

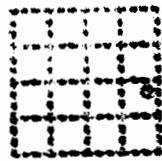
24-16-12W

BLACK-MARSHALL OIL CO.
 Dolechek No. 2.

SEC. 24 T. 16 R. 12 W
 NEc SE

Total Depth. 3372'
 Comm. 12-30-42 Comp. 2-13-43
 Shot or Treated.
 Contractor.
 Issued. 4-3-43

County. Barton



CASING:

12 1/2" 440' 7" 3192'.99 to floor Elevation.
 10" 767' 5 1/2" 3358'
 8" 2446'.65

Production. Temp. Pot. 64 B.
 2-17-43

Figures Indicate Bottom of Formations.

cellar	10	lime	2150	shale	3290
clay yellow	35	red rock	2168	lime	3347
shale blue	165	lime	2180	shale	3349
shale gy	210	shale	2185	conglomerate	3356
red rock	290	lime	2195	Arbuckle	3372
shale blue	305	shale	2200	Total Depth.	
sand	325	lime	2215		
red rock	330	shale	2225	sand line corr.	
shale blue	375	lime	2230	3360 equals 3362	
sand	410	shale	2255	steel line corr.	
shale blue	450	lime	2265	3362 equals 3365	
iron & sand	460	shale	2270		
shale	480	lime & shale	2325	12 BWPH 305-25	
sand	490	shale & shells	2350	HFV 385	
shale blue	535	lime & shale	2360	10 BWPH 480-90	
red rock	760	shale	2400	1 BW 1795-1805	
chalk	763	lime	2410	1 BW 1835-45	
anhydrite	767	shale & shells	2445	1/2 BW 2755-65	
lime	795	lime	2450	4 BWPH 3175-82	
shale blue	800	shale	2455		
red rock	995	lime	2465	SS0 3145-53	
shale blue	1040	shale	2475	SS0 3341-47	
red rock	1090	lime	2485	200' oil in 2 hrs	
shale blue	1180	shale	2497	3356-60	
salt	1440	lime	2535		
shale blue	1446	shale	2540	Sample Determinations:	
lime	1470	lime	2568	3300-3310 dk gy dense lime-dk shale	
shale	1475	shale	2575	3310-3322 same, more dk shale-probably	
lime	1490	lime	2580	shale break	
shale	1495	shale	2600	3322-3335 brown lime-some dk shale	
lime	1500	lime	2605	3335-3341 gy to wh lime, hd & dense	
shale & shells	1575	shale & lime	2635	trace red shale, trace lgt green shale,	
lime & shale	1625	shale	2642	trace sand	
lime	1640	lime	2650	3341-3347 sharp chert, wh & colored, clear	
shale	1670	shale	2655	sharp quartz, some wh lime, lgt fine-	
lime	1700	lime	2670	grained sand clusters-slight stain	
shale	1705	shale	2680	3347-3349 dk gy shale brk-some fine sand	
red rock	1715	lime	2700	from above	
lime	1855	shale	2710	3349-3352 much chert, wh & colored-	
shale	1860	lime	2830	little red shale - some sand w/slight	
lime	1890	shale	2835	stain	
red rock	1900	lime	2863	3352-3356 chert wh & colored, more quartz	
lime	1925	shale	2870	clear & colored-red shale & trace wh	
shale	1930	lime	2905	dolomite	
lime	1945	shale	2909	3356-60 wh cryst dolo, lgt stain-blue	
red rock	1950	lime	2975	shale-little chert-Top Arbuckle 3356	
lime	1955	shale	2980	3360 equals 3362 Sand Line Corr.	
shale	1960	lime	2985	3362 equals 3365 SIM	
lime	1970	shale	2990	3365-3367 sdy dolo, poor poro, lgt stain	
red rock	1980	lime	3006	3367-3370 same, fair porosity & stain	
lime	1990	red rock	3011	3370-3372 sdy dolomite, good porosity &	
red rock	2000	lime	3030	stain in part though not throughout	
lime	2030	shale	3060	sample-wh hd dolomite	
shale	2035	lime	3072	Total Depth.	
lime	2065	shale	3080		
red rock	2080	3184 equals 3192		Sypho corrections:	
shells & shale	2095	(pipe corr.)		Top Topeka 2710...2707	
lime	2110	lime	3218	Top Lansing 3080...3076	
lime & shale	2125	shale	3220	Top Congl. 3346...3341	
shale blue	2140	lime	3280	Top Arbuckle 3361...3356	
				Total Depth 3372...3367	