

Company MUDDY OIL CO.
Farm R. Kollman No. 4.

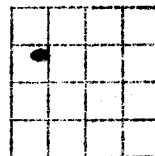
SEC. 5 T. 12 R. 15 W
NE SW NW

DEEPENING RECORD

Total Depth. 3084'
Comm. 8-31-25
Shot or Treated.
Contractor.
Issued. 12-7-46

Comp. 10-20-25

County. Russell
KANSAS



CASING:
15 1/2" 380'
12 1/2" 736'

8 1/4" 2120' UR 2244'
5 3/16" 2767 1/2'

Elevation. 1685

Production. 13 B/hr

Figures indicate Bottom of Formations.

sand	10	red rock	2210
shale blue	25	shale	2265
shale HFW	75	lime	2269
red rock	100	shale	2335
sand, wtr	110	lime	2340
sdv shale	120	shale blue	2495
red rock	160	little wtr at 2425	
sand	172	lime wh	2565
shale	200	sh oil 2495-2500	
sdv shale	220	shale	2570
shale	225	lime	2580
shale wh	310	shale	2600
shale sdv	330	lime	2625
shale blue	350	shale	2645
shale	380	lime	2670
red rock	385	shale	2685
sand (HFW 485)	495	lime brkn	2705
shale red	719	3 BW 2700, some oil	
chalk wh	725	shale	2725
lime	765	lime	2737
red rock	870	shale	2743
slate	880	more oil 2743	
shale blue	925	lime	2753
red rock	1005	shale	2758
slate	1080	shale red	2764
salt	1317	shale blue	2769
lime	1320	(Top Oswald horizon	
shale	1365	2767 1/2 SLM)	
lime	1378	lime, well out on	
slate	1398	pmp	2773
lime	1405	shale	2781
shale	1440	lime gy	2789
red rock	1460	lime brkn	2800
shale	1485	lime wh	2817
gas@1475		swbd 4 BPH	
shale brwn	1495	Total Depth.	
shale wh	1510		
lime	1520		
rock	1540		
	1575		
	1655		
	1670		
	1685		
brwn	1710		
	1725		
rock	1735		
	1760		
	1775		
rock	1805		
	1825		
rock	1845		
lime	1885		
red rock,			
hole caving	1930		
lime	1950		
shale	2000		
shale brwn	2070		
shale lgt	2100		
shale blue	2200		

Swbd 1 1/2 B0, no wtr PH
for 15 hrs. Drld ahead
3' to 3084 & had to set
loose liner on acct of
cavings from shale brks
above. Set 41' of 3"
loose liner@3084. Btm
7' of liner perf. & one
cave catcher 1' above
top perf. Top of 3"
liner @3043 DF. Took
3-hr swb test. Swbd
3 B0, no wtr PH from
top of 4 1/2 liner @ 2699
Before deepening well
was averaging 9 Bbls.
a day & during the 1st
20 days following the
completion date it ave.
approx. 38 Bbls. a day
Total Depth 3084

DEEPENING RECORD

Sohio Petro. Co., et al
Comm. 4-28-46
Comp. 5-4-46
Pot. 38 B.

Old T.D. 2817 DF w/a
plug back depth 2763
Had been producing
from Dodge Lime 2743-56
Picked up 190' LKC
zone 2944-2951
Had inc. in both oil
& gas but did not test.
Had sh oil in 220' LKC
zone 2990-98
Set 353' 4 1/2" liner @ 3052
Top of liner @ 2699 Cem.
Picked up Reagan Sd @
3077. Drld to 3081.
Filled up 600' in 6 hrs