

Location, NEc NW NW

Sec. 17 T. 22 R. 3W

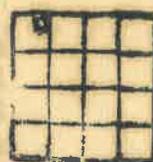
Casing Record.

County Harvey

10" Farm. Schmidt  
 20" 8 1/2" 3138 Company Derby Oil Company.  
 15 1/2" 65/8" 3403 Contr.  
 12 1/2" 283 53/16" Comm. 4-18-33  
 Total Depth, 3578 Shot Quarts Between.  
 Correspondence Regarding This Well Should Be Referred To,

No. 2

Comp. 6-18-33



Figures Indicate Bottom of Formations.

Elevation, Initial Production,

Date Issued, 7-15-33

Flow 1275 B in 24 hrs.

Formation	Depth	Formation	Depth	Formation	Depth
surface clay	45	chat	3138	lime	3314
sand	185	3138 equals 3143		shale blk	3332
sand shells&clay	230	chat med	3144	shale dark	3384
shale	275	chat soft	3145	shale grey	3401
shale and shells	283	chat hard	3145 1/2	sand	3403
shale	450	chat soft	3146	Rotary completed 5-19-33	
broken lime	600	chat med	3147	Standardized	
shale	640	chat soft	3152	3403 equals 3406	
broken lime	675	chat med	3155	lime wh hard	3412
shale	715	chat soft	3159	very small rainbow oil	3406
lime	735	chat med	3161	lime white hard	3422
shale	750	chat soft	3162 1/2	very slight rainbow at	3423
broken lime	815	chat hard	3163 1/2	lime brown soft	3436
lime	835	chat med	3164	Increase in oil 3427 Base.	
shale	850	chat soft	3166	show of free oil	
broken lime	903	chat med	3168	Acidized with 1000 gal acid	
shale	934	S.L.M. drill pipe at	3168	and 10 Gal blanket solution	
broken lime	944	unloaded hole		No results whatever. Took	
shale	964	Est. 1/4 M. Gas.		540 lbs to start well	
broken lime	1020	chat med	3169	taking acid.	
shale	1055	Increase in gas		lime	3453
broken lime	1080	chat hard	3172	lime soft	3455
shale	1120	chat soft	3173	lime hard	3473
broken lime	1150	chat med	3174	lime soft sh oil	3476
shale	1320	chat hard	3176	lime soft dark	3477
broken lime	1350	chat med	3177	Swabbing test.	
shale	1382	chat soft	3179	1st hr off bottom 7 1/2 bbls.	
broken lime	1387	chat med	3181	2nd hr off bottom 2 bbls.	
shale	1417	chat soft	3182	lime soft dark	3481
broken lime	1446	Increase in gas		5 1/3 bbls exhausted oil	
shale	1570	chat med	3183	shale blue	3505
broken lime	1600	chat hard	3184	shely lime dark	3523
shale	1635	chat soft	3186	shale grey	3535
broken lime	1685	chat med	3187	shaley lime brown	3536
shale	1746	chat soft	3189	lime brown	3538
broken lime	1751	chat med	3189 1/2	lime white	3555
shale	1820	chat soft	3190	sdly lime	3557
lime	1835	Increase in gas.		sand with trace of shale	
shale	1870	chat very soft	3194	green	3560
broken lime	1915	Increase in gas		sand	3563
lime	1925	chat soft	3195	had 600' of oil from the	
shale	1945	Increase in gas		upper pay (3477) filled up	
broken lime	1965	chat med	3196	200' making 800' of oil,	
lime	1993	chat soft	3197	sand	3567.
broken lime	2024	Increase in gas		inc oil 1250' oil. Swabbed	
shale	2044	chat med	3200	133/4 bbls per hr off bottom	
broken lime	2237	chat hard	3205	for 8 hours,	
sand	2390	chat soft	3214	sand	3570
shale	2405	chat	3225	increase oil, filled up	
broken lime	2462	lime	3252	1850' in 3 hrs, swabbed 27 1/2	
34-62 equals 2469 S.L.M		unloaded hole. tested		bbls per hr off bottom 2 Hr.	
broken lime	2647	74,230,000 gas with spring		sand	3572
lime	2660	gauge.		Inc oil 1500' oil, swabbed	
shale	2670	lime	3256	40 bbls per hr off bottom	
lime	2757	shale green	3258	for 4 hours.	
sdly lime	2765	lime	3267	sand	3574.
broken lime	2798	shale	3268	Inc oil 2600' oil 3 1/2 hrs.	
lime	2847	lime	3285	swabbed 65 bbls per hr 800'	
shale	2875	shale	3287	off bottom.	
broken lime	2895	lime	3304	3574 equals 3573 1/2	
shale	3135	shaley lime	3308	OVER	

Schmidt Number 2. Section 17-22-3W. Derby Oil Co.  
Harvey County

Formation

Depth.

sand  
Inc oil 3000' oil  
Swabbed 70 bbls per hr. 800' off bottom for 6 hrs.

3578

sand  
Inc oil Swabbed 70bbls per hr. (All Machinery  
can handle.) 1000' off bottom.

TD.

3578

1275 bbls flow in 24 hrs. Using chat gas as lift.

151'4" of 53/16 liner set at 3540.

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3575	1275 bbls flow in 24 hrs. Using chat gas as lift.	3575
3540	151'4" of 53/16 liner set at 3540.	3540
3535		3535
3530		3530
3525		3525
3520		3520
3515		3515
3510		3510
3505		3505
3500		3500
3495		3495
3490		3490
3485		3485
3480		3480
3475		3475
3470		3470
3465		3465
3460		3460
3455		3455
3450		3450
3445		3445
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3435		3435
3430		3430
3425		3425
3420		3420
3415		3415
3410		3410
3405		3405
3400		3400
3395		3395
3390		3390
3385		3385
3380		3380
3375		3375
3370		3370
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3360		3360
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3345		3345
3340		3340
3335		3335
3330		3330
3325		3325
3320		3320
3315		3315
3310		3310
3305		3305
3300		3300
3295		3295
3290		3290
3285		3285
3280		3280
3275		3275
3270		3270
3265		3265
3260		3260
3255		3255
3250		3250
3245		3245
3240		3240
3235		3235
3230		3230
3225		3225
3220		3220
3215		3215
3210		3210
3205		3205
3200		3200
3195		3195
3190		3190
3185		3185
3180		3180
3175		3175
3170		3170
3165		3165
3160		3160
3155		3155
3150		3150
3145		3145
3140		3140
3135		3135
3130		3130
3125		3125
3120		3120
3115		3115
3110		3110
3105		3105
3100		3100
3095		3095
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3080		3080
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3050		3050
3045		3045
3040		3040
3035		3035
3030		3030
3025		3025
3020		3020
3015		3015
3010		3010
3005		3005
3000		3000