

Operator Name Solar Petroleum, Inc. Lease Name E. Miller "D" Well # 52-30

Sec. 30 Twp. 14 Rge. 13 East West County Russell

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
Tarkio Sand	2271	
Tarkio Lime	2310	
Topeka	2576	
Heebner	2810	
Toronto	2828	
Top LKC	2874	
Base LKC	3086	
Granite Wash	3144	

Estimated Production Per 24 Hours	44.80	TSTM	275.20	39.8
	Bbls	MCF	Bbls	CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) as above
 Used on Lease perforation record
 Dually Completed

Surface	12 1/2"	8-5/8"	23#	701	60/40poz	260	2% gel 3% cc
Production	7-7/8"	5 1/2"	15 1/2#	3199	common	250	10% salt 5% Gilsonite

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record
 (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
1	2972-2974, 2976 LKC G	Sptd 750gal acid, acid 2000 gal 28% MA, 5% Roy sol, 2000 gal 15% MA, 2 perf balls	2972, 2974, 2976
1	2902, 2904, 2920, 2923	300 gal 28% MA, 5% Roy Sol, 2 perf balls	2902, 2904
4	2900-06, 2918-26, 2970-77 (no acid)		2920, 2923

TUBING RECORD Size 2 7/8 Set At NO Packer at NO Liner Run Yes No

Date of First Production 1-3-86 Producing Method Flowing Pumping Gas Lift Other (explain)

30-14-13W

DRILLER'S WELL LOG A

DATE COMMENCED: November 13, 1985
DATE COMPLETED: November 18, 1985

Solar Petroleum, Inc.
E. MILLER "D" 52-30
NE NW SW
Sec. 30, T14S, R13W
Russell County, Ks.

ELEVATION: 1752 K.B.

0	-	182'	Surface Soil, Sand, Shale
182	-	695'	Hard Sand, Shale, Red Bed
695	-	734'	Anhydrite
734	-	2545'	Lime & Shale
2545	-	2563'	Lime
2563	-	2583'	Shale & Sand
2583	-	2811'	Lime
2811	-	2815'	Shale
2815	-	2877'	Lime & Shale
2877	-	3087'	Lime
3087	-	3143'	Shale & Lime
3143	-	3200'	Granite Wash
		3200'	RTD

FORMATION DATA

Anhydrite	695'
Howard	2545'
Severy	2563'
Topeka	2583'
Heebner	2811'
Toronto	2830'
Douglas	2845'
Kansas city	2877'
Base K.C.	3087'
Granite Wash	3143'
RTD	3200'

Surface Pipe: Set new
8-5/8", 23# pipe @701'
w/260 sacks 60/40 pozmix
2% gel 3% cc.

Production Pipe: Set new
5 1/2", 15 1/2# @3199' w/250
sacks common 10% salt
5% Gilsonite w/10 bbls.
salt flush ahead.

NOV 15 1985
State Geologist
WICHITA, KANSAS

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Leonard Williamson

Subscribed and sworn to before me this 25 day of November 1985.

My Comm. Expires: