

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

REC. 11-13-00

API No. 15- 033-21042-000
County Comanche
ap - NW - SE - SW Sec. 23 Twp. 32S Rge. 19 X W

Operator: License # 3882

Name: Samuel Gary Jr. & Associates, Inc.

Address 1670 Broadway, Suite 3300

City/State/Zip Denver, CO 80202-4838

Purchaser: Reliant Energy

Operator Contact Person: Tom Fertal

Phone 303-831-4673

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Dale Padgett

Designate Type of Completion
New Well Re-Entry X Workover

Oil SWD SIOW Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: Old well info as follows:

Operator: SAMUEL GARY JR. & ASSOCIATES

Well Name: RICH 23-14

Comp. Date 2/15/00 Old Total Depth 6170

Deepening Re-Perf. Conv. To Inj/SWD
Plug Back PBTB
X Commingled Docket No. CO 110010
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

6/16/00 10/5/00
Spud Date Date Reached TD Completion Date

1130 Feet from South Line of Section

1800 Feet from West Line of Section

Footages calculated from nearest outside section corner: SW

Lease Name Rich Well # 23-14

Field Name Wildcat

Producing Formation Viola & Mississippian

Elevation: Ground 1980' KB 1993'

Total Depth 6170' PBTB 6080'

Amount of Surface Pipe Set and Cemented at 640 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 5271 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan OWWO 12-8-00 JK
(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

Quarter Sec. Twp. Rng.

County Docket No.

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82030196 and 82-3-107 apply. Information on 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 geological well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 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 Thomas Fertal

Title Senior Geologist Date Nov. 8, 2000

Subscribed and sworn to before me this 8th day of November 2000.

Notary Public David J. Masse

My Commission Expires June 29, 2002
Notary Public
State of Colorado

K.C.C. OFFICE USE ONLY
F YES Letter of Confidentiality Attached
C YES Wireline Log Received
C YES Geologist Report Received
Distribution
YES KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Operator Name Samuel Gary Jr. & Associates, Inc. Lease Name Rich Well # 23-14

Sec. 23 Twp. 32S Rge. 19 East West County Comanche

Instructions: Show important tops and base of formation penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample 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 (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List all E. Logs Run: dual induction comp neutron-density micro log sonic log Copies sent in with original ACO-1	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum Top <input type="checkbox"/> Sample Datum Name Tops reported on original ACO-1
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CASING RECORD <input checked="" 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
conductor	30"	20"		80'	10 sk grout	7 yds	
surface	12-1/4"	8-5/8"	25	640'	250 sx 65-35 poz & 100 sx class "A"	350	3% CC
production	7-7/8"	5-1/2"	15.5	6170'	Midcon II	290	2% CC, 1/4#/sk flocele, 5#/sk gilsonite, 0.4% H-344 & 0.5% CFR-3

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<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)	
		Amount	Depth
4	5787-94	500 gal 28% DSFe	5787-94'
4	5796-5800, 5800-5808	1500 gal 28% DSFe	5796-5808'
4	5124-26, 5131-37, 5147-54, 5159-61, 5180-88	3500 gal 20% DSFe, 7000 gal 15% NEDSFe, 3300 gal gelled 2% clafix, 1000# rock salt, 150# benzoic acid fiks	5124-88'

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>6035'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>10/5/00</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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		125	20		

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18).	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>5124 - 5808 OA</u>
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