MIDWEST EXPLORATION CO.
J. J. Brungardt No. 3.

SEC.31 T.12 R.15 W
SW NW NW
1650'N SL 330'E WL NW¼

DEEPENING RECORD
PLUGGING BACK RECORD

Total Depth. 3148' PB 3111' PB 3052'
Comm. 9-10-29 Comp. 10-29-29
Shot or Treated.
Contractor.
Issued. 9-24-49

County. Russell



CASING:
12½" 632' 6 5/8" 3052'
10" 981'
8 " 2787'

Elevation.

Production. 21 BPH

Figures Indicate Bottom of Formations.

clay yellow	50	lime & shale	2335	PLUGGING BACK RECORD
shale blk	195	shale	2380	Comm. 10-8-42
shale brown	205	lime	2395	Comp. 11-14-42
shale blk	225	shale	2420	Prod. Tested 22 Oil
shale gy	255	lime ½BW 2430	2440	22 Wtr 24 hrs
shale sdy	265	shale blue	2478	
sand & shale gy	325	sand 1 M.Gas	2488	Cable tools used
red rock	330	shale blue	2535	for workover job
shale gy	348	lime	2550	
sand HF 348	356	shale blue	2586	Total depth 3111
red rock	360	sand 1 M.Gas	2572	Plugged back to 3052
shale gy	380	shale blue	2595	
shale brown	390	lime	2610	Ripped 6 5/8"at 3049
red rock	437	shale blue &		
sand HF 437	452	shells	2725	Cemented w/225 Sx
shale blue	480	sand 4 BW	2733	common cement
sand	490	shale & shells	2750	thru rips
shale blue	515	shale blue	2760	Temp.Survey shows
shale blk	555	lime	2775	top cement 2791
shale	600	shale blue	2787	Bailed hole & Gun
slate sdy	645	8½" at 2787		perforated w/47
sand red HF	655	lime & shale brk	3026	shots 2937-2952
red rock	981	sh oil 2787-90		Acidized w/1000 Gals.
gypsum	983	lime Dodge	3037	XF 16 acid swbd &
lime	1023	gas sh oil 2940-50		acidized w/2000 XF16,
red rock	1145	shale blue &		Swbd hole, tested 52½
shale blue	1200	green	3045	oil, 66 wtr in 14 hrs
red rock	1250	sh oil 3027		Drld out plug to 3071
shale blue	1335	red rock	3052	Acidized w/4000 Gal.
salt	1625	shale blue	3057	7½% Acid. Zone 3060
shale blue	1637	Top Oswald		to 69
lime	1680	lime	3074	Swbd & cleaned out
shale blue	1700	oil from 3063-70		hole
lime	1725	lime hd	3085	Drld out to 3100
red rock	1755	lime sft oil	3090	Ran tubing, tested
shale blue	1765	Total Depth.		below packer.
lime	1775			Zone 3085-90, tested
shale blue	1800	Deepening Record:		1 Bbl.oil, 6 wtr,
lime	1820	Comm. 11-18-31		18 hrs
shale blue	1830	Comp. 12-16-31		Pulled tbg, put perf.
red rock	1860	Prod. 180 B.		above packer tested
lime	1880	lime hd	3093	22 oil, 22 wtr 24 H.
shale blue	1890	lime sft more		Put well on pmp
lime brkn	1945	oil	3097	
lime	1980	lime sft wh	3104	Floor & Bench mark
red rock	1997	lime wh hd	3113	unchanged
lime	2015	shale dk	3115	
shale brown	2030	lime hd	3130	
8" at 2272'		shale blue	3133	Topeka 2787-2985
lime shells	2065	lime sft	3140	Dodge 3026-3037
lime brkn	2100	lime hd	3141	Lansing 3057-3111
shale brown	2110	lime sft	3148	(OVER)
shale brown &		2½ BW 3143-48		
shells	2175	Total Depth.		
red rock	2200			
lime ½BW 2226	2225	Plugged back to 3111		
lime shells &		Shot pays swbg 75-80		
red rock	2275	Bbls.Per Day		
red rock	2285			
lime	2295			
shale brown	2300			

STANOLIND
No 3 Brungardt
31-12-15 W
SW NW NW

DEEPENING RECORD

Prod. 60 / 4
Comm. 4-26-49
Comp. 5-12-49

PBD	3170
Drilling lime	3174
" shale blk	3179
" shale gry	3185
" shale red	3190
shale blue caved	3200
Drilling lime & shale	3229
Run 162' 4" Liner	3192
Fair porosity & sat. at	3229
lime	3229
Total Depth	

24 hr. pumping test 60 BO 4 BW
IPF 4-26-49
Completion date 5-12-49