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

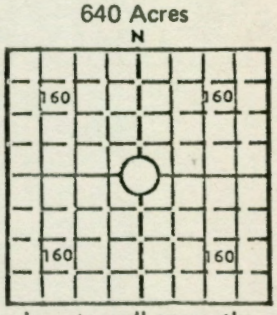
DRILLERS LOG

API No. 15 – 205 (County) – 20,452 (Number)

Loc.

County Wilson

640 Acres



Locate well correctly

Elev.: Gr.

DF KB

Operator: John T. Davis

Address: 212 E. Locust Independence, Kansas 67301

Well No.: ~~P-7~~ E-10

Lease Name: Umbarger

Footage Location: 740 feet from (N) (S) line 1,200 feet from (E) (W) line SW/4

Principal Contractor: Dobbie Drilling Co.

Geologist:

Spud Date: 5-10-78

Total Depth: 677'

P.B.T.D.:

Date Completed: 5-11-78

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"	6¼"		20'			
PRODUCTION	4 3/4"	2"		677'			

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	484	510			
Clay	3	10	Sand/Shale	510	536			
Shale	10	17	Lime	536	539			
Lime	17	22	Shale	539	546			
Shale	22	27	Lime	546	571			
Sand	27	39	Shale	571	609			
Sandy Shale	39	48	Lime	609	631			
Sand	48	87	Shale	631	637			
Shale	87	111	Lime	637	644			
Lime	111	113	Shale	644	648			
Shale	113	139	Lime	648	650			
Lime	139	237	Shale	650	656			
Sand/Shale	237	255	Sand	656	677			
Shale	255	259						
Lime	259	283						
Shale	283	287						
Lime	287	339						
Shale	339	400						
Lime	400	425						
Shale	425	436						
Lime	436	448						
Shale	448	484						