

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.....
NameSolar Petroleum, Inc.....
Address1099 18th Street, Suite 2900.....
City/State/Zip ..Denver, CO..80202.....

Purchaser.....Texaco.....

Operator Contact Person ..David Cushman.....
Phone313-292-5850.....

Contractor: License #5929.....
NameDuke Drilling Co., Inc.....

Wellsite Geologist.....Eric Lipinski.....
Phone.....303-292-5850.....

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If OMWO: old well Info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

...11-26-85 ...12-2-85 ...1-9-86.....
Spud Date Date Reached TD Completion Date

...3200 ...3180.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 647 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
Cement Company Name
Invoice #

API NO. 15-.....167-22,709.....

County.....Russell.....

SW..NW... NE... Sec.31.. Twp.14..Rge.13... X East
West

4290..... Ft North from Southeast Corner of Section
2210..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

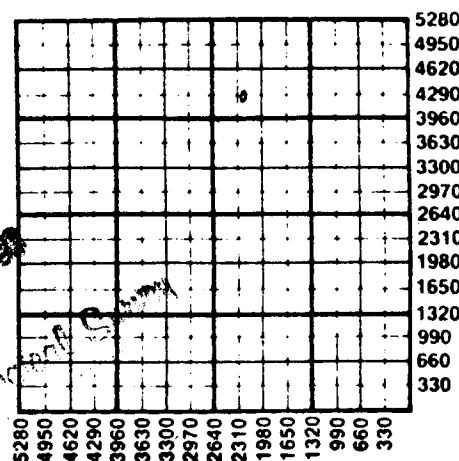
Lease Name...G. Miller 'C'.....Well #25-31.

Field Name.....Hall-Gurney.....

Producing Formation.....LKC.....

Elevation: Ground.....1702.....KB.....1707.....

Section Plat



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.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have

SIDE TWO

Operator Name Solar Petroleum, Inc. Lease Name G. Miller 'C' Well # 25-31Sec. 31 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	2227	
Tarkio Lime	2264	
Topeka	2536	
Heebner	2763	
Top LKC	2830	
Gorham Sand	3102	

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	44.80 Bbls	TSTM MCF	275.20 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

as above

☐ Dually Completed

perforation record

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface Production	12 1/4" 7-7/8"	8-5/8" 15 1/2"	23# 5 1/2#	647' 3199'	60/40 pozz common	240 250	2% gel 3% cc 10% salt 5% Gilsomite

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	2937-2941	500 gal 28% MA	
1	2922-2924		
1	2862-2866	3000 gal 28% MA	
4	2860-73		

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
	2 7/8	3176	NO		

Date of First Production 1-9-86 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

31-14-13W

DRILLER'S WELL LOG X

DATE COMMENCED: November 26, 1985
 DATE COMPLETED: December 2, 1985

Solar Petroleum, Inc.
 G. Miller 'C' #25-31
 SW NW NE
 Sec. 31, T14S, R13W
 Russell County, Ks.

ELEVATION: 1707 K.B.

0 - 642' Surface Soil, Red Bed Shale
 642 - 680' Anhydrite
 680 - 2496' Shells, Shale
 2496 - 2518' Lime
 2518 - 2536' Shale & Sand
 2536 - 2765' Lime
 2765 - 2769' Shale
 2769 - 2783' Lime & Shale
 2783 - 2831' Lime & Shale
 2831 - 3041' Lime
 3041 - 3101' Shale & Lime
 3101 - 3200' Granite Wash
 3200' RTD

FORMATION DATA

Anhydrite	642'
Howard	2496'
Severy	2518'
Topeka	2536'
Heebner	2765'
Toronto	2783'
Douglas	2800'
Kansas City	2831'
Base K.C.	3041'
Granite Wash	3101'
RTD	3200'

Surface Pipe: Set new
 3-5/8", 23# pipe @647'
 w/240 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%
 Gilsomite w/10 bbls. salt
 flush ahead.

FEB 17 1986
 State of
 WICHITA

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.

Subscribed and sworn to before me this 6th day of December 1985.

My Comm. Expires:

4-29-86

Leonard Williamson

Dorothy M. Hague
 Notary Public