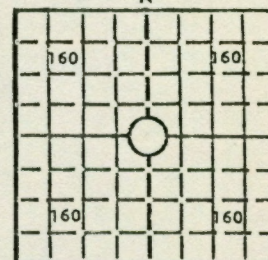


S. 36 T. 28S R. 16 E
W

DRILLERS LOG

Loc. _____

County Wilson640 Acres
N

Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

API No. 15 - 205 - 20,527
County Number

Operator

Davis Oil Co.

Address

Box. 1004 Independence, Ks. 67301

Well No.

K-15

Lease Name

Umbarger

Footage Location

1,000 feet from (N) (S) line 330 feet from (E) (W) line SW/4

Principal Contractor

Dobbie Drilling Co.

Geologist

Spud Date

11-8-78

Total Depth

671'

P.B.T.D.

Date Completed

11-9-78

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	9"	6 $\frac{1}{2}$ "		50'			
PRODUCTION	5 $\frac{1}{2}$ "	2-7/8"		671'			

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	Sand	443	468			
Clay	3	9	Sandy Shale	468	474			
H. Sand	9	12	Sand	474	533			
Shale	12	13	Lime	533	536			
H. Sand	13	19	Shale	536	542			
Shale	19	22	Broken Lime	542	567			
Sand	22	34	Shale	567	609			
Shale	34	41	Lime	609	628			
Sand	41	83	Shale	628	635			
Shale	83	92	Lime	635	643			
Sand	92	108	Shale	643	647			
Lime	108	110	Lime	647	649			
Sand/Shale	110	137	Shale	649	656			
Lime	137	140	Sand	656	660			
Shale	140	143	Core	660	671			
Lime	143	245						
Shale/Lime	245	252						
Lime	252	335						
Shale	335	356						
Lime	356	367						
Shale	367	396						
Lime	396	400						
Shale	400	411						
Lime	411	443						