



Operator Name: Quest Cherokee, LLC Lease Name: Houghton, Richard C. Well #: 22-1  
 Sec. 22 Twp. 29 S. R. 19  East  West County: Neosho

**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  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:

Comp. Density/Neutron Log  
 Dual Induction Log  
 Gamma Ray/Neutron Log

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

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 APR 18 2006  
 CONSERVATION DIVISION  
 WICHITA, KS

CASING RECORD <input type="checkbox"/> New <input 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"	8-5/8"	20#	21' 5"	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1004	"A"	126	

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	476-480/489-494/582-584/606-609/636-638/653-655	200gal 15%HCLw/ 25 bbls 2%kcl water, 417bbls water w/ 2% KCL, Biocide, 2800# 20/40 sand	908-911/851-853
4	851-853/908-911	400gal 15%HCLw/ 31 bbls 2%kcl water, 558bbls water w/ 2% KCL, Biocide, 4000# 20/40 sand	653-655/636-638
			606-609/582-584
		400gal 15%HCLw/ 49 bbls 2%kcl water, 525bbls water w/ 2% KCL, Biocide, 10600# 20/40 sand	489-494/476-480

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	954.37	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. Waiting on pipeline Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

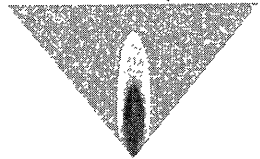
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_ Production Interval \_\_\_\_\_



# QUEST

Resource Corporation



211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

TICKET NUMBER **1110**

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Wayne

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/29/05	Houghton Richard C 22-1	22	29	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Wayne	7:00	2:00	10	903388		1	<i>[Signature]</i>
Joe	7:00	2:00	NO	TRAILER		7	<i>[Signature]</i>
Wes	7:15	2:00	NO	903197		6 3/4	<i>[Signature]</i>
Bill G.	7:00	12:00	NO	903140	T28	5	<i>[Signature]</i>
Paul	7:15	2:00	NO	903103		6 3/4	<i>[Signature]</i>
TIM A	7:45	2:00	NO	903296	T33	6 1/4	<i>[Signature]</i>
Mac	12:00	2:00	NO	903400	932705	2	<i>[Signature]</i>

JOB TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 1020' CASING SIZE & WEIGHT 4 1/2 10.5 #  
 CASING DEPTH 1004' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 16 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 3.5 BPM

REMARKS:

Wash Down 20' OF Casing then Pump 2 Socks Prem. Gel and Circulate to Surface. Then Wait on water for cement job 1.5 hr. Then Break circulation Pump 10 BBL of Dye Followed By 135 OF Cement to get Dye Back. Stop and wash out Pump Then Pump wiper Plug to Bottom and Set Float shoe.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	<del>1004'</del> 1004'	4 1/2 Casing	
	5	4 1/2 Centralizers	
	1	4 1/2 Flap Type Float Shoe	
903388	7 hr	Foreman Pickup	
903197	7 hr	Cement Pump Truck	
903103	7 hr	Bulk Truck	
1104	126 SK	Portland Cement	
903140	5	50/50 Blend Cement Casing Tractor	
T28	5	OWE Blend Cement Casing Trailer	
1110	13.5 SK.	Gilsonite	
1107	1.5 SK.	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 Gal	KCL	
1111B	3 SK	Sodium Silicate Calcchloride	
1123	7000 Gal	City Water	
903296	6 1/4	Transport Truck 903400 - 932705 2 hr	
T33	6 1/4	Transport Trailer	
		80 Vac	

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