



Operator Name Graybol-Patton Co. Lease Name Simpson Well # 1

Sec. 33 Twp. 9 Rge. 22  East  West County Leavenworth

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
BKC		558'
Cherokee	806	
Burgess Sand	1294	1318'
Mississippi	1320	

CASING RECORD  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	9 7/8	7 5/8		108	Portland	40	3% CaCl <sub>2</sub>
Production	6 1/2	4 1/2	11.6	1349	Pozmix Thixotropic	110 40	6% Gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	1294-1302	50 gal. 15% HCL + 250 gal. 7 1/2% HCL	1294-1302
2	1302-1312	250 gal. 7 1/2% HCL	1302-1312
		5000# 10/20, 5000# 8/12 120MCF Nitrogen, Foam frac	1294 - 1312

TUBING RECORD Size Nil Set At \_\_\_\_\_ Packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	NONE BPTS	DRY HOLE MCF			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 1294-1312  
 Used on Lease  Dually Completed .....  
 Commingled

# Hutton Drilling Co.

P.O. Box 158  
Iola, Kansas 66749

33-9-22E

Phone (316) 365-3981  
(316) 365-5916

Graybol-Fatton Company  
Lease: Simpson  
Well # 1,  
Leavenworth County, Kansas  
S.33 T.9 R.22  
API # 15-103-21,000

THICKNESS	FORMATION	TOTAL DEPTH
2	soil	2
20	clay	22
49	sand	71
35	shale	106
5	lime	111
26	shale	137
3	coal	140
84	shale	224
3	lime, brown	227
7	shale	234
15	lime	249
3	coal	252
4	lime	256
22	shale	278
14	lime	292
4	shale	296
4	red bed	300
23	shale	323
29	lime, dark	352
14	shale	366
20	lime	386
8	shale	394
7	lime	401
2	coal	403
2	lime	405
7	shale	412
7	lime	419
16	shale	435
13	lime	448
14	shale	462
9	lime	471
3	shale	474
29	lime	503
7	shale	510
42	lime, (B.K.C.)	552
142	shale	694
6	lime	700
13	shale	713
7	lime	720
40	sand & shale, w/lime str.	760

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S.33 T.9 R.22  
API # 15-103-21,000

THICKNESS	FORMATION	TOTAL DEPTH
5	lime	765
3	shale	768
7	lime	775
3	shale	778
4	lime,w/shale str.	782
76	shale	858
9	sand & shale	867
12	shale	879
10	shale & sand	889
27	shale,sandy	916
86	shale	1002
8	shale & sand	1010
76	shale	1086
4	SAND	1090
70	shale	1160
10	shale,light	1170
66	shale,dark,sandy	1236
66	SAND & shale	1302
21	SAND,"Burgess"(odor & show)	1323
11	shale,light,silty	1334
26	lime,"Mississippi"	1360

T.D. 1360

Set & cemented 108 ft. of 7&5/8 surface....(05-16-88)

Run 1351' of 4½" casing,w/2 cement baskets, 2 centralizers and ball type float shoe....

commenced drilling 05-17-88  
completed drilling 05-19-88

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