

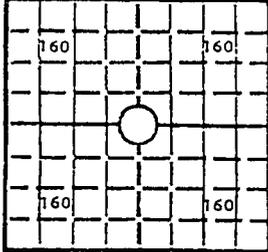
DRILLERS LOG

S. 35 T 285 R. 16 E W

API No. 15 - 205 - 24,619
 County Number

Loc. NW NW NE
 County Wilson

Operator
Kelt Energy Inc.
 Address
900 College Ave. Independence Ks. 67301
 Well No. KCAP 38 Lease Name Peck
 Footage Location
 feet from (N) (S) line feet from (E) (W) line
 Principal Contractor McPherson Drilling Geologist
 Spud Date 8-31-87 Total Depth 950 P.B.T.D.
 Date Completed 9-2-87 Oil Purchaser

640 Acres
 N

 Locate well correctly
 Elev.: Gr. _____
 DF _____ KB _____

CASING RECORD

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

Use of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	9 1/2	7"	15	20'	Portland	3	—
PRODUCTION	5 1/4	2 7/8	6.5	734.10'			

WELL LOG

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.
Soil	0	3	Grey Sand	452	472	Grey oil Sand	706	712
Clay	3	14	Lime	472	499	Laminated Sand	712	721
Grey Shale	14	36	Grey Shale	479	490	Sandy Shale	721	733
Grey Clay (wtr)	36	39	Lime	490	493	Grey Shale	733	749
Lime	39	46	Green Shale	493	508	Lime	749	750
Oil Shale	46	55	Grey Sand	508	553	Black Shale	750	756
Grey Sand	55	111	Sandy Shale	553	562	Sandy Shale	756	767
Black Shale	111	119	Grey Shale	562	576	Laminated Sand	767	773
Lime	119	121	Pink Lime	576	579	Sandy Shale	773	786
Green Shale	121	160	Shale Break	579	585	Laminated Sand	786	794
Lime	160	204	Pink Lime	585	608	Green Shale	794	798
Black Shale	204	205	Black Shale	608	624	Lime	798	799
Lime	205	254	Laminated oil Sand	624	633	Green Shale	799	804
Grey Sand	254	283	Green Shale	633	636	Black Shale	804	806
Grey Shale	283	287	Grey Shale	636	649	Lime	806	807
Lime	287	311	Oswego Lime	649	671	Grey Shale	807	813
Black Shale	311	316	Black Shale	671	675	Grey Sand	813	823
Lime	316	372	2 nd Oswego	675	685	Black Shale	823	847
Black Shale	372	379	Black Shale	685	688	Grey Sand	847	851
Lime	379	383	3 rd Oswego	688	691	Black Shale	851	871
Grey Shale	383	433	Green Shale	691	696	Silt Stone	871	883
Lime	433	439	Brown Lime	696	697	Grey Shale	883	891
Grey Shale	439	447	Laminated oil Sand	697	700	White laminated Sand	891	896
Lime	447	452	Brown oil Sand	700	706	Grey Shale	896	914

