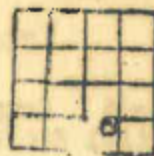


DERBY OIL COMPANY.
 Hiebert No. 1. DEEPENING RECORD.

SEC. 5 T. 22 R. 3 W.
 NE SW SE

Total Depth. 3562
 Comm. 3-28-34 Comp. 5-7-34
 Shot or Treated. 1000 gal.
 Contractor. McPherson Drilling Co.
 Issued. 12-15-34 Rotary O to 3510
 Cable 3510-3550

County. Harvey.



CASING
 15 1/2" 297' 65/8" 3507'
 8 1/2" 3176'

Elevation.

Production. 290 Bbls. in 24 hours.

Figures Indicate Bottom of Formations

surface	50	and a very small oil stain.	
sand	130	ran 8 1/2 3176	
sand and clay	230	bailed hole smell oil and gas.	
shale	255	chat med	3208
broken lime	312	chat soft	3210
shale and shells	377	chat soft	3217
broken lime	638	chat soft	3225
shale and shells	740	bailed hole- show free	
broken lime	765	oil and small amount of gas.	
shale	815	chat hard	3233
broken lime	855	chat med	3235
lime	865	chat hard	3242
broken lime	1146	chat soft	3247
shale	1180	chat med	3249
broken lime	1200	chat soft	3253
shale	1225	chat	3258
broken lime	1235	lime	3390
shale	1438	shale green	3594
broken lime	1453	lime	3400
shale	1585	shale	3505
broken lime	1600	SIM O.K.	
shale	1660	<u>Cored</u>	
broken lime	1692	shale	3507
shale	1850	sand	3507 1/2
broken lime	1880	lime white	3508
shale	1890	lime brown	3510
broken lime	2100	saturated.	
shale	2120	Rotary drilling completed April 26, 1934	
broken lime	2245	Standardized May 6, 1934.	
shale and sand	2390	400' oil after drilling plug	
shaly shale	2400	lime brown soft	3512
broken lime	2460	lime wh med	3514
lime	2551	800' oil in 7 1/2 hours at 3513 1/2	
2551 eq uals 2549 SIM		lime brown soft Saturation	3516
broken lime	2708	1000' oil in 11 hours at 3515	
lime	2808	lime wh med	3518 1/2
broken lime	2823	slight stain oil.	
lime	2910	1250' oil in 19 hours.	
broken lime	2928	lime white hard	3520
shale	3105	very tight	
broken lime	3110	lime sdy white soft	3526
shale	3134	lime brown soft (slight saturation)	3527
3134 equals 3137 SIM		1300' oil in 23 hours.	
shale	3144	lime brown soft (slight saturation)	3534
lime	3150	1350' oil in 24 hours.	
shale	3171	some pieces very porous.	
chat soft	3176	1400' oil in 25 1/2 hours.	
chat med	3177	lime brown hard	3535
chat soft smell gas.	3179	swabbed 30 bbls in 4 hours from bottom	
chat hard	3181	May 11, 1934. Pumped 152 bbls in 24 hours.	
chat soft	3182	Acidized May 14, 1934 with 1000 gal -	
chat hard	3184	May 16, 1934. Pumped 170 bbls in 24 hours	
chat med	3185	<u>DEEPENING</u>	
chat soft	3187	Commenced 5-20-34 Comp. 5-22-34.	
chat med	3189	Fluid level 1300'	
chat soft	3190	Swabbed.	
chat very soft	3199	lime wh hard sdy.	3545
smell oil and gas.		shale grey	3546
chat med	3201	lime wh hard	3548
chat soft	3202	shale grey	3550 TD
Ran Halliburton tester 3176'-3202		Swabbed IOBPHR for 2 hr. May 26, 1934 Swab	
let stand 15 min. smell of gas.		87 bbls 10 hrs off bottom. May 29, 1934	
		Swab 290 bbls in 24 Hr. off bottom.	

Derby Oil Company.
 Hiebert No. 1.
 5-22-3W.

DEEPENING RECORD.

Old T.D. 3550

Comm. 7-1-34 Comp. 7-9-34.
 Prod. Potential 366 B.O.

shale and lime 3550- 3562
 Total Depth.

Depth	Description	Remarks
3550	Shale and lime	
3551	Shale and lime	
3552	Shale and lime	
3553	Shale and lime	
3554	Shale and lime	
3555	Shale and lime	
3556	Shale and lime	
3557	Shale and lime	
3558	Shale and lime	
3559	Shale and lime	
3560	Shale and lime	
3561	Shale and lime	
3562	Shale and lime	