

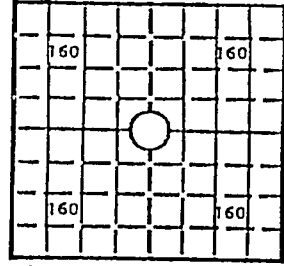
DRILLERS LOG

36-28-16E
SE SE SW

Loc. SE SE SW

County Wilson

640 Acres
N



Locate well correctly

Elev.: Gr. 859

DF _____ KB _____

No. 15 - 205 - 24,562
County Number

Kelt Energy, Inc.

Address 900 College Ave. Independence, KS 67301

Well No. KCAU 8 Lease Name Umbarger

Footage Location 495 feet from (N) (S) line 3135 feet from (E) (W) line

Principal Contractor Finney Drilling Co. Geologist James Reed

Spud Date 8-7-87 Total Depth 1000 P.B.T.D.

Date Completed 8-10-87 Oil Purchaser

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	8 7/8	7"	16 lb	20.30	Portland	3	3% cal. Mix by rig hand
PRODUCTION	5 1/4						

WELL LOG

Core #1 661-681

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	2	Shale	438	440			
Clay	2	16	Sand	440	452			
Lime	16	25	Sand & Shale	452	481			
Sand	25	38	Sand	481	512			
Shale	38	110	Sand & Shale	512	533			
Lime	110	112	Pawnee Lime	533	537			
Shale	112	143	Shale	537	541			
Lime	143	243	Pawnee Lime	541	570			
Shale	243	252	Shale	570	584			
Lime	252	255	Sand	584	596 (Slight Show)			
Shale	255	264	Shale	596	610			
Lime	264	275	Oswego Lime	610	633			
Shale	275	279	Shale	633	637			
Lime	279	310	Oswego Lime	637	646			
Shale	310	314	Shale	646	650			
Lime	314	335	Oswego Lime	650	653			
Shale	335	343	Shale	653	659			
Lime	343	345	Sand OIL SD	659	679			
Shale	345	395	Sand & Shale	679	695			
Altamont Lime	395	404	Shale	695	773			
Shale	404	410	Sand & Shale	773	781			
Altamont Lime	410	418	Shale	781	904			
Shale	418	425	Sand & Shale	904	1000			
Altamont Lime	425	438						

RECEIVED
STATE CORPORATION COMMISSION

JAN 29 1988

CONSERVATION DIVISION
WICHITA, KANSAS

T.D.