

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: WELLTECH

License: 3419

Wellsite Geologist: NONE

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. & ASSOC.

Well Name: SELZER 16-9

Comp. Date 8/19/94 Old Total Depth 7350'

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

11/18/97 ----- 11/22/97  
Spud Date Date Reached TD Completion Date

API NO. 15-033-20889-00-02

County COMANCHE

-NE-NE-SW Sec. 16 Twp. 34S Rge. 20 <sup>E</sup>/<sub>W</sub>

2310 Feet from S (circle one) Line of Section

2125 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or S (circle one)

Lease Name SELZER Well # 16-9

Field Name SCHUMACHER NORTH

Producing Formation LKC, HERTHA, SWOPE

Elevation: Ground 1752' KB 1765'

Total Depth 7550' PBTB 4830'

Amount of Surface Pipe Set and Cemented at 708' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 6487' Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan OWWO 2-24-98 U.C.  
(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 Rng. \_\_\_\_\_ E/W

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 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 J Fertal

Title Sr. Geologist Date 2/11/98

Subscribed and sworn to before me this 11th day of February, 19 98.

Notary Public Christina C. O'Kea

Notary Commission Expires 3-24-98

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
2-17-98

Operator Name SAMUEL GARY JR. & ASSOCIATES Lease Name SELZER Well # 16-9

Sec. 16 Twp. 34S Rge. 20

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 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:  
THIS INFORMATION WAS SUBMITTED WITH THE ORIGINAL ACO-1

Log Formation (Top), Depth and Datums  Sample  
Name Top Datum

THIS INFORMATION WAS SUBMITTED WITH THE ORIGINAL ACO-1

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	350	GEL&CCL
PRODUCTION	7 7/8"	5 1/2"	15.5	7390/	50/50 POZ	280	GEL&SALT

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
	CIBP-7350', 6230', 5600', 4830'	5000 GALS ACID	7390-7550'
2	6363-6312' (4) 5948-5972'	NONE	
4	4905-4912'	1750 GAL ACID	
4	* 4302-4304' 500 GALS ACID; 4725-4738', 4680-4703' 2700 GALS ACID		

SIZE RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	4766'	4272'		

Date of First, Resumed Production, SLD or Inj. 11/22/97 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50	80	0	1600	37.8

Position of Gas: **METHOD OF COMPLETION** Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 4302-  
(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_ 4738

\* see attached for more detailed perforations *18/97*

ORIGINAL

ACO-1

15-033-20889-00-02

SELZER 16-9  
SECTION 16 - T34S - R20W  
COMANCHE CO., KANSAS

Perforation Record Continued

4 SPF : 4302 - 4306 ; 4309 - 4314 ; 4725 - 4730 ; 4734 - 4738 ; 4680 - 4686 ;  
4689 - 4696 ; 4698 - 4703 .

FEB 1 1968

COMMERCIAL RECORDS  
2000