

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

Operator: License # 5146
Name: Rains & Williamson Oil Co., Inc.
Address: 220 W. Douglas, Suite 110
City/State/Zip: Wichita, KS 67202
Purchaser: NCRA
Operator Contact Person: Juanita Green
Phone: (316) 265-9686
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: James C. Musgrove
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____
5/23/06 5/30/06 7/5/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 065-23181-0000
County: Graham
100' S & 70' W
NE - SW NW Sec. 20 Twp. 10 S. R. 21 East West
1750 feet from S / (circle one) Line of Section
920 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Thomason-Maxfield Well #: 1-20
Field Name: Wheeler South
Producing Formation: Lansing
Elevation: Ground: 2309' Kelly Bushing: 2314'
Total Depth: 4011' Plug Back Total Depth: 3860'
Amount of Surface Pipe Set and Cemented at 218 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1822 Feet
If Alternate II completion, cement circulated from 1822
feet depth to surface w/ 400 sx cmt.
60/40 poz. Had good cement to surface.
Drilling Fluid Management Plan A172-Dlg-11/20/08
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
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: Juanita M. Green
Title: President Date: 8/15/06
Subscribed and sworn to before me this 15th day of August,
20 06.
Notary Public: Patricia A. Thome
Date Commission Expires: June 18, 2009

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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PATRICIA A. THOME
Notary Public - State of Kansas
My Appt. Expires 6/18/09

Operator Name: Rains & Williamson Oil Co., Inc Lease Name: Thomason-Maxfield Well #: 1-20

Sec. 20 Twp. 10 S. R. 21 East West County: Graham

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: Dual Induction Log
 Borehole Compensated Sonic Log
 Microresistivity Log
 Dual Compensated Porosity Log
 Sonic Cement Bond Log

CASING RECORD <input 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#	218'	Common	150	2% gel, 3% cc
Production		5 1/2"	14#	4010'	ASC	175	2% gel, 10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	DV 1822	60/40 poz	400	6% gel (Good Circulation to Surface)

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	3926-32 (Arbuckle)		
4	3759-64 (KC)	750 gal. 60% ONE	3759'
	Bridge Plug @ 3860'		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3850'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
7/5/06		<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
	90		2		

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

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Electric Log: By Log Tech; Dual Induction, Dual Compensated Porosity Log,
Microresistivity Log and Borehole Compensated Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1787	+527
Topeka	3325	-1011
Heebner	3541	-1227
Toronto	3564	-1250
Lansing	3810	-1496
Base Kansas City	3878	-1564
Conglomerate	3923	-1609
Rotary Total Depth	4011	-1697
Log Total Depth	4011	-1697

(All tops and zones corrected to Electric Log measurements).

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ALLIED CEMENTING CO., INC. 24365

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

SERVICE POINT: Russell

DATE <u>5/23/06</u>	SEC. <u>20</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION <u>7:00 pm</u>	JOB START <u>8:00 pm</u>	JOB FINISH <u>8:15 pm</u>
LEASE <u>Thomas & Max Field</u>	WELL# <u>1-20</u>	LOCATION <u>Rigs & I-70 11 1/2 N</u>			COUNTY <u>Oregon</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 1/2 W 2 1/2 N E into</u>					

CONTRACTOR Murkin Drilling Rig #5
 TYPE OF JOB Surface Job
 HOLE SIZE 12 1/4 T.D. 218
 CASING SIZE 18 1/4 DEPTH 218
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13 661

OWNER _____
 CEMENT AMOUNT ORDERED 150 Con 39.00
29.00

EQUIPMENT
 PUMP TRUCK CEMENTER Steve
 # 409 HELPER Craig
 BULK TRUCK DRIVER Robert
 # _____ DRIVER _____

COMMON	<u>150</u>	@	<u>1065</u>	<u>1597.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>165</u>	<u>495</u>
CHLORIDE	<u>5</u>	@	<u>46.00</u>	<u>230.00</u>
ASC		@		
HANDLING	<u>158</u>	@	<u>190</u>	<u>300.20</u>
MILEAGE	<u>82/54</u>	MILE		<u>758.40</u>
TOTAL				<u>2939.00</u>

REMARKS:

Cement Circulated

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>215.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>60</u>	@	<u>5.00</u> <u>300.00</u>
MANIFOLD		@	
		@	
		@	

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TOTAL 1115.00

PLUG & FLOAT EQUIPMENT

		@	
		@	
	<u>8 1/2 Wood Ply</u>	@	<u>60.00</u>
		@	
		@	
TOTAL <u>60.00</u>			

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

LARRY PICKNER
 PRINTED NAME

CHARGE TO: Rains & Williamson
 STREET _____
 CITY _____ STATE _____ ZIP _____

JUN 02 2006

Approved by CB

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.

Thanks!

SIGNATURE Larry Pickner

ALLIED CEMENTING CO., INC. 25623

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

SERVICE POINT:
Russell

DATE <u>5-30-06</u>	SEC. <u>20</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT <u>3:00 Am</u>	ON LOCATION <u>4:15 Am</u>	JOB START <u>10:00 am</u>	JOB FINISH <u>11:00 Am</u>
LEASEE <u>THOMSON MAXFIELD</u> WELL # <u>1-210</u>				LOCATION <u>Riga - I-70 EXIT. N.</u>		COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>
OLD OR NEW (Circle one) <u>NEW</u>				To Co. line 2 1/2 W 2 N.			

CONTRACTOR MURFIN B #

TYPE OF JOB Production String (2-Stage)

HOLE SIZE 7 7/8 T.D. 4011

CASING SIZE 5 1/2 DEPTH 4010

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL DV TOOL @ DEPTH 1821'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 44 1/2 BBL

OWNER _____

CEMENT AMOUNT ORDERED 400 SK 60/40 62 GEL

1/4 # FIO-SEAL PER SK

COMMON	<u>240</u>	@	<u>10.65</u>	<u>2556.00</u>
POZMIX	<u>160</u>	@	<u>5.80</u>	<u>928.00</u>
GEL	<u>20</u>	@	<u>16.65</u>	<u>333.00</u>
CHLORIDE	_____	@	_____	_____
ASC	_____	@	_____	_____
<u>FIOSEAL</u>	<u>100 #</u>	@	<u>2.00</u>	<u>200.00</u>
HANDLING	<u>420</u>	@	<u>1.90</u>	<u>798.00</u>
MILEAGE	<u>60 Ton Mile</u>			<u>2016.00</u>
TOTAL				<u>6831.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shu

398 HELPER Gary-Jody

BULK TRUCK DRIVER Kyle

396

BULK TRUCK DRIVER Brian

345

REMARKS:

(TOP STAGE)

open DV TOOL @ 1000 #, Circ

Close TOOL @ 1500 #

Cement DID Circulate

10 SK @ mouse hole

15 SK @ RAT Hole

Alan Smith

Jerry Dickner

CHARGE TO: Reins & Williamson

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 955.00

EXTRA FOOTAGE @ _____

MILEAGE @ _____ NC-

MANIFOLD @ _____

TOTAL 955.00

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PLUG & FLOAT EQUIPMENT

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

TOTAL _____

To Allied Cementing Co., Inc.
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SIGNATURE Claude Blakesley

Claude Blakesley
PRINTED NAME