

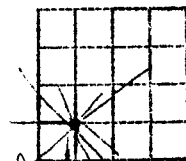
Company - REPUBLIC NATURAL GAS CO.
 Farm - Coulter No. 3

SEC. 23 T. 33 R. 38W

CSW/4

1320' fr SL, 1320' fr WL of SW/4

County. Stevens
 KANSAS



Elevation. 3161' *end*

Production. 26,871,000 gas

CASING:

10 3/4" 627 KB, cem w/250 sx., circ.
 7" 2550 KB, cem w/800 sx., circ.
 5 1/2" liner 208'

Figures Indicate Bottom of Formations.

surface	25	2709	2,818 MCF
sand	70	2717	2,996 "
sand, clay	550	2726	2,959 "
red bed, sand	600	2728	3,132 "
red bed	860	2730	2,996 "
redbed, gyp	1220	2735	3,132 "
shale, gyp	2185	2741	3,097 "
shale, anhydrite	2290		
shale, gyp	2352		Shut in pressure 376.4#.
shale, anhydrite	2425		
anhydrite, lime	2490		
lime	2538		
lime, anhydrite	2555		
cement	2550		
open hole	2555		
lime	2607		
shale	2613		
lime	2650		
shale	2665		
lime	2741		
Total depth			

GAS GAUGES:

2570	1st show
2590	,457 MCF
2627	,647 "
2632	1,372 "
2644-2650	1,705 "
2665	1,646 "
2675	1,767 "
2685	1,992 "
2696	2,288 "
2703	2,502 "
2706	2,544 "
2707	2,584 "

Tops:

Hollenberg	2464
Sandy Herrington	2511
Klyn. Herrington	2521
Upper Krider	2543
Lower Krider	2562
Odell	2600
Winfield	2610
Gage	2650
Ft. Riley	2665

5 1/2" liner ran from 2533-2741.

Gas before liner 2959 MCF,
 after liner 2084 MCF

From August 17, 1949 to Aug. 23,
 acid w/20000 gals 15% acid in 4
 stages. Open flow before acid
 3,097 MCF (BD) and 14,784 MCF
 (BD) after acid.

STRAIGHT HOLE TESTS

Depth	Off
500'	10
1000'	00
1500	00
2400	00