

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

11/11/10

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: Plains Marketing  
Operator Contact Person: John Niernberger  
Phone: (316) 691-9500  
Contractor: Name: WW Drilling, LLC  
License: 33575  
Wellsite Geologist: Roger Fisher

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. \_\_\_\_\_

7/18/08	7/24/08	7/24/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23746-0000  
County: Rooks  
approx.  NEW/2  SE  NE Sec. 12 Twp. 9 S. R. 20  East  West  
1575 feet from S N (circle one) Line of Section  
435 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Pittman 12A Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: Lansing  
Elevation: Ground: 2096 Kelly Bushing: 2101  
Total Depth: 3650 Plug Back Total Depth: 3616  
Amount of Surface Pipe Set and Cemented at 206 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1535 Feet  
If Alternate II completion, cement circulated from 1535  
feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan ATTN: JF-3309  
(Data recorded from the Reserve Pit)  
Chloride content 39000 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: [Signature]  
Title: Production Manager Date: 11/11/08  
Subscribed and sworn to before me this 11<sup>th</sup> day of November,  
20 08.  
Notary Public: [Signature]  
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

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KANSAS CORPORATION COMMISSION  
**NOV 13 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Pittman 12A Well #: 1  
 Sec. 12 Twp. 9 S. R. 20  East  West County: Rooks

**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

List All E. Logs Run:

Compensated Density Neutron Log  
 Dual Induction 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	206	common	150	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	3637	60/40 pozmix	160	10% salt, 2% gel & 3/4% 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	3498' - 3502', 3479' - 3482' (Lansing)	1100 gals 15% NE	

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 NOV 13 2008

TUBING RECORD		Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS	
		2-3/8	3616'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr. 8/22/08			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	23		0		37.5		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



**#1 Pittman 12A**

1575' FNL & 435' FEL

75' N & 105' W of NE SE NE Section 12-9S-20W

Rooks County, Kansas

API# 15-163-23746-00-00

Elevation: 2096' GL, 2101' KB

<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	1556'	+545	-3	
B/Anhydrite	1588'	+513	-1	
Topeka	3081'	-980	-6	
Heebner Shale	3286'	-1185	-3	
Toronto	3306'	-1205	-2	
Lansing	3325'	-1224	-2	
Lansing "C"	3361'	-1260	-2	
Lansing "D"	3381'	-1280	-3	
Muncie Shale	3447'	-1346	-3	
Lansing "H"	3456'	-1355	-1	
Lansing "I"	3478'	-1377	-2	
Lansing "J"	3495'	-1394	-3	
Stark Shale	3510'	-1409	-3	
Lansing "K"	3517'	-1416	-2	
BKC	3534'	-1433	-4	
Arbuckle	3597'	-1496	-30	
RTD	3650'	-1549		

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KANSAS CORPORATION COMMISSION

NOV 13 2008

CONSERVATION DIVISION  
WICHITA, KS

P.O. Box 783188  
Wichita, Kansas 67278-3188

(316) 691-9500  
Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328

# ALLIED CEMENTING CO., LLC. 042798

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

SERVICE POINT:  
Russell KS

DATE <u>7-24-08</u>	SEC. <u>12</u>	TWP. <u>9</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30pm</u>	JOB FINISH <u>2:10pm</u>
LEASE <u>Pittman 12A</u>		WELL # <u>1</u>		LOCATION <u>Zurich KS 3 West to Rd 7</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>4 North West into</u>			

CONTRACTOR W/W Drilling Rig #6  
 TYPE OF JOB Production String  
 HOLE SIZE 7 7/8 T.D. 3650  
 CASING SIZE 4 1/2 10.5 DEPTH 3640  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 FOOT Part Collar DEPTH 1534'  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 17.05'  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 57.60 Bbl  
 EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER John Roberts  
 # 409 HELPER Shane Ran Truck  
 BULK TRUCK \_\_\_\_\_  
 # 345 DRIVER Mike  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 175 6% 10% Salt 2% Gel  
3/4 of 1% CD-31 500gal WFR-2

COMMON	<u>105</u>	@	<u>13.50</u>	<u>1417.50</u>
POZMIX	<u>70</u>	@	<u>7.50</u>	<u>525.00</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
SALT	<u>15</u>	@	<u>21.25</u>	<u>318.75</u>
CD-31	<u>111</u>	@	<u>9.10</u>	<u>1010.10</u>
WFR-2	<u>500 gals</u>	@	<u>1.10</u>	<u>550.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>193 SKs</u>	@	<u>2.25</u>	<u>434.25</u>
MILEAGE	<u>107 SK/mile</u>			<u>1061.50</u>
				TOTAL <u>5381.35</u>

REMARKS:

Plug Bathole 15sk cement. Inset @ 3622.95  
Est. Circulation and circulate 25 min.  
Mix 500 gal WFR-2. Mix 160sk  
cement. Displaced plug w/ 57.60  
Bbl H2O.  
Landed plug @ 1500 psi!  
Float Held!

*Thanks!*

CHARGE TO: Ritchie Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE \_\_\_\_\_  
 DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE 1957.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 55 @ 7.50 412.50  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 2369.50

PLUG & FLOAT EQUIPMENT

<u>1-4 1/2 Blue Part Collar</u>	@	<u>17.52</u>	<u>17.52</u>
<u>1-4 1/2 Blue Guide Shoe</u>	@	<u>1.65</u>	<u>1.65</u>
<u>1-4 1/2 Blue AFU Inset</u>	@	<u>2.47</u>	<u>2.47</u>
<u>6-4 1/2 Weatherford Centralizer</u>	@	<u>4.90</u>	<u>294.00</u>
<u>2-4 1/2 Weatherford Baskets</u>	@	<u>1.65</u>	<u>330.00</u>
			TOTAL <u>2789.54</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 Sid Deutscher  
 SIGNATURE Sid Deutscher

SALES TAX RECEIVED \_\_\_\_\_  
 KANSAS CORPORATION COMMISSION  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT NOV 13 2008 IF PAID IN 30 DAYS  
 CONSERVATION DIVISION  
 WICHITA, KS



# ALLIED CEMENTING CO., LLC. 042804

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

SERVICE POINT:  
Russell KS

DATE <u>7-31-08</u>	SEC. <u>12</u>	TWP. <u>9</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>12:45pm</u>	JOB FINISH <u>1:15pm</u>
LEASE <u>Pittman 12A</u>	WELL # <u>1</u>	LOCATION <u>Zurich KS 3 West to Rd 7</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>4 North West into</u>			

CONTRACTOR Express Well Service  
 TYPE OF JOB Port Collar  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 4 1/2 DEPTH \_\_\_\_\_  
 TUBING SIZE 2 7/8 DEPTH 1535'  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
~~TOOT PC~~ DEPTH 1535'  
 PRES. MAX 1000 psi MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER John Roberts  
 # 409 HELPER Travis  
 BULK TRUCK \_\_\_\_\_  
 # 473 DRIVER Rocky  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Test tool @ 1000psi. Opened port collar. Est. Circulation mixed 200 sk cement to circulate to surface. Displaced w/ 4.5 Bbl H<sub>2</sub>O. Closed port collar and test to 1000psi. Ran 5 jts tubing washed clean and came out of hole. Cement did circulate!

Thanks!

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 Thomas A Atkins

SIGNATURE Thomas A Atkins

OWNER \_\_\_\_\_  
 CEMENT (Used 200 sk)  
 AMOUNT ORDERED 350 ~~500~~ 60/40 6% Gel 1/4" Flo

COMMON	<u>120</u>	@	<u>13.50</u>	<u>1620.00</u>
POZMIX	<u>80</u>	@	<u>7.50</u>	<u>600.00</u>
GEL	<u>10</u>	@	<u>20.25</u>	<u>202.50</u>
CHLORIDE		@		
ASC		@		
<u>F10 Seal 50 lbs</u>		@	<u>2.45</u>	<u>122.50</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>310</u>	@	<u>2.25</u>	<u>697.50</u>
MILEAGE	<u>SK/mi 1.10</u>			<u>1705.00</u>

TOTAL 4947.50

**SERVICE**

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1158.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>55</u>	@	<u>7.50</u>
MANIFOLD	@		
	@		
	@		

TOTAL 1601.15

**PLUG & FLOAT EQUIPMENT**

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

RECEIVED  
KANSAS CORPORATION COMMISSION

NOV 13 2008

CONSERVATION DIVISION  
WICHITA, KS

*[Handwritten initials]*