

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

API NO. 15- 033-20932-0000

County COMANCHE

25'E-NW-SE-NW Sec. 3 Twp. 33S Rge. 19 X W

1650 Feet from S (circle one) Line of Section

1675 Feet from E (circle one) Line of Section

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

Lease Name WILLEMS Well # 3-6X

Field Name COLTER WEST

Producing Formation MISS., FT. SCOTT, PAWNEE

Elevation: Ground 1936' KB 1949'

Total Depth 6220' PBDT 5358'

Amount of Surface Pipe Set and Cemented at 668' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ 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 RELEASED hauled offsite:

Operator Name APR 09 1999

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 3882

Name: SAMUEL GARY JR. & ASSOCIATES

Address 1670 BROADWAY, SUITE 3300

City/State/Zip DENVER, CO 80202

Purchaser: PG&E

Operator Contact Person: TOM FERTAL

Phone (303) 831-4673

Contractor: Name: WELLTECH WELL SERVICE

License: 3419

Wellsite Geologist: _____

Designate Type of Completion

____ New Well ____ Re-Entry X Workover

____ Oil ____ SWD ____ SLOW ____ Temp. Abd.

X Gas ____ ENHR ____ SIGW

____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: SAMUEL GARY JR. & ASSOC.

Well Name: WILLEMS 3-6X

Comp. Date 8-2-97 Old Total Depth 6220

____ Deepening X Re-perf. X Conv. to Inj/SWD

____ Plug Back _____ PBDT

X Commingled _____ Docket No. _____

____ Dual Completion _____ Docket No. _____

____ Other (SWD or Inj?) _____ Docket No. _____

11-24-97 _____ 12-02-97

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 Thomas Fertal

Title Geologist Date 2/11/98

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

Notary Public Chris O'Shea

Date Commission Expires 8-24-98

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

SIDE TWO

Operator Name SAMUEL GARY JR. & ASSOCIATES Lease Name WILLEMS Well # 3-6X

Sec. 3 Twp. 33S 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 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:

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

ALL INFORMATION WAS INCLUDED WITH THE ORIGINAL ACO-1

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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	17 1/2"	13 3/8"	54.5	132	L CL A	225	3%CC& GEL
SURFACE	12 1/4"	8 5/8"	24#	668	L.CL A	325	6% GEL&CC
PRODUCTION	7 7/8"	5 1/2"	15.5	5358	65/35	325	3%CC2%GEL

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
4	5142-5146, 5163-5169, 5178-5212'	4400 GAL 15%
4	5245-5249, 5253-5256, 5220-5224,	5149-5153 1100 GAL 15%
4	5220-5224, 5245-5249, 5253-5256	"
4	5021-5027, 4995-5002, 5006-5008, 5	49-5153 1500 GAL 15%

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>5256'</u>	Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
12002-97				
Estimated Production Per 24 Hours	Oil <u>0</u> Bbls.	Gas <u>560</u> Mcf	Water <u>0</u> Bbls.	Gas-Oil Ratio <u>NA</u> Gravity <u>NA</u>

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: 4995'
5256'