

Operator Name: Edward E. Birk Lease Name: Born Well #: 7
Sec. 1 Twp. 19 S. R. 14 East West County: Coffey

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lansing	624	+508
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Kansas City	811	+321
List All E. Logs Run:	Open Hole Log	Cherokee	1305	-173
	Gamma Ray Neutron Log	Cattleman	1402	-270
		Bartlesville	1492	-360

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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"	85/8"	NA	43'	Regular	25	3% Caclz
Long String	63/4"	3 1/2"	10.5	1540'	Regular	185	Gel 4% Caclz 1%-Flocele 1/4#

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 <i>(Amount and Kind of Material Used)</i>	Depth
3	1491.0' to 1501.0'	NA	NA

TUBING RECORD	Size 23/8'	Set At 1486'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	---------------	-----------------	-----------	--

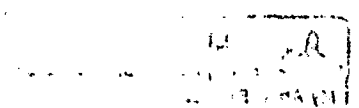
Date of First, Resumed Production, SWD or Enhr. 11-09-00	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	---

Estimated Production Per 24 Hours	Oil Bbls. 5	Gas Mcf 0	Water Bbls. 20	Gas-Oil Ratio NA	Gravity 34
-----------------------------------	----------------	--------------	-------------------	---------------------	---------------

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval



BLUE STAR ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

ORIGINAL
Cementing Ticket
and Invoice Number

247

Date: 11-3-00
Customer Order No.:
Sec: 1 Twp: 19S Range: 14E
Truck Called Out: 8:00 PM
On Location: 10:30 AM
Job Began: 11:00 PM
Job Complete: 11:45 PM

Owner: Edward Birk
Contractor: KAN DRILL
Mailing Address: 302 South 16th Street
City: Burlington
Charge To: Edward Birk
Well No. & Form: BORN # 7
Place: Coffey
State: KS
Depth of Well: 1562
Depth of Job: 1540'
Casing: New Used
Size: 4 1/2 Weight: 10.5
Size of Hole Amt. and Kind of Cement: 6 3/4 185 SKS
Cement Left in casing by: Rotary
Request Necessity: 0'
Truck No.: UNIT # 2

Kind of Job: Long String
Drillpipe: _____
Tubing: _____

Price Reference No.	# 1
Price of Job	665.00
Second Stage	
Mileage	40 > 84.00
Other Charges	
Total Charges	749.00

Remarks: Rig up to 4 1/2 casing, Break circulation with 5 Bbls fresh water, mixed 185 SKS Regular Cement with 4% Gel, 1% CaCl2, 1/4" Flocele per SK. Shut down. Wash out pump & lines. Release plug. Displace with 24.4 Bbls fresh water, final pumping pressure 400 PSI. Bump plug to 800 PSI. Check float. float held. Shut in @ PSI.

Cementer: Kevin McCoy
Helper: Brad - Mike

District: Eureka

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

"Thank you"

Called By Don - KAN DRILL
Agent of contractor or operator

Quantity Sacks		BRAND AND TYPE		PRICE	TOTAL
185 SKS	Regular Class "A" Cement			6.75	1,248.75
695 #	Gel 4%			9.50	66.02
174 #	CaCl2 1%			.35	60.90
46 #	Flocele 1/4"			1.00	46.00
1	4 1/2 Top Rubber Plug			35.00	35.00
		185 SKS	Handling & Dumping	.50	92.50
		8.7 TONS	Mileage 40	.70	243.60
			Sub Total		2,541.77
			Discount		
			Sales Tax	5.9%	149.96
			Total		2,691.73

Delivered by Truck No. # 3
Delivered from Eureka
Signature of operator: Kevin McCoy