

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, Inc

Address 1775 Sherman Street, Suite 1925

City/State/Zip Denver, Colorado 80203

Purchaser: N/A

Operator Contact Person: Steve Fredrickson

Phone (303) 623-0070-303-831-4673

Contractor: Name: Brandt Drilling

License: \_\_\_\_\_

Wellsite Geologist: Tim McKoy

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/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

4/2/92 4/22/92 4/23/92  
Spud Date Date Reached TD Completion Date

API NO. 15- 033-20,850-0000 ORIGINAL  
County Comanche  
- SW - SE Sec. 16 Twp. 34S Rge. 20  E  W

660 Feet from  N (circle one) Line of Section  
2310 Feet from  W (circle one) Line of Section

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

Lease Name Selzer Well # 16-15

Field Name First Snow

Producing Formation N/A

Elevation: Ground 1745 KB 1751

Total Depth 6500 PBTB \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 679 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 D & A 92 11-4-93  
(Data must be collected from the Reserve Pit)

Chloride content 9000 ppm Fluid volume 2000 bbls

Dewatering method used Hauled Offsite

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name KBW

Lease Name Harmon SWD #1 License No. \_\_\_\_\_

NW Quarter Sec. 11 Twp. 32 S Rng. 20 E/W

County Comanche Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Samuel Gary, Jr

Title President Date 06/10/92

Subscribed and sworn to before me this 10th day of June 19 92

Notary Public Jean S. Lucero  
Date Commission Expires 01/21/1996

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
G Wireline Log Received  
H Geologist Report Received  
RECEIVED JUN 12 1992  
STATE CORPORATION COMMISSION  
6-12-92  
KCC  
KGS  
Distribution  
SWD/Rep \_\_\_\_\_ NGPA  
Plug \_\_\_\_\_ Other (Specify)  
CONSERVATION DIVISION  
Wichita, Kansas  
Form ACO-1 (7-91)

Operator Name Samuel Gary, Jr. & Associates, Inc Lease Name Selzer Well # 16-15

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 (Submit Copy.)  Yes  No

List All E.Logs Run: SHALLOW FOCUSED DUAL INDUCTION  
COMPENSATED NEUTRON  
SONIC

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

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
Surface casing	12 $\frac{1}{4}$	8 5/8	24	679	60/40 Poz	325	3% Gel 2% CaCl <sub>2</sub>

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate	40'	60/40 Poz	10	6% Gel
Protect Casing	700'	60/40 Poz	40	6% Gel
<input checked="" type="checkbox"/> Plug Back TD	850'	60/40 Poz	50	6% Gel
Plug Off Zone	6410'	60/40 Poz	40	6% Gel

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	

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. Producing Method  Flowing  Pumping  Gas Lift  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 \_\_\_\_\_

ORIGINAL

SAMUEL GARY, JR. & ASSOCIATES, INC.  
SELZER 16-15

DRILL STEM TEST #1

Halliburton ran conventional open hole test of Mississippian.

DATE OF TEST: April 11, 1992

TEST INTERVAL: 5138'-5152'

PRESSURES & TIMES:

Initial Hydrostatic:	2433 psi		
Initial Flow:	29 psi to 48 psi		15 min
Initial Shut-in:	1889 psi		30 min
Final Flow:	10 psi to 19 psi		80 min
Final Shut-in:	1908 psi		190 min
Final Hydrostatic:	2433 psi		

RECOVERY: 10 ft of drilling mud.

SAMPLER:	28 psi	0.210 cu. ft. gas
	0 cc oil	
	0 cc mud	
	0 cc water	

BLOW: Tool opened with weak blow. Blow to bottom of bucket in 2 minutes. Tool reopened with strong blow. Gas to surface in 10 min, 20.7 MCFPD; 25.0 MCFPD at 20 min; 27.0 MCFPD at 30 min; 29.0 MCFPD at 40 min; 29.9 MCFPD at 50 min; 30.8 MCFPD at 60 to 80 min.

TEMPERATURE: 117°F at 5147'.

REMARKS: Gas specific gravity = 0.6113  
1049 Btu/Cu Ft

RECEIVED  
STATE CORPORATION COMMISSION  
JUN 12 1992  
CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

SAMUEL GARY, JR. & ASSOCIATES, INC.  
SELZER 16-15

DRILL STEM TEST #2

Halliburton ran straddle test of Viola.

DATE OF TEST: April 19, 1992

TEST INTERVAL: 6100-6175'

PRESSURES & TIMES:

Initial Hydrostatic:	2901 psi	
Initial Flow:	337 psi to 1000 psi	18 min
Initial Shut-in:	2128 psi	30 min
Final Flow:	1019 psi to 2004 psi	90 min
Final Shut-in:	2071 psi	180 min
Final Hydrostatic:	2823 psi	

RECOVERY: 60 ft of drilling mud, 140' of gas cut mud, and 3,980' of gas cut saltwater.

SAMPLER: 28 psi 1.637 cu. ft. gas  
75 cc oil 3464 scf/stb gor  
trace mud  
2250 cc water

BLOW: Tool opened with good blow. Strong blow from bottom of bucket in 50 seconds. Gas to surface on initial shut-in in 7 minutes. Tool reopened with good blow.

<u>Time</u>	<u>Pressure</u>	<u>MCFPD</u>
10 min	15 psi	44
20	13	41
30	10	37
40	6	30
50	6	30
60	4	28
70	3.5	27
80	3.5	27
90	3.5	27

Flow rates on 1/4" choke.

TEMPERATURE:

REMARKS: Gas specific gravity = 0.928  
955 Btu/Cu Ft

TELEPHONE:  
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.  
P. O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

to: Samuel Gary Jr. & Associates, Inc.  
1775 Sherman St., Suite 1925  
Denver, CO 80203

INVOICE NO. 61674  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Selzer #16-15  
DATE April 23, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 99 sks @\$5.25	\$519.75	
Pozmix 66 sks @\$2.25	148.50	
Gel 10 sks @\$6.75	<u>67.50</u>	\$ 735.75
Handling 165 sks @\$1.00	165.00	
Mileage (60) @\$.04¢ per sk per mi	396.00	
Plug	475.00	
Mi @\$2.00 pmp trk chg	<u>120.00</u>	<u>1,156.00</u>
	Total	\$1,891.75

40 sks @6410'  
50 sks @850'  
40 sks @700'  
15 sks in RH  
10 sks in MH

RECEIVED

APR 28 1992

SAMUEL GARY JR. & ASSOC. INC.

Thank you!

*Steven C. Fredrickson*

700-~~600~~ 72

If account CURRENT 20% discount will  
be allowed ONLY if paid within 30 days  
from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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STATE CORPORATION COMMISSION

JUN 12 1992

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

30

*New*

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	
4-3-92	16	34	20	12:30 AM	3:50 AM	11:55 AM	
Lease Selack	Well No. 16-15	Location	Protection - 55' x 2' x 55' x 2' W - 5' x 5' into				County Comanche

Contractor	Brandt #2
Type Job	Surface
Hole Size	12 1/4" T.D. 687
Csg.	8 5/8" Depth
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	37' Shoe Joint
Press Max.	Minimum
Meas Line	Displace 4 1/2 bbls
Perf.	

Owner - Same

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 listed.

Charge To SAM GARY Jr.

Street 1775 Sherman Suite 190

City Denver State Colo. 8020

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. Larry D. Benedict

**EQUIPMENT**

No.	Cementer	Jack W
Pumptrk 63	Helper	Don H.
No.	Cementer	
Pumptrk	Helper	
	Driver	
Bulktrk 208	Driver	Tancy

**CEMENT**

Amount Ordered	325 sq ft 6" / 10" 243
Consisting of	
Common	195 5.25 1023.75
Poz. Mix	130 2.25 292.50
Gel.	7 6.75 NIC
Chloride	10 21.00 210.00
Quickset	

**DEPTH of Job**

Reference:	Pump Truck	380.00
	60 Mileage	120.00
	1- 8 5/8 Surface plug	42.00
	387' at .39	150.93
	<b>Total</b>	<b>692.93</b>

Handling	325	1.00	325.00
Mileage	60		780.00
<p><i>Thanks</i></p>			Total 2631.25

Remarks: Run 16. It's a New 24 1/2 8 5/8 + landing in. Run 325 sq ft Cement - Cement circ. good @ 27 bbls.

Floating Equipment

2- 8 5/8 Centralizers	- 122.00
1- 8 7/8 Back cut	- 180.00
1- 8 5/8 Baffle Plate	- 31.50
<b>Total \$</b>	<b>333.50</b>

Total \$ 3657.66

Disc - 731.54

**\$ 2926.14**

RECEIVED \$  
CORPORATION COMMISSION  
JUN 12 1992  
DIVISION

04021475

# ALLIED CEMENTING CO., INC. No 3034

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

4-22-92

4-23-92

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-23-92	16	34	20	10:15 PM.	1:30 AM	4:15 AM.	10:45 AM
Lease Selzer	Well No. #	Location		County		State	
	16-15	Protection, Ss, 1/2 W, 25, 1/2 W, 1/2 S,		Comanche		KS.	

Contractor	Brawdt
Type Job	Rotary Plug
Hole Size	7 7/8"
Csg.	T.D. 6500'
Tbg. Size	Depth
Drill Pipe	4 1/2"
Tool	Depth 6410'
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner Same  
 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 listed.

Charge To Samuel Gary Jr. and Associates, Inc.  
 Street 1775 Sherman St. Suite 1925  
 City Denver State Colo. 80203  
 The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.  
*Samuel Gary Jr.*  
**CEMENT**

**EQUIPMENT**

#	No.	Cementer	
Pumptrk	181	Helper	Tim Cary
	No.	Cementer	
Pumptrk		Helper	
	#	Driver	Mark
Bulktrk	68	Driver	
Bulktrk		Driver	

Amount Ordered	115 SKS 60/40 (60 Gel)		
Consisting of			
Common	99	5.25	519.75
Poz. Mix	66	2.25	148.50
Gel.	10	6.75	67.50
Chloride			
Quickset			

**DEPTH of Job**

Reference:	Pumptrk Charge	475.00
	60 Pumptrk Mileage	120.00
	<del>Sub Total</del>	
	Tax	
	Total	\$ 595.00

Handling	165	1.00	165.00
Mileage	60		396.00
		<del>Sub Total</del>	
		Total	\$ 1296.75

Remarks: Mixed-40sk at 6410'  
 50 SKS AT 850'  
 40 SKS AT 700'  
 10 SKS AT 410'  
 15 SKS in Rathole,  
 10 SKS in Mousehole,

Floating Equipment  
**TOTAL \$ 1891.75**  
 RECEIVED STATE CORPORATION COMMISSION  
 JUN 12 1992 \$ 378.35  
 \$ 1513.40  
 ALLIED CEMENTING CO. INC.  
 Wichita, Kansas