

CASING RECORD

LOCATION

SE NW NE

SEC

9

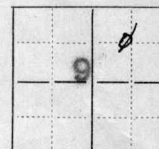
T 33

R 3E.

10" FARM **Graham**
 20" 8 1-4 COMPANY **Duffield et al.**
 15 1-2 6 5-8 CONTRACTOR
 12 1-2 5 3-16 COMMENCED

NO. **1** COUNTY **Cowley.**

COMPLETED



TOTAL DEPTH

SHOT

QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

FIGURES INDICATE BOTTOM OF FORMATIONS

ELEVATION
INITIAL PRODUCTION

REMARKS

Formayion	Depth	Formation	Depth	Formation	Depth.
surface	18	lime shale	896	red rock	1880
wuick sand	30	lime	904	slate	1885
lime	45	shale	917	lime	1900
sand water	49	lime	924	shale	1914
lime	60	shale	932	lime	1921
shale	75	red rock	944	shale	2083
sand water	85	lime	950	lime	2104
lime	160	shale	980	shale HFW	2140
sand shale	170	lime	990	sand	2155
shale	185	shale	1022	shale	2165
lime	205	lime	1028	lime water	2177
shale	210	shale	1046	No record	2177-21 2534
lime	280	lime	1049	sand	2534-48 HF
shale	285	shale	1075	TD	
lime	295	lime	1118	Dry and abd	
red rock	300	shale	1160		
lime	338	lime	1190		
red rock	344	slate	1197		
lime	381	lime	1204		
slate	383	shale	1231		
red rock	394	lime	1246		
lime	466	shale	1285		
slate	469	sand lime	1325		
lime	523	lime	1331		
red rock	554	sand lime	1400		
slate	560	shale	1449		
red rock	565	lime	1452		
lime	580	shale	1459		
sand water	585	lime	1500		
shale	590	shale	1510		
sand lime	694	lime	1565		
shale	651	$\frac{1}{2}$ BW 1595			
sand lime water	675	shale	1575		
lime	700	lime	1650		
shale	720	sand HFW	1675		
lime	730	shale	1680		
shale	740	shale	1685		
lime	748	lime	1695		
shale	769	shale	1723		
lime	771	sand shale	1726		
shale	780	sand	1745		
sand 6BW	794	shale	1762		
sand lime	800	lime	1775		
lime	810	shale	1810		
shale	865	lime	1820		
lime	875	shale	1860		

WELL LOG BUREAU — KANSAS GEOLOGICAL SOCIETY
412 UNION NATIONAL BANK BUILDING - WICHITA, KANSAS

9-33-3E

COMPANY **Duffield et al**

SEC. **9** T. **33** R. **13 E**

FARM **Graham** NO. **1.**

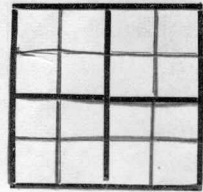
LOC. **SE NW NE**

TOTAL DEPTH **2548'**

COUNTY **Cowley**

COMM. **5-26-26** COMP. **7-14-26**

SHOT OR TREATED



CONTRACTOR

ISSUED

CASING

20	10
15½	8¼
12½	6¾
13%	5½

ELEVATION

PRODUCTION **Dry**

FIGURES INDICATE BOTTOM OF FORMATIONS

surface	18	shale	1022
quick sand	30	lime	1028
lime	45	shale	1046
sand wtr	49	lime	1049
lime	60	shale	1075
shale	75	lime	1118
sand wtr	85	shale	1160
lime	160	lime	1190
sand shale	170	slate	1197
shale	185	lime	1204
lime	205	shale	1231
shale	210	lime	1246
lime	260	shale	1285
shale	265	sand lime	1325
lime	295	lime	1331
red rock	300	sand lime	1400
lime	338	shale	1449
red rock	344	lime	1452
lime	381	shale	1459
slate	383	lime	1500
red rock	394	shale	1510
lime	466	lime	1596
slate	469	shale	1575
lime	523	lime	1650
red rock	554	sand HFV	1675
slate	560	shale	1685
red rock	565	lime	1695
lime	580	shale	1723
sand wtr	585	sand shale	1726
shale	590	sand	1745
sand lime	644	shale	1762
shale	651	lime	1775
sand lime wtr	675	shale	1810
lime	700	lime	1820
shale	720	shale	1860
lime	750	red rock	1880
shale	740	slate	1885
lime	748	lime	1900
shale	769	shale	1914
lime	771	lime	1921
shale	780	shale	2083
sand 6 BW	794	lime	2104
sand lime	800	shale HFV	2140
lime	810	sand	2155
shale	865	shale	2165
lime	875	lime wtr	2177
shale	896	no log	2534
lime	904	sand	2534-2548 HFV
shale	917	Total Depth.	
lime	924		
shale	932	Dry & Abnd.	
red rock	944		
lime	950		
shale	980		
lime	990		