

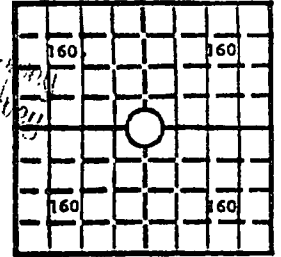
DRILLERS LOG

API No. 15 - \_\_\_\_\_ County \_\_\_\_\_ Number \_\_\_\_\_

S. 20 T. 20 R. 17 W  
 28 28 17 E  
 Loc. 330' FEL 650' FSL

County Wilson PI SEP

640 Acres  
 N



Locate well correctly

Elev.: Gr. \_\_\_\_\_

DF \_\_\_\_\_ KB \_\_\_\_\_

Operator  
**Otten Oil & Exploration**

Address  
**7029 E. Lincoln, Apt. 203 Wichita, Kansas 67207**

Well No. **1** Lease Name **Brant**

Footage Location  
 feet from (N) (S) line \_\_\_\_\_ feet from (E) (W) line \_\_\_\_\_

Principal Contractor **Caney Valley Drlg. Co. Rig 2** Geologist \_\_\_\_\_

Spud Date **8-23-79** Total Depth **1073'** P.B.T.D. \_\_\_\_\_

Date Completed **8-26-79** 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"	7"		116'	Circulated by Consolidated 3% Cal.		
PRODUCTION	6 1/4"			1056'			Circulated

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.

Core # 1 from 892' to 904'

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Mud	0	2	Sandy shale	417	433	Lime	674	68
Clay	2	14	Lime	433	440	Shale	681	70
Shale	14	48	Shale	440	452	Sand	704	71
Sand	48	52	Sandy lime	452	465	Shale	712	86
Lime	52	57	Lime	465	466	Lime	865	86
Shale	57	64	Shale	466	467	Sandy shale	867	89
Sand	64	95	Lime	467	476	Core # 1	892	90
Lime	95	103	Shale	476	488	Sandy shale	904	105
Sandy shale	103	122	Lime	488	493	Sand	1053	105
Lime	122	125	Shale	493	525	Shale	1057	106
Sandy shale	125	160	Lime	525	527	Chat	1062	107
Lime	160	247	Shale	527	532	Miss. lime	1071	107
Shale	247	283	Sandy lime	532	556			
Lime	283	291	Sandy shale	556	573			
Shale	291	294	Lime	573	576			
Lime	294	309	Shale	576	580			
Shale	309	316	Oswego lime	580	606			
Coal	316	317	Shale	606	610			
Lime	317	362	Lime	610	613			
Shale	362	369	Shale	613	622			
Lime	369	370	Lime	622	625			
Shale	370	396	Shale	625	646			
Lime	396	397	Lime	646	669			
Sand	397	417	Shale	669	674			

