

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  
Stellar Plaza  
City/State/Zip ... Denver, CO 80202-1999

Purchaser ... **TEXACO**

Operator Contact Person ... Sherwin Artus  
Phone ... 303-292-5850

Contractor: License # ... 8241  
Name ... Emphasis Oil Operations

Wellsite Geologist ... Richard G. Smith  
Phone ... 316-792-2871

Designate Type of Completion

- New Well  Re-Entry  Workover
- Oil  SWD  Temp Abd
- Gas  Inj  Delayed Comp.
- Dry  Other (Core, Water Supply etc.)

If **OWNO**: old well info as follows:

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

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

.. 3/19/85 .. 3/24/85 .. 5/23/85 ..  
Spud Date Date Reached TD Completion Date

.. 3200 RTD ..  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at ... 666 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- 167-22,572

County ... Russell  
Approx. NE SE SW Sec. 30 Twp. 14S Rge. 13  East  West

1025 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

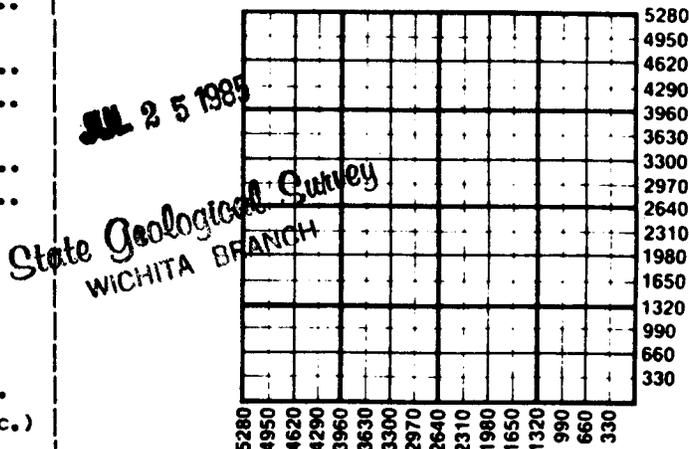
Lease Name ... E. Miller "B" Well # ... 74-30

Field Name ... Hall-Gurney

Producing Formation ... **LAUSING KANSAS CITY**

Elevation: Ground ... 1711 KB ... 1716

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  
Docket # **JUL 23 1985 C-15078**  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 .. 4980 Ft North from Southeast Corner (Stream, pond etc) .. 2300 Ft West from Southeast Corner Sec 31 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.

Operator Name **Solar Petroleum, Inc.** Lease Name **E. Miller "B"** Well # **74-30**

Sec. **30** 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
Grandhaven	2200	
Tarkio Limestone	2270	
Tarkio Sand	2308	
Topeka	2535	
Heebner	2768	
Toronto	2786	
Douglas	2800	
Lansing	2834	
Base Kansas City	3048	
Granite Wash	3105	
TD (Logger)	3199	

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	<b>3.93</b> Bbls	<b>TSTM</b> MCF	<b>258.07</b> Bbls	CFPB	<b>29.8°</b>

METHOD OF COMPLETION

Production Interval

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

2926-32 2919-23  
 2872-82

Dually Completed  
 Commingled

Surface.....	12-1/4"	8-5/8"	24	666	Class A	300	2% gel	3% c.c.
Production.....	7-7/8"	5-1/2"	15%	3199	50/50 perf EA2	250		

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2926-32	Acid w/ 2750 gals 15% NE	2919-23 2926-32
2	2919-23	Acid w/ 1300 gals 15% NE	2919-23
4	2872-82	Acid w/ 50 gals acid/ft	
4	2858-64	Sqzd w/ 100 sxs	2858-64
	2872-82 - Acid w/ 3250 gals	Acid w/ 3250 gals 15% NE	2858-64
		Acid w/ 500 gals 15% NE	2926-32 2919-23

TUBING RECORD

Size **2-7/8** Set At **3197** Packer at **N/A** Liner Run  Yes  No

Date of First Production **5/23/80** Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

30-14-13W  
K.B.

MAR 25 1985

State Geological Survey  
WICHITA BRANCH

EMPHASIS OIL OPERATIONS

P. O. Box 506  
Russell, KS 67665 X

DRILLERS LOG

OPERATOR: Solar Petroleum, Inc.  
Stellar Plaza  
1099 18th St., Suite 2900  
Denver, CO 80202-1999

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: E. Miller "B"

WELL: #74-30

LOCATION: Approx. NE SE SW  
Section 30-14S-13W  
Russell County, Kansas

Log Total Depth: 3199'

Rotary Total Depth: 3200'

Commenced: 3/19/85

Casing: 8-5/8" @ 666' w/300 sks cement  
5-1/2" @ 3199' w/250 sks cement

Elevation: 1716' K.B.

Completed: 3/24/85

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Topsoil & Sand	30'	Shale	2425'
Shale	118'	Lime & Shale	2925'
Iron Pyrite	136'	Lime	3057'
Shale	654'	Lime & Granite	3183'
Anhydrite	678'	Granite (R.T.D.)	3200'

STATE OF KANSAS )  
COUNTY OF RUSSELL) ss

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.