

GEOLOGICAL DEPARTMENT SOUTHWESTERN GAS COMPANY

INDEPENDENCE, KANSAS

LOG OF WELL

Company Farm **Thompson** Well No.
 State **Kansas** County **Butler** S. **34** T. **27** R. **3**
 Commenced Drilling Completed Elev.
 Shot Qts. from to I. P. R. P.
 Casing: **34'** **12"** Casing: **447'** **10"** Casing: **1500'** **8"**
 Casing: **1972'** **8-5/8"** Casing: **2835'** **5-3/16"** Casing:
 Tubing Caged at Packer at
 Contractor

surface	6	lime	1265
clay	18	slate	1350
soapstone	26	lime	1368
lime	4	sand	1384 water
red rock	40	lime	1395
lime	110	slate	1446
red rock	200	lime	1450
lime	206	sand	1472 water
red rock	356	lime	1500
lime	360	slate	1560
sand	368 gas	lime	1580
red rock	401	sand	1620 water
lime	405	lime	1626
sand	417 gas	slate	1746
slate	447	lime	1796
lime	497	sand lime	1805
slate	537	sand	1845 water
lime	645	lime	1856
slate	602	slate	1880
lime	686	lime	1898
slate	712	water sand	1958
lime	635	lime	1972
red rock	747	sand	1988
lime	752	lime	2008
lime slate	812	slate	2041
lime	927	lime	2062
slate	967	slate	2126
lime	1009	lime	2138
slate	1013	water sand	2220
lime	1019	slate	2320
sandy shale	1031	lime	2328
slate	1121	slate	2371
lime	1127	lime	2378
slate	1260	slate	2428

(over)

38-16-NE

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N		LOCATION	
		Ft. from North Line of qr. sec.	
		Ft. from South Line of qr. sec.	
W		Ft. from East Line of qr. sec.	
		Ft. from West Line of qr. sec.	
	S		

TEST

Through	Pitot Tube Test of 192.....			 192.....
	Used	Mercury	Water	Open Gauge Test Shows
... In Tubing	Reading			
... In Casing	Vol. Cu. Ft.			 Lbs.

lime	2432
sand	2437 oil
slate	2499
lime	2516
slate	2599
lime	2609
sand	2661
lime	2667
slate	2674
lime	2678
slate	2697
lime	2709
sand	2713
slate	2773
lime	2770
slate	2835
lime	2847
slate	2899
lime	2915
slate	2930
sandy shale	2950
slate	2960
lime	3010
slate	3045
sandy lime	3065
broken lime	3130
slate	3160 show oil
lime	3200
sandy shale	3260
slate	3355
oil sand	

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Name	Strata	Depth
Surface	6	6
Clay	12	18
Soapstone	8	26
Lime	8	34
Redrock	6	40
Lime	50	110
Redrock	90	200
Lime	6	206
Red Rock	150	356
Lime	16	360
Sand Gas	8	368
Redrock	53	401
Lime	4	405
Sand Gas	12	417
Slate	30	447
Lime	50	497
Slate	40	537
Lime	8	545
Slate	37	602
Lime	4	606
Slate	106	712
Lime	23	735
Redrock	12	747
Lime	5	752
Slate	160	912
Lime	25	937
Slate	60	997
Lime	12	1009
Slate	4	1013
Lime	6	1019
Sandy shale	12	1031
Slate	20	1121
Lime	6	1127
Slate	133	1260
Lime	5	1265
Slate	85	1350
Lime	18	1368
Sand water	16	1384
Lime	11	1395
Slate	51	1446
Lime	4	1450
Sand water	22	1472
Lime	28	1500
Slate	60	1560
Lime	20	1580
Sand water	40	1620
Lime	6	1626
Slate	120	1746
Lime	50	1796
Sand lime	9	1805
Water sand	40	1845
Lime	11	1856
Slate	24	1880
Lime	18	1898
Water sand	60	1958
Lime	14	1972
Sand	16	1988

227618

W. L. Stryker Est.

#2.

THOMPSON Cont.

Name	Strata	Depth
Lime	20	2008
Slate	33	2041
Lime	21	2062
Slate	64	2126
Lime	12	2138
Water sand	98	2220
Slate	100	2320
Lime	8	2328
Slate	43	2371
Lime	7	2378
Black slate	50	2428
Lime	4	2432
Sand oil	5	2437
Slate	62	2499
Lime	17	2516
Slate	83	2599
Lime	10	2609
Gray sand	52	2661
Lime	6	2667
Black slate%	7	2674
Lime	4	2678
Black slate	21	2697
Lime	10	2709
Sand	4	2713
Black slate	60	2773
Lime	6	2779
Black slate	56	2835
Lime	12	2847
Slate	52	2899
Lime	16	2915
Slate	15	2930
Sandy shale	20	2950
Black slate	30	2980
Lime	30	3010
Black slate	35	3045
Sandy lime	20	3065
Broken lime	75	3130
Slate	30	3160
Lime hard	40	3200
Sandy shale	60	3260
Slate	95	3355
Oil Sand.		

CASING RECORD.

12"	casing	34'
10"	"	447
8"	"	1500'
6 5/8"	"	1972'
5 3/16"	"	2835'

9 barrel average for year

Now about 30.

Show of oil

227017

W. L. Stryker Est.