

Operator Name: Duke Energy Field Service Lease Name: Cognac NE Well #: 1
 Sec. 25 Twp. 28 S. R. 36 East West County: Grant

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:

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

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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
	17 1/2'	10"		20'	Neat	22	

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

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 _____

Duke Job

THANK YOU FOR SHOPPING AT
SHOPPING STOP
118 SEQUOYAH
BOX 534
SATANTA KS 67870
(620) 649-2267

9/05/06 4:50 RW

552 SALE

099556	40	EA
CEMEX CEMENT 94LBS		
002479	1	EA
CONCRETE PALLET		
878444	2	EA
2-1/8 - 4-1/8 Clamp		
878416	2	EA
1-1/4 - 2-5/8 Clamp		
548733	2	EA
MM 1"x14' End Tie Down		
548745	2	EA
MM 2x27 Ratch Tie Down		



====>> JRNL# A71851
CUST # *S

THANK YOU LEAN
FOR YOUR PATRONA

YOU SAVED \$ 4.00 BY SHOP
SHOPPING STOP

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4520 State Hwy 136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383-1716

Deep Well GroundBed Data:	Date: 09/08/06
Job Number: DK304-2006KS	Drilling Contractor: McLean's CP Installation, Inc.
Company Name: Duke Energy Field Services	Facility/Line: Cognac NE #1
Subject: Deep Well #1	State: Kansas
Well Depth: 200'	County: Grant
Diameter: 10"	Other- Driller: TK
Casing: 20'	
Type of Backfill: Carbo 60 backfill	TEST VOLTAGE: 12
Anode Type: (1) set of (5) 2684 Z anodes	

Remarks:

Drilling Log			Electrical Log			Anode Log		
Depth:	Formation Type:	Material:	BEFORE BACKFILL			AFTER BACKFILL		
			Volt	Anode Depth	Anode #	Volt	Anode Depth	Anode #
0'	Top Soil							
5'	Top Soil	Casing/Cement						
10'	Sand	Casing/Cement						
15'	Sand	Casing/Cement/Hole Plug						
20'	Sand	Casing/Cement/Hole Plug						
25'	Sand	Hole Plug						
30'	Sandy Clay	Carbo 60						
35'	Sandy Clay	Carbo 60						
40'	Sandy Clay	Carbo 60						
45'	Sandy Clay	Carbo 60						
50'	Sand	Carbo 60						
55'	Sand	Carbo 60						
60'	Sand and Gravel	Carbo 60	1.1					
65'	Sand and Gravel	Carbo 60						
70'	Sandy Clay	Carbo 60	1.2					
75'	Sandy Clay	Carbo 60						
80'	Clay	Carbo 60	1.2					
85'	Clay	Carbo 60						
90'	Clay	Carbo 60	1.8					
95'	Clay	Carbo 60						
100'	Clay	Carbo 60	1.5					
105'	Clay	Carbo 60						
110'	Sandy Clay	Carbo 60	1.4	110'	5			
115'	Sandy Clay	Carbo 60						
120'	Clay	Carbo 60	1.7					
125'	Clay	Carbo 60						
130'	Clay	Carbo 60	1.7	130'	4			
135'	Clay	Carbo 60						
140'	Clay	Carbo 60	1.6					
145'	Clay	Carbo 60						
150'	Clay	Carbo 60	1.7	150'	3			
155'	Clay	Carbo 60						
160'	Clay	Carbo 60	1.7					
165'	Clay	Carbo 60						
170'	Clay	Carbo 60	1.6	170'	2			
175'	Clay	Carbo 60						
180'	Clay	Carbo 60	1.7					
185'	Clay	Carbo 60						
190'	Clay	Carbo 60	1.8	190'	1			
195'	Clay	Carbo 60						
200'	Clay	Carbo 60						
205'								
210'								
215'								
220'								
225'								
230'								
235'								
240'								
245'								
250'								

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