

FORM MUST BE TYPED

CONFIDENTIAL

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

3882

Operator: License # 3882
Name: Samuel Gary Jr. & Associates
Address: 1670 Broadway, Ste 3300

City/State/Zip Denver, CO 80202Purchaser: Kas Gas CorporationOperator Contact Person: Tom Fertal
Phone (303) 831-4673Contractor: Name: Duke Drilling RELEASED
License: 5929Wellsite Geologist: N/A APR 09 1999Designate Type of Completion FROM CONFIDENTIAL
 New Well Re-Entry Workover

<input type="checkbox"/> Oil	<input type="checkbox"/> SWD	<input type="checkbox"/> SLOW	<input type="checkbox"/> Temp. Abd.
<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> ENHR	<input type="checkbox"/> SIGW	
<input type="checkbox"/> Dry	<input type="checkbox"/> Other (Core, WSW, Expl., Cathodic, etc)		

If Workover:

Operator: N/A MAR 12Well Name: CONFIDENTIALComp. Date Old Total Depth

<input type="checkbox"/> Deepening	<input type="checkbox"/> Re-perf.	<input type="checkbox"/> Conv. to Inj/SWD
<input type="checkbox"/> Plug Back		<input type="checkbox"/> PBTD
<input type="checkbox"/> Commingled	<input type="checkbox"/> Docket No.	
<input type="checkbox"/> Dual Completion	<input type="checkbox"/> Docket No.	
<input type="checkbox"/> Other (SWD or Inj?) Docket No.		

11/22/96 12/04/96 01/02/97
Spud Date Date Reached TD Completion Date

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 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 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 Judith D. HarmonTitle President Date 02/26/97Subscribed and sworn to before me this 26th day of February, 19 97.Notary Public Judith D. HarmonCommission Expires January 30, 1999MY COMMISSION EXPIRES:
January 30, 1999

SIDE ONE

API NO. 15- 033-209200000

Comanche

ACO-1

County NE SW NE Sec. 36 Twp. 32S Rge. 19 E W1550 Feet from SW (circle one) Line of Section1550 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(NE) SE, SW or NE (circle one)Lease Name Reynolds Well # 36-7Field Name ColterProducing Formation ViolaElevation: Ground 2066 KB 2079Total Depth 6250 PBTD 5880Amount of Surface Pipe Set and Cemented at 668 FeetMultiple Stage Cementing Collar Used? Yes NoIf yes, show depth set N/A FeetIf Alternate II completion, cement circulated from N/Afeet depth to W/ N/A sx cmt.Drilling Fluid Management Plan RTT NS RE
(Data must be collected from the Reserve Pit) 6-11-97 DPW CS CP CP CP CPChloride content ppm Fluid volume bblsDewatering method used CP DM DM DM DM DMLocation of fluid disposal if hauled offsite: CP DM DM DM DM DMOperator Name Gene DillLease Name Regier SWD License No. 6652Quarter 17 Sec. 33 Twp. 33 S Rng. 27 EWCounty Meade Docket No. CD9824

K.C.C. OFFICE USE ONLY
 F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

Distribution
 KCC SWD/Rep
 KGS Plug Other
JOG (Specify)

SIDE TWO

Operator Name Samuel Gary Jr. & AssociatesLease Name ReynoldsWell # 36-7Sec. 36 Twp. 32S Rge. 19 East WestCounty Comanche

CONFIDENTIAL

COPY

INSTRUCTIONS: Show important tops and base of formations 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.)

Yes No

Samples Sent to Geological Survey

Yes No

Cores Taken

Yes No

Electric Log Run
(Submit Copy.)

Yes No

List All E.Logs Run:

Micro resistivity

Compensated neutron - COMP. PHOTO DENSITY

Array induction shallow focused E. log

Compensated longspaced sonic

Log

Formation (Top), Depth and Datums

Sample

Name	Top	Datum
Lansing	4495	-2416
Hertha	4834	-2755
Swope	4904	-2825
Marmaton	5030	-2952
Pawnee	5088	-3009
Mississippian	5204	-3125
Viola	5814	-3735
Simpson	6030	-3951
Arbuckle	6086	-4007

CASING RECORD

New 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	---	60	Redi Mix	---	---
surface	12-1/4	8-5/8	24	663	65-35 POZ	325	6% Gel, 3% CC
production	7-1/8	5-1/2	15.5	6250	50-50 POZ	388	2% Gel, 10% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	RELEASED	Type and Percent Additives
Perforate				APR 09 1999	
Protect Casing	N/A				
Plug Back TD					
Plug Off Zone					

FROM CONFIDENTIAL

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)
4	6103-6106 ft. Arbuckle	150 Gal DSFE Acid
	BP @ 5880 ft. Arrow	
4	5837-5824 ft. Viola	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	5800	5800		

Date of First, Resumed Production, SWD or Inj. N/A	Producing Method	<input checked="" 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
	-0-		387		240		-0-	

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

Operator Name Samuel Gary Jr. & Associates Lease Name Revoire Well # 36-7
 Sec. 36 Twp. 32 Rge. 19 East West County Comanche

INSTRUCTIONS: Show important tops and base of formations 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's if more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.)

Yes No

Samples Sent to Geological Survey

Yes No

Cores Taken

Yes No

Electric Log Run
(Submit Copy.)

Yes No

List All E.Logs Run:

Logs were submitted with the original
ACO-1

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Lansing	4495'	-2416'
Stark	4830'	-2751'
Swope	4835'	-2756'
Marmaton	5030'	-2952'
Pawnee	5088'	-3009'
Mississippian	5204'	-3125'
Viola	5814'	-3735'
Simpson	6030'	-3951'
Arbuckle	6086'	-4007'

CASING RECORD

New 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	-	60	Redimix	-	-
Surface	12 1/4	8 5/8	24	663	65-35 Poz	325	6% gel
Production	7 7/8	5 1/2	15.5	6250	50-50 Poz	388	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate	Top			
Protect Casing	Bottom			
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
4	6103-6106' CIBP @ 5995'	150 gal 15%	
4	5838-5842' CIBP @ 5800'	none	
4	5259-5263' 5295-5301'	1000 gal 15%	
4	5095-5104' (900 gal 15%) 4837-4840' 4729-4734' (450 gal 15%)		

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	5093'	4644'		

Date of First, Resumed Production, SWD or Inj. 6-5-97	Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil 0	Blbs.	Gas 588	Mcf	Water 100	Blbs.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION

<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	<input type="checkbox"/> Other (Specify) <u>4729-4734'</u>
		<u>4737-4840'</u>
		<u>5095-5104'</u>
		<u>5259-5263'</u>
		<u>5295-5301'</u>