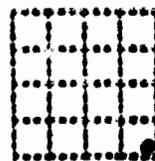


BLACK-MARSHALL OIL CO.
Dolechek No. 1

24-16-12 W
SEC. 24 T. 16 R. 12 W.
SEc SE

Total Depth. 3384 = 3373
Comm. 2-2-42 Comp. 3-18-42
Shot or Treated.
Contractor.
Issued. 4-4-42

County Barton



CASING.
12 1/2" 355' 7" 3215'
10" 776'8" 5" 3365' cemented.
8" 2461'

Elevation
Temporary
Production. Pot. 136 B.

Figures Indicate Bottom of Formations.			
cellar	10	red rock	1910
post rock	15	lime	1945
clay yellow	40	shale	1950
shale blue	115	lime	1960
shale dark	165	shale red & blue	1970
shale grey	175	lime	1985
sand 2BW 175-200	200	red rock	1990
red rock	210	lime	2000
shale and red rock	240	red rock	2010
sand 2 BW 240-50	250	lime	2020
red rock	255	shale and shells	2045
red rock sdy	265	lime	2080
4 BW 255-265		red rock	2090
shale blue	275	lime	2120
shale red	300	shale	2130
shale blue	310	shale & shells	2160
sand	320	shale grey	2175
red rock	355	red rock	2185
shale	370	shale & shells	2220
shale blue	385	lime broken	2235
sand greyHFW 385	440	lime	2240
sand	460	shale and shells	2285
shale	480	shale	2380
shale blue	550	shale	2390
red rock	590	lime	2400
red shale	640	sdv shale	2420
red rock	765	shale	2475
red chalk	770	1 BW 2400-2440	
anhydrite	775	shale	2485
Anhyd.lime	795	lime	2490
shale blue	800	shale	2530
red rock	995	lime	2555
shale blue	1050	shale	2565
red rock	1095	shale blue	2570
shale blue	1165	lime	2580
gyp and salt	1175	lime & shells	2600
salt	1455	shale & shells	2650
shale	1460	shale	2660
salt	1500	lime broken	2690
shale	1520	shale	2700
lime	1535	lime	2735
shale red & blue	1540	shale	2740
lime	1560	lime	2750
shale	1570	shale	2755
lime	1590	lime	2830
shale	1595	1/2 BW 2775	
lime	1600	lime and shale	2840
shale & shells	1640	2 BW 2830	
lime	1655	lime	2855
shale & shells	1690	shale	2860
lime	1715	lime	2895
shale	1720	shale	2900
lime	1725	lime	2995
red rock	1735	shale	3000
lime broken	1775	lime	3015
lime 1 BW 1800	1820	red rock	3025
lime	1840	shale blue	3060
lime sdy	1860	shale	3080
lime	1865	lime S.O. 3110	3190
shale 2 BW 1840-80	1880	shale	3200
lime	1890	lime	3235
shale	1905	red rock	3240

TOPS
Topoka 2730 corr.
Lansing K.C. 3080 corr.
Conglomerate 3349 corr.
Gorham sand 3352 corr.

3384 equals 3373
Total Depth 3373
This well has a very small show of oil in the top of the Lansing Kansas City at 3110' (3099 Corr.) Porous oolite lime at 3195-3205 (Corrected 3184-3194) with no showing of oil. On encountering the conglomerate at 3360' (3349 corrected) and drilling to 3364 (3353 corrected) sooty sand was encountered. The well started to fill with oil and upon deepening to 3376' the hole filled at the rate of 2 bbls oil per hour. Casing was cemented at 3365' and upon drilling the plug oil filled 500' in first half hour. On deepening the 3384' (3373' corrected) the formation became tight and samples showed quartzite sand with some Mica. The corrections based on 11 foot correction at bottom after running Sypho straight hole tests. The well had a static fluid level of 1400 feet. No water being present, on completing the drilling to total depth of 3373 foot corrected.