

10" 1516 FARM Koogler NO. 71 COUNTY Butler
20" 8 1-4 2212 COMPANY Empire Gas and Fuel.
15 1-2 6 5-8 2460 CONTRACTOR
12 1-2 929 6 3-16 140 COMMERCE 5-10-26 COMPLETED 6-30-26

TOTAL DEPTH 2565 SHOT QUANTS BETWEEN
CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Empire Gas & Fuel.

Bartlesville, Okla.

FIGURES INDICATE BOTTOM OF FORMATIONS.

ELEVATION

INITIAL PRODUCTION 165 Oil
1st 24hrs.

Formation	Depth	Formation	Depth	Formation	Depth.
soil	5	lime	835	lime	2415
lime	15	shale	865	sdv shale	2431
gravel	17	sdv shale	875	conglomerate	2445T.S
lime	40	sand	895	sdv cherty lime	2475
slate	45	sdv shale	925	1st oil	2460
lime	50	slate	929	silica sand	2490
slate	90	lime	933	200' oil in hole	
red rock	100	slate	940	silica sand	2515
lome	105	lime	945	red rock	2520
shale	115	shale	965	sand	2530
lime	120	lime	975	green shale	2546
shale	135	slate	1000	siliceous lime	2565
shale red	140	lime	1010	T.D.	
lime	145	slate	1025		
shale	165	shale	1055	No shot	
lime	175	lime	1060		
slate	185	shale	1065		
lime	190	lime	1095		
shale	205	shale	1105		
lime	215	lime	1130		
shale	250	shale	1150		
lime	260	shale	1160		
slate	275	lime	1185		
lime	285	shale	1190		
slate	290	lime	1215		
lime 2BW 300	310	lime	1220		
shale	320	shale	1230		
lime	325	lime	1260		
slate	335	shale	1285		
slate	350	lime	1305		
lime	400	shale	1310		
shale	415	lime	1325		
lime	430	shale	1365		
shale	440	lime	1400		
lime	455	shale	1415		
lime	460	lime	1430		
shale	500	slate	1450		
slate	525	shale HFW 14801	1480		
lime	530	sand	1490		
slate	600	sand	1510		
lime	605	slate	1516		
shale	610	slate	1520		
sand HFW 635	635	shale	1565		
shale	645	lime	1575		
lime	650	shale	1590		
slate	660	lime	1600		
lime	670	shale 2BW 17201	1650		
shale	675	lime	1730		
lime	680	lime	1850		
slate	690	sdv sale	1930		
lime	695	shale	1975		
shale	730	lime	1995		
lime	735	sand	2010		
shale	740	lime HFW 2005	2070		
lime	760	lime	2105		
shale	762	slate	2115		
lime	765	shale	2130		
slate	775	lime	2155		
lime	790	sand	2170		
slate	795	shale	2325		
lime	820	shale	2410		
slate	825				