

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
 City/State/Zip Denver, CO 80202

Purchaser Texaco

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

Contractor: License # 5929
 Name Duke Drilling Co., Inc.

Wellsite Geologist
 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 **OWO**: old well info as follows:
 Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

11-6-85 11-12-85 12-13-85
 Spud Date Date Reached TD Completion Date

3200
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 700 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. 15-167-22-682
 County Russell
 SW. NW. SW. Sec. 30. Twp. 14 Rge. 13. East West

1600 Ft North from Southeast Corner of Section
 4850 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

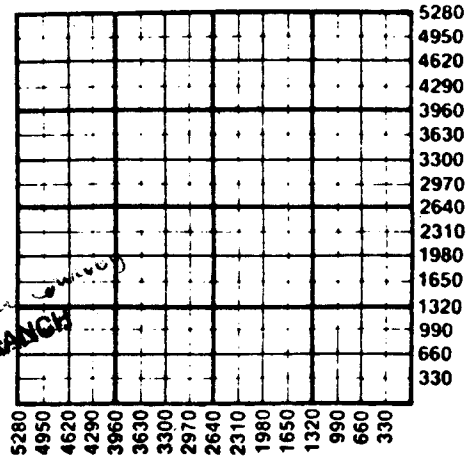
Lease Name E. Miller 'F' Well #. 61-30.

Field Name Hall-Gurney

Producing Formation LKC G. D. C.

Elevation: Ground 1738 KB 1742

Section Plat



JAN 15 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.

Operator Name Solar Petroleum, Inc. Lease Name E. Miller 'F' Well # 61-30

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	2264	
Tarkio Lime	2304	
Topeka	2574	
Heebner	2803	
LKC Top	2879	
LKC Base	3080	
Gr nite Wash	3137	

Estimated Production Per 24 Hours	<u>54.80</u> Bbls	TSTM	MCF	<u>82.2</u> Bbls	CFPB	<u>39.8</u>
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METHOD OF COMPLETION

Production Interval

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

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Percent Additives
Surface	1 1/2"	8-5/8"	23#	700'	60/40poz	275	2% gel 3% ca.
Production	7-7/8"	5 1/2"	15 1/2#	3199'	common	250	10% salt 5% Gilsoni

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
1/4	2962-2966, 2970 LKC G	2000 gal 28% NE	2962, 2966, 2970
1/4	2958-74 LKC G		
1/4	2913-2914 LKC D	2000 gal 28% NE	2892, 2913, 2914
1/4	2910-17 LKC D		
1 & 4	2892, 2891-94 LKC C		

TUBING RECORD	Size Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8 3195	no		

Date of First Production 12-14-85 Producing Method Flowing Pumping Gas Lift Other (explain).....

DRILLER'S WELL LOG X

DATE COMMENCED: November 6, 1985
DATE COMPLETED: November 12, 1985

Solar Petroleum, Inc.
E. MILLER 'F' 61-30
Approx. SW NW SW
Sec. 30, T14S, R13W
Russell County, Ks.

ELEVATION: 1742 K.B.

0 - 169'	Surface Soil, Sand, Shale
169 - 184'	Hard Sand
184 - 694'	Shale, Sand, Red Bed
694 - 733'	Anhydrite
733 - 2535'	Shale, Shells, Lime
2535 - 2554'	Lime
2554 - 2571'	Sand & Shale
2571 - 2803'	Lime
2803 - 2836'	Shale & Lime
2836 - 2869'	Shale
2869 - 3079'	Lime
3079 - 3126'	Shale & Lime
3126 - 3200'	Granite Wash
3200'	RTD

FORMATION DATA

Anhydrite	694'
Howard	2535'
Severy	2554'
Topeka	2571'
Heebner	2803'
Toronto	2820'
Douglas	2836'
Kansas City	2869'
Base K.C.	3079'
Granite Wash	3126'
RTD	3200'

JAN 15 1985
State Geologist
WICHITA BRANCH

Surface Pipe: Set new
8-5/8", 23# pipe @700'
w/275 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.

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 18 day of November 1985.

My Comm. Expires.