

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 Stellar Plaza
1099 18th St., Suite 2900
City/State/Zip Denver, CO 80202-1999

Purchaser TEXACO

Operator Contact Person Sherwin Artus
Phone 303-861-9561

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist Richard 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 OWM: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

4/12/85... 4/18/85... 5/23/85...
Spud Date Date Reached TD Completion Date
3175' RTD
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 665 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. 15-167-22,575

County Russell

SE NW SE 30 14S 13 ☐ East
Sec Twp Rge ☒ West

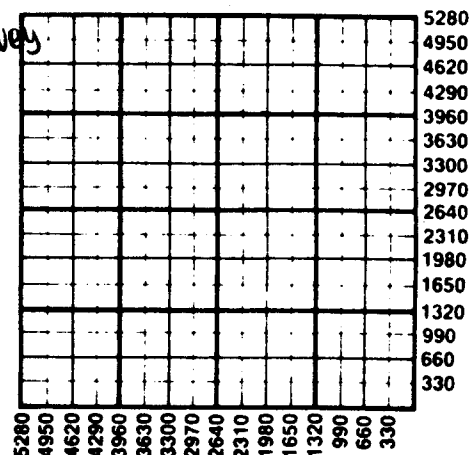
1650 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name E. Miller "A" Well # 66-30

Field Name Hall-Gurney

Producing Formation LAWSON, KANSAS CITY

Elevation: Ground 1722' KB 1727'
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 14, F. 23, 459, 4 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 14S 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 E. Miller "A" Well # 66-30

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	2212	
Tarkio Limestone	2282	
Tarkio Sand	2320	
Topeka	2552	
Heebner	2784	
Toronto	2800	
Douglas	2816	
Lansing	2852	
Base Kansas City	3060	
TD (Logger)	3172	

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	10.3 Bbls	TSTM MCF	46.9 Bbls	CFPB	40.0°

METHOD OF COMPLETION

Production Interval

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

2890-96, 2874-80

☐ Dually Completed
☒ Commingled

2944-52, 2932-38

	Drilled	Set (in O.D.)	Loss/Ft.	Depth	Gravel	Gravel	Gravel
Surface	12-1/4"	8-5/8"	24	665'	50/50 pop	340	3% c.c., 2% gel.
Production	7-7/8"	5-1/2"	15 1/2"	3174'	Surefill	225	

PERFORATION RECORD			Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	2890-96		Acid w/ 2000 gals NE	2890-96
4	2874-80		Acid w/ 2500 gals NE	2874-80
4	2944-52		Acid w/ 2000 gals 15% NE	2944-52, 2932-
4	2932-38			

TUBING RECORD		Size 2-7/8"	Set At 3/33	Packer at N/A	Liner Run	☐ Yes ☒ No
Date of First Production 5/23/85		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....				

★

JUL 25 1985

30-14-13W
End

State Geological Survey
WICHITA BRANCH

EMPHASIS OIL OPERATIONS

Box 506

Russell, KS 67665

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 "A"

WELL: #66-30

LOCATION: SE NW SE
Section 30-14S-13W
Russell County, Kansas

Log Total Depth: 3173'

Rotary Total Depth: 3175'

Commenced: 4/12/85

Elevation: 1727' K.B.

Completed: 4/18/85

Casing: 8-5/8" @ 665' w/340 sks cement
5-1/2" @ 3174' w/225 sks cement

Status: Oil Well

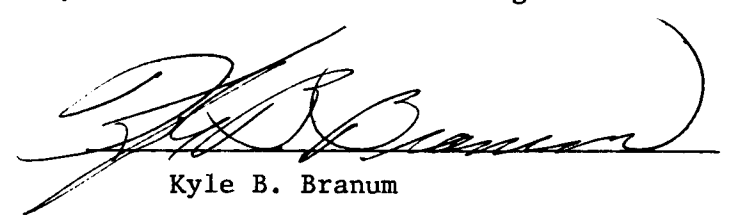
DEPTHS & FORMATIONS

(All measurements from K.B.)

Top soil & Shale	117'	Redbed	1150'
Iron Pyrite	208'	Shale	2724'
Shale & Pyrite	405'	Lime & Shale	2815'
Shale	661'	Lime (R.T.D.)	3175'
Anhydrite	690'		

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.


Kyle B. Branum