

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

API No. 15- 033-21252-0000

ORIGINAL

County Comanche

C - NW - NW - NW Sec. 23 Twp. 32S Rge. 19 X W

330 Feet from North Line of Section

330 Feet from West Line of Section

Footages calculated from nearest outside section corner: NW

Operator: License # 3882

CONFIDENTIAL

Name: Samuel Gary Jr. & Associates, Inc.

Address 1670 Broadway, Suite 3300

City/State/Zip Denver, CO 80202-4838

Purchaser: _____

Operator Contact Person: Tom Fertal

KCC

Phone 303-831-4673

Contractor: Name: Duke Drilling Co., Inc.

DEC 06 2001

License: 5929

CONFIDENTIAL

Wellsite Geologist: Dale Padgett

Designate Type of Completion

New Well Re-Entry Workover

RELEASED

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

JAN 04 2005

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-Perf. Conv. To Inj/SWD
 Plug Back PBSD

Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8/13/01 8/27/01 8/28/01
Spud Date Date Reached TD Completion Date

Lease Name MIDGE HERD Well # 23-4

Field Name Wildcat

Producing Formation _____

Elevation: Ground 2015' KB 2026'

Total Depth 5992' PBSD _____

Amount of Surface Pipe Set and Cemented at 683' 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 See 3.4.03
(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. CONSERVATION DIVISION WICHITA, KS W

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 Dec. 6, 2001

Subscribed and sworn to before me this 6th day of December 2001.

Notary Public Laura E. Alarid

My Commission Expires _____

LAURA E. ALARID
NOTARY PUBLIC
STATE OF COLORADO

My Commission Expires 03/28/2005

K.C.C. OFFICE USE ONLY		
F <input checked="" type="checkbox"/>	Letter of Confidentiality Attached	
C <input checked="" type="checkbox"/>	Wireline Log Received	
C <input checked="" type="checkbox"/>	Geologist Report Received	
Distribution		
_____ KCC	_____ SWD/Rep	_____ NGPA
_____ KGS	_____ Plug	_____ Other (Specify)

Operator Name Samuel Gary Jr. & Associates, Inc. Lease Name MIDGE HERD Well # 23-4

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 Yes No
 (Attach Additional Sheets.)
 Sample Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List all E. Logs Run: dual induction
 comp neutron-density
 micro resistivity

Log Formation (Top), Depth and Datum Sample Datum
 Name Top
 STONE CORRAL 1003 (1023)
 WABAUNSEE 3394 (-1368)
 BASE HEEBNER SHALE 4275 (-2249)
 STARK SHALE 4772 (-2746)
 CHEROKEE SHALE 5072 (-3046)
 TOP MISS UNCONFORMITY 5154 (-3128)
 VIOLA 5850 (-3824)

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RECEIVED
 KANSAS CORPORATION COMMISSION

DEC 07 2001

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							CONSERVATION DIVISION WICHITA, KS
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"		82'	10 sk grout	9 YDS	
surface	12-1/4"	8-5/8"	23#	683'	65-35 poz Class A	235 250	6% gel, 3% CC & 1/4#/sk flocele 2% gel, 3% CC

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
		RELEASED	
		JAN 04 2005	
		FROM CONFIDENTIAL	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
					<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.		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 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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ORIGINAL

DEC 07 2001

CONSERVATION DIVISION
WICHITA, KS

01

09/22/01 10:23 FAX 11 386 3134

ALLIED MED LODGE ALLIED RUSSELL

RELEASED

JAN 04 2005

DEC 06 2001

CONFIDENTIAL

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC. 8255

SERVICE POINT
Med Lodge

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

DATE <i>8-11-01</i>	SEC. <i>23</i>	TWP. <i>32</i>	RANGE <i>19</i>	CALLER <i>Med Lodge</i>	ON LOCATION <i>7:00 AM</i>	JOB START <i>10:30 AM</i>	JOB FINISH <i>4:15 PM</i>
LEASE <i>Med Lodge</i>	WELL # <i>23-4</i>	LOCATION <i>Calwater Carwash</i>		COUNTY <i>Comanche</i>	STATE <i>KS</i>		
OLD OR NEW (Circle one) <input checked="" type="radio"/> NEW							

CONTRACTOR <i>Duke #1</i>	TYPE OF JOB <i>Surface</i>	ID. <i>683</i>
HOLE SIZE <i>6 1/2</i>	DEPTH <i>683</i>	
CASING SIZE <i>8 1/2 x 12 1/2</i>	DEPTH	
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL <i>Roller</i>	MINIMUM <i>NO</i>	SHOE JOINT <i>70</i>
PRES. MAX <i>400</i>		
MEAS. LINE		
CEMENT LEFT IN CSG.		
PERFS.		
DISPLACEMENT <i>41 APPLS Fresh H₂O</i>		

OWNER *Sam Gary JR & Assoc.*

CEMENT AMOUNT ORDERED	235 SK 15.75 @ 3.00	2327.50
1/4" 1/2" seal	200 SK class A 3% cc @ 2.00	400.00
2 1/2" gel	700 @ 1.00	700.00
APL	150 @ 3.90 CC @ 6.65	997.50
COMMON	350 @ 1.00	350.00
POZ MIX	4 @ 10.00	40.00
CEL	20 @ 30.00	600.00
CHLORIDE	1 @ 1.00	1.00
FLU-SOL	59 @ 0.75	44.25
PLW	235 @ 1.90	446.50
HANDLING	621 @ 1.10	683.10
MILEAGE	844 @ .04	1092.96
	621 @ .04	24.84
TOTAL		6306.66

PUMP TRUCK #359-281	CEMENTER <i>Justin Hart</i>
BULK TRUCK #210-251	HELPER <i>Jack Brungardt</i>
BULK TRUCK #353-258	DRIVER <i>Danyne West</i>
	DRIVER <i>Kevin Congrove</i>

REMARKS: *lost Circ*
Pipe on bottom break Csg - 83 BLS
APL 235 SK 15.75 @ 3.00
APL 100 SK 1.5 @ 1.50
Release Plug + Disp 41 APPLS
Did not Circ Top off 150 SK class
APL Top off 150 SK class
A 3% cc Cement in Cellar

DEPTH OF JOB	683'	520.00
PUMP TRUCK CHARGE	0-300'	50.00
EXTRA FOOTAGE	383'	191.50
MILEAGE	44	17.60
PLUG	88 TRP	102.00
TOTAL		943.50

2719.56
7250.16
400.00
7710.16

CHARGE TO: *Sam Gary & Assoc. To Larson Eng*
 STREET *562 W Hwy 4*
 CITY *Omaha* STATE *Kansas* ZIP *67544*

FLOAT EQUIPMENT	
1- 8' plate	@ 45.00 45.00
1- 2' basket	@ 120.00 120.00
1- Central 20	@ 55.00 55.00
TOTAL	460.00

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 *8005.46*
 DISCOUNT *800.55* IF PAID IN 30 DAYS
7204.91
 Mike Godfrey
 PRINTED NAME

SIGNATURE *Mike Godfrey*

7710.16
771.02
6939.14

BB

DEC 07 2001

Samuel Gary Jr. & Associates, Inc.
1670 Broadway, Suite 3300, Denver, CO 80202 (303) 831-4673

12-6-2001

CONSERVATION DIVISION
WICHITA, KS

December 6, 2001

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DEC 06 2001
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ORIGINAL

Mr. Dave Williams
Kansas Corporation Commission
130 South Market, Room - 2078
Wichita, Kansas 67202

RELEASED
JAN 04 2005

Re: Midge Herd 23-4
Comanche County, Kansas
API# 15-033-21252-0000

FROM CONFIDENTIAL

Dear Dave,

Attached please find the ACO-1, Well History Description of Well and Lease, along with Form CP-4; with copies of all E-logs, Geologist Report, Drill Stem Tests, and all cementing tickets for the subject Well.

We hereby request that this ACO-1, and all data included, be held **CONFIDENTIAL**.

If there are any questions, or if you need any additional information, please contact me at Samuel Gary Jr. & Associates, Inc. at the telephone number shown on the letterhead.

Sincerely,



Thomas G. Fertal
Sr. Geologist

Enclosure