

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

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

City/State/Zip Denver, CO 80202
Purchaser: KOCH
Operator Contact Person: Tom Fertal
Phone (303) 831-4673
Contractor: Name: Pratt Well Service
License: 5893
Wellsite Geologist: NA

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:

Operator: Samuel Gary Jr. & AssociatesWell Name: Selzer 16-8Comp. Date 3-19-94 Old Total Depth 7350'

~~XXX~~ CEMENT SQUEEZE
~~XXX~~ Deepening ~~XXX~~ Re-perf. ☐ Conv. to Inj/SWD
☒ Plug Back 5600' PBTD
☐ Commingled ☐ Docket No. ☐
☐ Dual Completion ☐ Docket No. ☐
☐ Other (SWD or Inj?) ☐ Docket No. ☐

1-19-971-27-97

DATE OF START Date Reached TO Completion Date OF
OF WORKOVER WORKOVER

API NO. 15- 033-20889-0001County ComancheNE-NE-SW Sec. 16 Twp. 34S Rge. 20 XW2310 Feet from SW (circle one) Line of Section2125 Feet from EN (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Selzer Well # 16-9Field Name Schumacher NorthProducing Formation PawneeElevation: Ground 1752' KB 1765'Total Depth 7550' PBTD 5600'Amount of Surface Pipe Set and Cemented at 708' FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 6487 FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan REWORK 84 6-4-97
(Data must be collected from the Reserve Pit)Chloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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 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 Thomas FertalTitle Senior Geologist Date 5/27/97Subscribed and sworn to before me this 27th day of May, 19 97.Notar: Public Judith D. HarmonDate Commission Expires January 31, 1999

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

Operator Name Samuel Gary Jr. & Associates

Lease Name Selzer

Well # 16-9

Sec. 16 Twp. 34S Rge. 20

☐ East

County Comanche

☒ West

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 ☐ Yes ☒ No
(Attach Additional Sheets.)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

All logs were submitted with the original ACO-1

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Elgin	3991'	-2226'
Douglas	4133'	-2368'
Lansing	4260'	-2495'
Swope	4693'	-2928'
Marmaton	4804'	-3039'
Pawnee	4890'	-3125'
Osage	5476'	-3711'
Viola	5929'	-4164'
Simpson	6102'	-4337'
Arbuckle	6263'	-4498'

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		42	redi-mix		
Surface	12 1/4	8 5/8	24	708	65/35, A	200 150	6%gel, 3%cc 2%gel
Production	7 7/8	5 1/2	15.5&17	7390	50/50, H	280	2%gel 5% 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				
	5620-22	H 50/50 poz	490	2%gel 5% salt 2%CC

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
0	OPEN HOLE	5000 gal 15% Hcl	7390'-7550'
	CIBP 7350'		
2	6363-6312' 5948-5972' (4)	none	
4	CIBP 6230-5600 4905-4912'	1750 gal 15% Hcl	4905'-4912'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	4974'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method			
1-27-97	<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 5 Bbls.	Gas 15 Mcf	Water 1 Bbls.	Gas-Oil Ratio Gravity

Position of Gas: ☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION ☒ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 4905-4912'
☐ Other (Specify) _____

Production Interval