

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

API No. 15- 033-21,039-0000

County Comanche

SE - NW - NW Sec. 10 Twp. 33 Rge. 19 X E W

Operator: License # 3882

CONFIDENTIAL

Name: Samuel Gary Jr. & Associates, Inc.

Address 1670 Broadway, Suite 3300

City/State/Zip Denver, CO 80202-4838

Purchaser: Reliant Energy

Operator Contact Person: Tom Fertal

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KANSAS CORPORATION COMMISSION

Phone 303-831-4673

Contractor: Name: Duke Drilling Co., Inc.

FEB 08 2000

License: 5929

2-8-00
CONSERVATION DIVISION
WICHITA, KS

Wellsite Geologist: Dale Padgett

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: Oil 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. _____

10/18/99 10/27/99 1/3/00
Spud Date Date Reached TD Completion Date

1060 Feet from North Line of Section

950 Feet from West Line of Section

Footages calculated from nearest outside section corner: NE NW

Lease Name Jellison Well # 10-4

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 1972' KB 1985'

Total Depth 5400' PBTB 5354'

Amount of Surface Pipe Set and Cemented at 668 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 ALT 1 GR 6-27-00
(Data must be collected from the Reserve Pit)

Chloride content 39,000 ppm Fluid Volume 700 bbls

Dewatering method used removed free fluids

KCC

Location of fluid disposal if hauled offsite:
free fluids to KBW Oil & Gas Harmon SWD

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Operator Name KBW Oil & Gas

CONFIDENTIAL

Lease Name Harmon SWD

NW Quarter Sec. 11 Twp. 33 Rng. 20 W

County Comanche Docket No. CD 98329

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82030196 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 geological well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 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 H. Fertal

Title Senior Geologist Date 2-7-2000

Subscribed and sworn to before me this 7th day of February 2000.

Notary Public Judith D. Harmon
Judith D. Harmon

My Commission Expires Feb. 4, 03

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

X

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ORIGINAL

Operator Name Samuel Gary Jr. & Associates, Inc. Lease Name Jellison Well # 10-4

Sec. 10 Twp. 33S Rge. 19 County Comanche

Instructions: Show important tops and base of formation 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 (Attach Additional Sheets.)
Sample Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List all E. Logs Run: dual induction, comp neutron density, sonic log, micro log

Log Formation (Top), Depth and Datum Table with entries: Stone Corral, Wabaunsee, Base Heebner Shale, Lansing, Stark Shale, Cherokee Shale, Mississippian Unconformity. Includes KCC RECEIVED stamp and dates FEB 07 2000 and FEB 08 2000.

CASING RECORD New Used CONSERVATION DIVISION WICHITA, KS
Report all strings set - conductor, surface, intermediate, production, etc.

Table with columns: 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. Rows for conductor, surface, and production.

ADDITIONAL CEMENTING/SQUEEZE RECORD
Purpose: Perforate, Protect Casing, Plug Back TD, Plug Off Zone
Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

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
Shots per Foot, Miss 5280-84 & 5291-5300', 3000 gal 15% DSFe, 5280-5300' OA

TUBING RECORD Size Set At Packer At Liner Run
Date of First, Resumed Production, SWD or Inj. Producing Method
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, submit ACO-18). Other (Specify)

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TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Samuel Gary Jr & Ass.inc

DATE 10/27/199

WELL NAME: Jellison #10-4

KB 1985.00 ft

TICKET NO: 12323

DST #1

LOCATION : 10-33s-19w Comanche co KS

GR 1972.00 ft

FORMATION: Miss.

INTERVAL : 5274.00 To 5318.00 ft

TD 5400.00 ft

TEST TYPE: CNVENTIONAL/STRDDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 5 Rec.	10991	10332	3246	10332		PF Fr. 1038 to 1043 hr
SI 60 Range(Psi)	4200.0	4200.0	4995.0	4025.0	0.0	IS Fr. 1043 to 1143 hr
SF 45 Clock(hrs)	12hr.	12hr.	elec.	12hr.		SF Fr. 1143 to 1228 hr
FS 120 Depth(ft)	5397.0	5397.0	5281.0	5309.0	0.0	FS Fr. 1228 to 1428 hr

	Field	1	2	3	4	
A. Init Hydro	2900.0	2889.0	2677.0	0.0	0.0	T STARTED 0820 hr
B. First Flow	394.0	402.0	323.0	0.0	0.0	T ON BOTM 1035 hr
B1. Final Flow	436.0	435.0	422.0	0.0	0.0	T OPEN 1038 hr
C. In Shut-in	1903.0	1911.0	1856.0	0.0	0.0	T PULLED 1428 hr
D. Init Flow	489.0	486.0	405.0	0.0	0.0	T OUT 1645 hr
E. Final Flow	682.0	675.0	627.0	0.0	0.0	
F. Fl Shut-in	1892.0	1898.0	1850.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2795.0	2788.0	2584.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	S		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 95000.00 lbs
						Initial Str Wt 84000.00 lbs
						Unseated Str Wt 85000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 535.10 ft
						D.P. Length 4796.90 ft

RECOVERY

Tot Fluid 496.00 ft of 496.00 ft in DC and 0.00 ft in DP
 4775.00 ft of Gas in pipe
 46.00 ft of Very slight gas cut mud 2% gas 98% mud
 200.00 ft of Gas cut mud 8% gas 92% mud
 250.00 ft of Slight gas cut muddy water
 0.00 ft of 6% gas 36% water 60% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 10000.00 P.P.M. A.P.I. Gravity 0.00

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WICHITA, KS

BLOW DESCRIPTION

Initial Flow:
 Strong blow bottom of bucket in 20 secs. gas to surface in 3 mins.
 Initial Shut-in:
 Bled down for 15 mins. weak blow back 1/8" in water bucket
 Final Flow:
 Strong blow bottom of bucket in 10 secs. gauge gas
 Final Shut-in:
 Bled down for 30 mins. built back to 1/8"-1/4" in water

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	57.00 S/L
W.L.	10.00 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	134.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L. Amerine
Co. Rep.	Dale Padget
Contr.	DUKE
Rig #	7
Unit #	NONE
Pump T.	no

SAMPLES: Caraway analytical 728 N.Roosevelt
 SENT TO: Liberal, Kansas 67901

Test Successful: Y

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ORIGINAL

GAS RECOVERY

MPANY: Samuel Gary Jr & Ass.inc DATE: 10/27/199
LL NAME: Jellison #10-4 KB Elev: 1985.00 ft TICKET #12323 DST #1
LL LOCATION: Sec.10 Twp.33s Rge.19w GR Elev: 1972.00 ft FORMATION: Miss.
TERVAL Fr.: 5274.00 To 5318.00 T.D.: 5400.00 ft TEST TYPE: CNVENTIONAL/STRDDLE

S RECOVERY MEASURED WITH Adj.Choke

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*** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	45	0	697000.0

*** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	115	0	1878600.0
20	0.75	150	0	2385000.0
30	0.75	170	0	2675600.0
40	0.75	175	0	2748000.0
45	0.75	175	0	2748000.0

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*** TOOL DIAGRAM *** CNVENTIONAL/STRDDLE

ORIGINAL

LL NAME: Jellison #10-4

CATION : Sec.10 Twp.33s Rge.19w

CKET No. 12323 D.S.T. No. 1 DATE 10/27/199

TAL TOOL TO BOTTOM OF TOP PACKERS 31

TERVAL TOOL

TTOM PACKERS AND ANCHOR 33

TAL TOOL

ILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands 1 Single 1 Total 93

TAL ASSEMBLY 157

C. ABOVE TOOLS.Stands9 Single Total 535.10

P. ABOVE TOOLS.Stands Single Total 4733.90

TAL DRILL COLLARS DRILL PIPE & TOOLS .. 5426

TAL DEPTH 5400

TAL DRILL PIPE ABOVE K.B. 26

MARKS:

Fluid sampler data

Sampler recovery	Pit mud analysis
is-4000---2.6cf-ML.	Chlorides--6100---ppm.
l-----ML.	res.--0.8--ohms@-85-f'
d-----ML.	viscosity---57-----
ater-----ML.	Weight---9.2-----
her-----ML.	Filtrate---10.0----
ressure--325---PSI.	Other-----4#LCM----
OTAL--4000-----ML.	-----

P.O. SUB Top of tool @	5244
C.O. SUB	5245
S.I. TOOL	5250
3'sample chamber @	5253
HMV	5258
JARS	5263
SAFETY JOINT	5265
PACKER	5269
PACKER	5274
DEPTH 5274	5275
STUBB 1'to	5280
ANCHOR 5'of perfs.to	5280
Alpine rec.@ 5281'	
31'Jt.drillpipe to	5311'
7'of perfs.to	5318
T.C.	
DEPTH	5318
18'of perfs'to	5336
62'of drillpipe to	5398
Ak-1 rec.@ 5397	5398
BULLNOSE 2'bullnose to	5400
T.D.	

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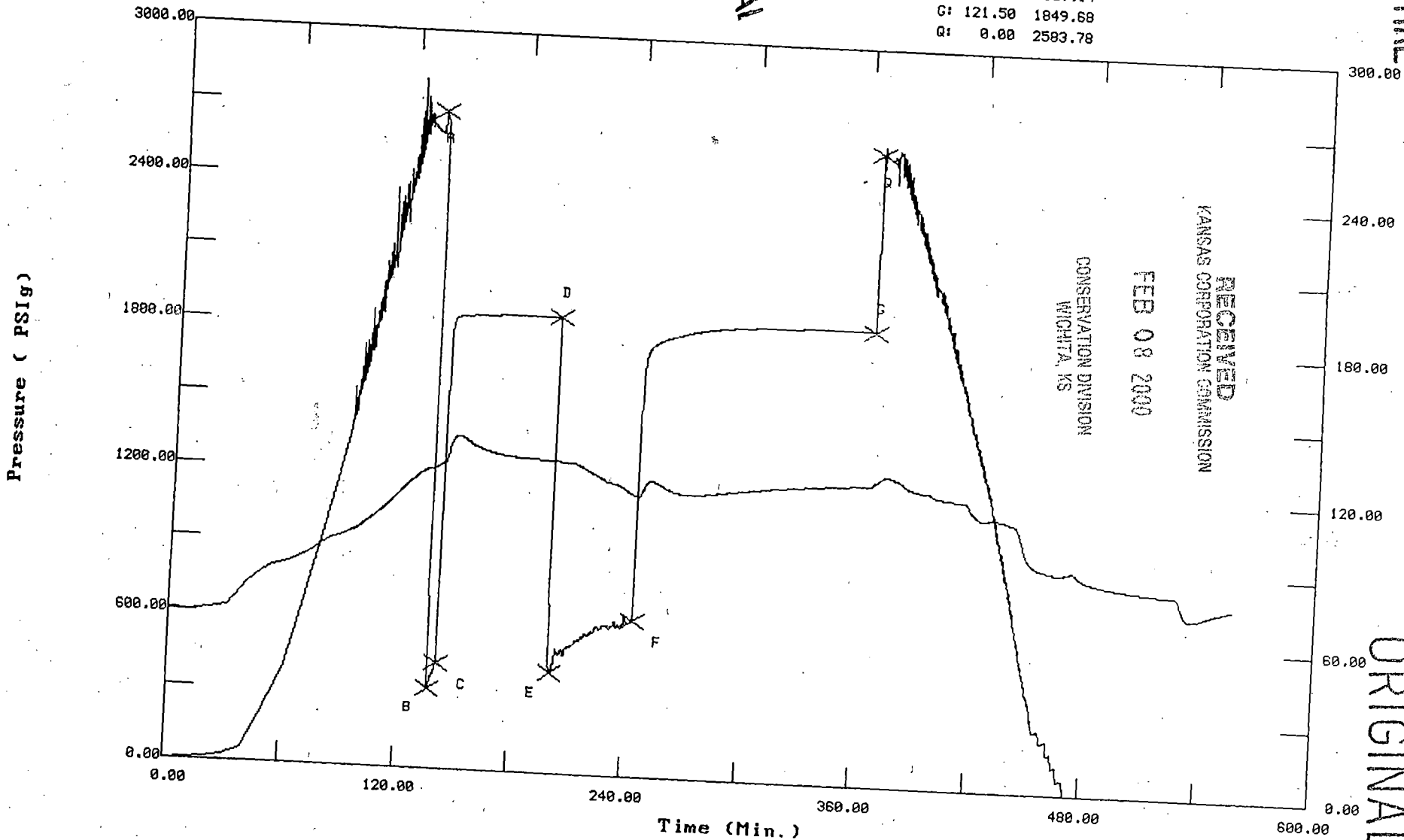
TEST HISTORY

Tk#12323 DST#1 Jellison #10-4 Samuel Gary Jr.

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Flag Points
t (Min.) P (PSig)

A:	0.00	2676.64
B:	0.00	322.68
C:	4.00	422.24
D:	58.75	1856.39
E:	0.00	405.28
F:	42.00	627.14
G:	121.50	1849.68
Q:	0.00	2583.78



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Temperature (DEG F)

ORIGINAL

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SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

ORIGINAL Invoice

DATE	INVOICE #
10/28/99	1697

KCC

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104

ACCT # 137/32

APPROVED BY

J.C. Parson

BILL TO
Sam Gary 562 W. Hwy 4 Olmitz, KS 67564-8561

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose
Net 30	10-4	Jellison	Comanche	Duke Rig #7		Development	Cement 5 1/2" Pro...
PRICE REFERE...	DESCRIPTION			QTY	UNIT PRICE	AMOUNT	
575	Milage			70	2.00	140.00T	
578	Pump Service			1	1,200.00	1,200.00	
410-5	Top Plug			1	50.00	50.00T	
280	Flocheck 21			1,000	1.50	1,500.00T	
221	Liquid KCL			1	19.00	19.00	
330	Swift Multi-Density			150	9.50	1,425.00T	
287	Gas Stop			300	4.50	1,350.00T	
277	Gilsonite			750	0.25	187.50T	
285	CFR-1			70	2.75	192.50T	
290	D-Air			70	2.75	192.50T	
276	Flocele			37	0.90	33.30T	
581D	Service Charge Cement			150	1.00	150.00	
583	Drayage			566.19	0.75	424.64T	
	Subtotal					6,864.44	
	Sales Tax				4.90%	269.28	
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				KANSAS CORPORATION COMMISSION			
				FEB 08 2000			
				CONSERVATION DIVISION			
				WICHITA KS			

Thank you for your business.

Total

\$7,133.72

JOB LOG

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SWIFT Services, Inc. ORIGINAL

DATE 10-22-99 PAGE NO. 1

CUSTOMER Sam Gary WELL NO. 10-4 LEASE Jellison JOB TYPE Long String TICKET NO. 1697

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0600							On loc. Rig Running 5 1/8" 15.5" Csg.
	0645							Csg. On Bottom Circulate 5394'
	0825		5					Pump 5" H ₂ O Spacer
			24					Pump 1,000 gal Floccer
			5					Pump 5" H ₂ O Spacer
								Plug Rat hole & Mouse hole
		5						MTX 150 slt S.M.D. Cement
								Rotate Csg. Through Job
	0905		52					Finished mixing wash out pump & line
								Release S-W Top Plug
		5						Displace 127.3 ^{sl}
			127			1,200		Plug down Holding 1200psi
								Release Pressure Floccer held
								wash & Rack up truck
								Job Complete

KOC

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CONSERVATION DIVISION WICHITA, KS

Handwritten signature

ALLIED CEMENTING CO., INC. **CONFIDENTIAL**

P.O. BOX 31
RUSSELL, KS 67665
PH (785) 483-3887
FAX (785) 483-5566

V21720

***** ORIGINAL *****
* INVOICE *

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FEB 07 2000
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Invoice Number: 079923
Invoice Date: 10/18/99
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FEB 08 2000

CONSERVATION DIVISION
WICHITA, KS

Sold Samuel Gary, Jr. & Assoc.
To: % Larson Engineering, Inc.
562 W. Highway #4
Olimitz, KS
67561-8561

Cust I.D.....: Gary
P.O. Number...: Jellison ~~10-4~~ 10-4
P.O. Date....: 10/18/99

Due Date.: 11/17/99
Terms...: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	100.00	SKS	6.3500	635.00	E
Gel	2.00	SKS	9.5000	19.00	E
Chloride	11.00	SKS	28.0000	308.00	E
ALW	225.00	SKS	6.0000	1350.00	E
FloSeal	56.00	LBS	1.1500	64.40	E
Handling	325.00	SKS	1.0500	341.25	E
Mileage (45)	45.00	MILE	13.0000	585.00	E
325 sks @\$.04 per sk per mi					
Surface	1.00	JOB	470.0000	470.00	E
Extra Footage	368.00	PER	0.4300	158.24	E
Mileage pmp trk	45.00	MILE	2.8500	128.25	E
Rubber plug	1.00	EACH	90.0000	90.00	E
Baffle Plate	1.00	EACH	45.0000	45.00	E
Centralizers	2.00	EACH	30.0000	60.00	E
Baskets	2.00	EACH	150.0000	300.00	E

All Prices Are Net, Payable 30 Days Following Subtotal: 4554.14
Date of Invoice. 1 1/2% Charged Thereafter. Tax..... 0.00
If Account CURRENT take Discount of \$ 910.82 Payments: 0.00
ONLY if paid within 30 days from Invoice Date Total.... 4554.14

AFE # 104
ACCT # 135/60
APPROVED BY T.C. Janson

-910.82
3,643.32

ALLIED CEMENTING CO., INC.

ORIGINAL
2741

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Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge

DATE <u>10-16-99</u>	SEC. <u>3</u>	TWP. <u>33S</u>	RANGE <u>19W</u>	CALLED OUT <u>10:00 Am</u>	ON LOCATION <u>1:30 pm</u>	JOB START <u>4:25</u>	JOB FINISH <u>4:55</u>
LEASE <u>Jellison</u>	WELL # <u>10-4</u>	LOCATION <u>Coldwater S. to Jct.</u>			COUNTY <u>Comanche</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>3w, 1/4s, 1/5</u>				

CONTRACTOR Duke #7
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 668
 CASING SIZE 8 7/8 x 24 DEPTH 668
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 800 MINIMUM 150
 MEAS. LINE _____ SHOE JOINT 36.21
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 40 1/2 BBLs Freshwater.

OWNER Sam Gary Jr. + Assoc **KCC**

CEMENT AMOUNT ORDERED **FEB 07 2000**
225 SX 65:35:6+3%cc + 1/4 Flo-seal
100 SX CLASS A + 3%cc + 2%gel **CONFIDENTIAL**

COMMON A	<u>100</u>	@	<u>6.35</u>	<u>635.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>11</u>	@	<u>28.00</u>	<u>308.00</u>
ALW	<u>225</u>	@	<u>6.00</u>	<u>1350.00</u>
FLO-SEAL	<u>56#</u>	@	<u>1.15</u>	<u>64.40</u>
		@		
		@		
		@		
HANDLING	<u>225</u>	@	<u>1.05</u>	<u>236.25</u>
MILEAGE	<u>325 x 45</u>	@	<u>.04</u>	<u>585.00</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Carl Balding
 # 32 HELPER Shane Winsor
 BULK TRUCK DRIVER David West
 # 214-314
 BULK TRUCK DRIVER _____
 # _____

FEB 08 2000

TOTAL \$3302.65

CONSERVATION DIVISION
WICHITA, KS

REMARKS:

SERVICE

Run 668 feet casing. Break circulation.
Dump freshwater pad
Mix 240sx 65:35:6+3%cc + 1/4 Flo-seal
100 SX A + 3%cc + 2%gel.
Release plug

DEPTH OF JOB	<u>668'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>470.00</u>
EXTRA FOOTAGE	<u>368'</u>	@	<u>.43</u> <u>158.24</u>
MILEAGE	<u>45</u>	@	<u>285</u> <u>128.25</u>