22W	8:00p.m. 1-19	4:30Am.	5:00p.m.	7:59p.m.		
LEASE	Derstein	WELL #	A-1	LOCATION	Ford, Mo. 1E, 1/2S, E1into	COUNTY	STATE		
OLD OR	NEW (Circle one)							Ford	Ks.

CONTRACTOR Duke I
 TYPE OF JOB Bot. Plus
 HOLE SIZE 7 7/8 T.D. 5266'
 CASING SIZE 8 5/8 DEPTH 240'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH 1500'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT mud/fresh
 EQUIPMENT _____

OWNER Ritchie Exploration
 CEMENT
 AMOUNT ORDERED 2403x 60/40/4

PUMP TRUCK CEMENTER Mark Loby
 # 3100265 HELPER skick
 BULK TRUCK
 # 352290 DRIVER Randy F.
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>144</u>	<u>A</u>	@	<u>15.45</u>	<u>2224.80</u>
POZMIX	<u>96</u>		@	<u>8.00</u>	<u>768.00</u>
GEL	<u>8</u>		@	<u>20.80</u>	<u>166.40</u>
CHLORIDE			@		
ASC			@		
			@		
			@		
			@		
			@		
			@		
			@		
			@		
			@		
			@		
HANDLING	<u>248</u>		@	<u>2.40</u>	<u>595.20</u>
MILEAGE	<u>65</u>	<u>X 248</u>	<u>X .10</u>		<u>1612.00</u>
					TOTAL <u>5366.40</u>

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REMARKS:
plug @ 1500' w/ 303x disp. w/ mud
plug @ 1000' w/ 303x disp. w/ fresh
plug @ 210' w/ 403x disp. w/ fresh
plug @ 100' w/ 703x
plug rat w/ 303x
plug mouse w/ 203x

KCO

SERVICE

DEPTH OF JOB	<u>1500'</u>				
PUMP TRUCK CHARGE					<u>1017.00</u>
EXTRA FOOTAGE			@		
MILEAGE	<u>65</u>	@	<u>7.00</u>	<u>455.00</u>	
MANIFOLD		@			
		@			
		@			

TOTAL 1472.00

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

PLUG & FLOAT EQUIPMENT

<u>NONE</u>	@				
	@				
	@				
	@				

TOTAL _____

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.

PRINTED NAME Mike Gattrey
 SIGNATURE [Signature]

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

ANY APPLICABLE TAX
 WILL BE CHARGED
 UPON INVOICING

KANSAS CORPORATION COMMISSION

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