

ORIGINAL

SIDE ONE

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, CO 80203

Purchaser: N/A  
Operator Contact Person: Mr. Dan Hall  
Phone (303) 831-4673

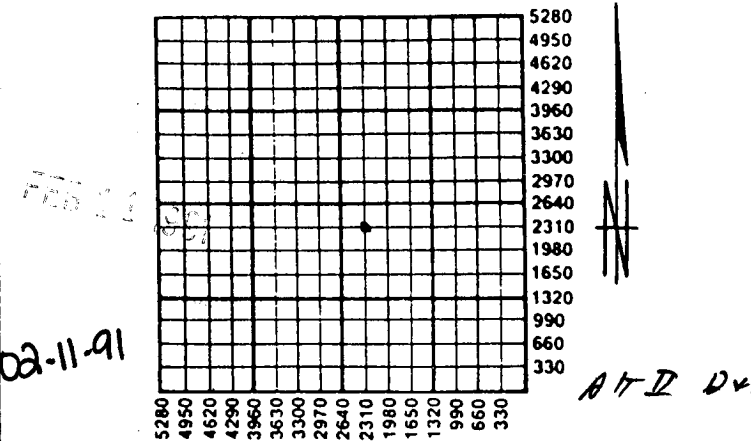
Contractor: Name: Norseman Drilling, Inc.  
License: 03779  
Wellsite Geologist: T. M. McCoy

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11/30/90 12/10/90 12/11/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 071-20531-00-00  
County Greeley  
NW NW SE Sec. 11 Twp. 16S Rge. 42  East  
2,310' Ft. North from Southeast Corner of Section  
2,310' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Voyager Well # 1-11  
Field Name NE Sydney  
Producing Formation N/A  
Elevation: Ground 3787' KB 3799'  
Total Depth 5200' PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 396 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N/A Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]  
Title Dan Hall Date 01/14/91  
Subscribed and sworn to before me this 14th day of January,  
19 91.  
Notary Public [Signature]  
Joan S. Lucero  
Date Commission Expires 12/30/91

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

**SIDE TWO**

Operator Name Samuel Gary Jr. & Associates, Inc. Lease Name Voyager Well # 1-11

Sec. 11 Twp. 16S Rge. 42  East  West  
 County Greeley

**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.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Stone Corral	2696	2724
Topeka	3852	4081
Heebner	4081	4146
Lansing	4146	4580
Marmaton	4580	4644
Cherokee	4697	4840
Atoka	4840	5002
Morrow	5002	5076
Keyes	5076	5146
St. Genevieve	5146	--

**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	12-1/4"	8-5/8"	24	396	60/40 POZ	200	3% CaCl <sub>2</sub> , 2% gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production \_\_\_\_\_ 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  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

Samuel Gary, Jr. & Associates, Inc.  
Voyager #1-11

15-071-20531-00-00

DRILL STEM TEST

Trilobite Testing Co. ran conventional open-hole DST of Morrow before logs. Test interval did not include thin Stockholm sand 5072' - 5076' which lacked sample show.

Interval: 4943' - 5062' 119 ft open

Initial Hydrostatic:	2430 psi	
Initial Flow:	55 psi to 55 psi	20 min
Initial Shut-In:	300 psi	40 min
Final Flow:	55 psi to 55 psi	20 min
Final Shut-In:	155 psi	60 min
Final Hydrostatic:	2400 psi	

Recovery: 30 ft mud, slightly gas cut, rainbow show of oil.

Sampler: 150 psi  
2100 cc mud

Sampler Mud: 0.84 ohm-m @ 45 deg F  
12000 ppm chlorides

Mud Pit Sample: 0.84 ohm-m @ 45 deg F  
12000 ppm chlorides

Temperature: 119 deg F

Remarks: Tool opened with weak blow, increased to 1 1/2 inches in water at 20 min. On final flow, tool opened with very weak blow and died in 10 min.



TRACED - 7. M. M.

TELEPHONE:

AREA CODE 913 483-2627

**ORIGINAL**  
**ALLIED CEMENTING COMPANY, INC.**

P. O. BOX 31  
 RUSSELL, KANSAS 67665

TO: Samuel Gary, Jr. Associates Inc.  
Att: Dan Hall  
1775 Sherman St. #1925  
Denver, Co. 80203

INVOICE NO. 58252  
 PURCHASE ORDER NO. \_\_\_\_\_  
 LEASE NAME Voyager 1-11  
 DATE Dec. 10, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 159 sks @\$5.25	\$ 834.75	
Pozmix 106 sks @\$2.25	238.50	
Gel 16 sks @\$6.75	108.00	
Floceal 66 @ \$1.00	<u>66.00</u>	\$ 1,247.25
Handling 265 sks @\$1.00	265.00	
Mileage (100) @\$0.04c per sk per mi	1,060.00	
Plugging	475.00	
Mi @\$2.00 pmp. trk.	200.00	
1 plug	<u>20.00</u>	<u>2,020.00</u>
	<b>Total</b>	<b>\$ 3,267.25</b>
50 sks. @2700'		
80 sks. @1600'		
50 sks. @ 960'		
50 sks. @ 410'		
10 sks. @ 40'		
15 sks. in R. H.		
10 sks. in M. H.		

*CK: DP*  
*11/7/91*

FEB 11 1991

**THANK YOU**

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

... A02 15-071 - 20531-00-00

ORIGINAL

483-2627, Russell, Kansas

Phone Plainville 913-434-2812

316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. NO 7275

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

12-11-90

Date	12-10-90	Sec.	11	Twp.	16	Range	42	Called Out	1:30 PM	On Location	5:20 PM	Job Start	9:00 PM	Finish	4:30 AM	
Lease	Yoyager	Well No.	1-11			Location			Tribune N. Texy Reddot 9 W IN NW			County	Greely		State	KS.
Contractor	Norseman Drllg Inc.															
Type Job	Plug To Abandon (Rotary Plug)															
Hole Size	7 7/8		T.D.		5200'											
Csg.			Depth													
Tbg. Size			Depth													
Drill Pipe	4 1/2		Depth		2700'											
Tool			Depth													
Cement Left in Csg.			Shoe Joint													
Press Max.			Minimum													
Meas Line			Displace													
Perf.																

Owner: *Samuel Gary Jr. Associates Inc.*  
 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. Associates Inc.*  
 Street: *1775 Sherman St. Suite 1925*  
 City: *Denver* State: *CO* *80203*  
 The above was done to satisfaction and supervision of owner agent or contractor. *ATTN Dan Hall Office Manager.*

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

**EQUIPMENT**

GT Bend No.	Cementer	<i>Phil</i>
Pumptrk 195	Helper	<i>Jack</i>
Pumptrk No.	Cementer	
Pumptrk	Helper	
	Driver	<i>Bill W.</i>
Bulktrk 199		
Bulktrk NESS	Driver	

Amount Ordered	<i>265 SKS 60/40 6 1/2" g/l 1/4" #10 Seal</i>		
Consisting of			
Common	<i>159</i>	<i>5.25</i>	<i>834.75</i>
Poz. Mix	<i>106</i>	<i>2.25</i>	<i>238.50</i>
Gel.	<i>16</i>	<i>6.75</i>	<i>108.00</i>
Chloride			
Quickset			
<i>Flo Seal 66</i>	<i>1.00</i>		<i>66.00</i>
Handling	<i>265</i>	<i>1.00</i>	<i>265.00</i>
Mileage	<i>100</i>		<i>1060.00</i>
Sub Total			
Total			<i>2572.25</i>

**DEPTH of Job**

Reference:	<i>Pump Trk Chg</i>	<i>475.00</i>
<i>100</i>	<i>Pump Trk mlg</i>	<i>200.00</i>
<i>1</i>	<i>8 5/8 Plug</i>	<i>20.00</i>
	Sub Total	
	Tax	
	Total	<i>695.00</i>

Floating Equipment  
**TOTAL \$ 3267.25**  
**Disc - 653.45**  
**\$ 2613.80**

Remarks: *50SKS - 2700' Displace w/mud*  
*80SKS - 1600' Displace w/mud*  
*50SKS - 900' Displace w/mud*  
*50SKS - 410' Plug*  
*10SKS - 40'*  
*15SKS - Rat hole*  
*10SKS - mouse hole*  
 Thank You!  
 Allied Cementing Co. Inc.  
 By Philip Livingston

G.I.H.