

DRILLERS LOG

S. 30 T. 20S R. 10 W

API No. 15 - 205 - 20,526
County Number

Loc. _____

County Wilson

Operator
Davis Oil Co.

Address
Box 1004 Independence, Kansas 67301

Well No. K-13 Lease Name Umnarger

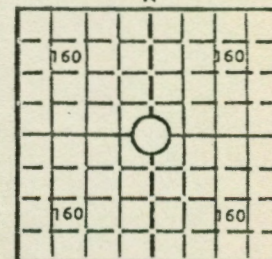
Footage Location
1,000 feet from XX (S) line 660 feet from (E) XX line SW/4

Principal Contractor Dobbie Drilling Co. Geologist _____

Spud Date 11-12-78 Total Depth 674' P.B.T.D. _____

Date Completed 11-13-78 Oil Purchaser _____

640 Acres
 N



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

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	9"	6 $\frac{1}{4}$ "		45'			
PRODUCTION	5 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "		660'			

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.
Top Soil	0	3	Sandy Shale	337	399			
Clay	3	11	Lime	399	402			
H. Sand	11	12	Shale	402	411			
Shale	12	16	Lime	411	417			
H. Sand	16	22	Sandy Shale	417	428			
Shale	22	27	Lime	428	438			
Sand	27	36	Sandy Shale	438	440			
Sandy Shale	36	44	Lime/Sand	440	444			
Sand	44	58	Shale	444	532			
Lime/Sand	58	88	Lime	532	536			
Shale	88	92	Shale	536	538			
Sand	92	118	Lime	538	565			
Sandy Shale	118	138	Lime/Shale	565	568			
Lime	138	141	Sandy Shale	568	607			
Sandy Shale	141	146	Lime	607	626			
Lime	146	238	Shale	626	633			
Sandy Shale	238	242	Lime	633	641			
Lime	242	247	Shale	641	645			
Shale	247	253	Lime	645	648			
Lime	253	276	Shale	648	654			
Sandy Shale	276	281	Lime	654	655			
Lime	281	302	Sand/Shale	655	658			
Sand/Lime	302	337	Lime	658	659			
			Sand	659	674			