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STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 6879  
Name Solar Petroleum, Inc.  
Address 1099 18th St., Suite 2900  
Denver, Colorado 80202  
City/State/Zip

Purchaser Texaco

Operator Contact Person David S. Cushman  
Phone 303-292-5850

Contractor: License # 5929  
Name Duke Drilling

Wellsite Geologist Eirc Lipinski  
Phone

Designate Type of Completion

New Well     Re-Entry     Workover

Oil                       SWD                       Temp Abd  
 Gas                       Inj                       Delayed Comp.  
 Dry                       Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator  
Well Name  
Comp. Date ..... Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary     Air Rotary     Cable

11-19-85                      11-25-85                      12-19-85  
.....                      .....                      .....  
Spud Date                      Date Reached TD                      Completion Date  
  
3200                      3188  
.....                      .....  
Total Depth                      PBDT

Amount of Surface Pipe Set and Cemented at 683 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt

API NO. 15-1167, 22, 1680  
*KE-LCL*

County Russell

NW NW NE    Sec. 31    Twp. 14S    Rge. 13     East  
.....                      .....                      .....                      .....                       West

..... 4950 Ft North from Southeast Corner of Section  
..... 2260 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name G. Miller B Well # 15-31

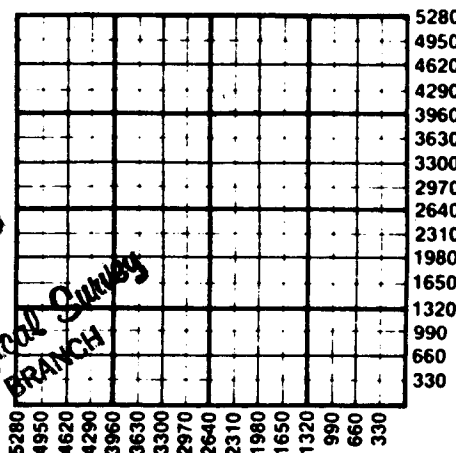
Field Name Hall-Gurney

Producing Formation J.K.C., C., D., E., G.

Elevation: Ground 1731 KB 1736

Section Plat

*FEB 11 1985*  
*State Geological Survey*  
*WICHITA BRANCH*



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # .....  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec    Twp    Rge     East     West

Surface Water. 3630 Ft North from Southeast Corner  
(Stream, pond etc) 4290 Ft West from Southeast Corner  
Sec 30 Twp 14 Rge 13  East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

Operator Name Solar Petroleum, Inc. Lease Name G. Miller B Well # 15-31

Sec. 31 Twp. 14S 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	2250	
Tarkio Lime	2288	
Topeka	2560	
Heebner	2789	
Lansing	2856	
Base LKC	3066	
Granite Wash	3134	

12-20-63	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	7.86 Bbls	TSTM MCF	254.14 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease

As above

Dually Completed  perforation record

	Drilled	Set (in O.D.)	Lbs/Ft.	Depth	Cement	Used	Additives
Surface	12.1/4	8.5/8	23	683	60/40 P.O.Z.	250	2% gel, 2% CaCl
Production	7.7/8	15.1/2	15.5	3199	common	275	10% salt, 5% gel, 5% soni

PERFORATION RECORD			Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth	
1	2950, 2952.5, 2955	LKC G	2000 gal	28% NE
4	2948-57	LKC G		
4	2927-30	LKC F		
1	2894, 2890, 2898, 2880	LKC C, D	3000 gal	28% NE

TUBING RECORD	Size 2 7/8	Set At 3150	Packer at NO	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production | Producing Method

31-14-13W

DRILLER'S WELL LOG

DATE COMMENCED: November 19, 1985  
DATE COMPLETED: November 25, 1985

Solar Petroleum, Inc.  
G. MILLER "B" 15-31  
NW NW NE  
Sec. 31, T14S, R13W  
Russell County, Ks.

ELEVATION: 1731 K.B.

0 - 226'	Surface Soil, Shale, Sand
226 - 676'	Hard Sand, Shale
676 - 698'	Anhydrite
698 - 2521'	Lime & Shale
2521 - 2540'	Lime
2540 - 2562'	Shale & Sand
2562 - 2789'	Lime
2789 - 2793'	Shale
2793 - 2808'	Lime & Shale
2808 - 2820'	Lime
2820 - 2854'	Shale
2854 - 3066'	Lime
3066 - 3124'	Shale, Lime, Chert, Sand
3124 - 3200'	Granite Wash
3200'	RTD

FORMATION DATA

Anhydrite	676'
Howard	2521'
Severy	2540'
Topeka	2562'
Heebner	2789'
Toronto	2808'
Douglas	2820'
Kansas City	2854'
Base K.C.	3066'
Conglomerate	3099'
Granite Wash	3124'
RTD	3200'

Surface Pipe: Set new  
8-5/8", 23# pipe @ 683'  
w/250 sacks 60/40 pozmix  
2% gel 3% cc.

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

FEB 11 1986

State Geological Survey  
WICHITA BRANCH

AFFIDAVIT

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 27 day of November 1985.

