

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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 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 OWWO: old well info as follows:

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

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

3/14/85 3/19/85 6/18/85
 Spud Date Date Reached TD Completion Date
 3190
 Total Depth PBSD

681
 Amount of Surface Pipe Set and Cemented at.....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
 NE SW SW 30 14S 13 ☐ East
 Sec.... Twp.... Rge.... ☒ West

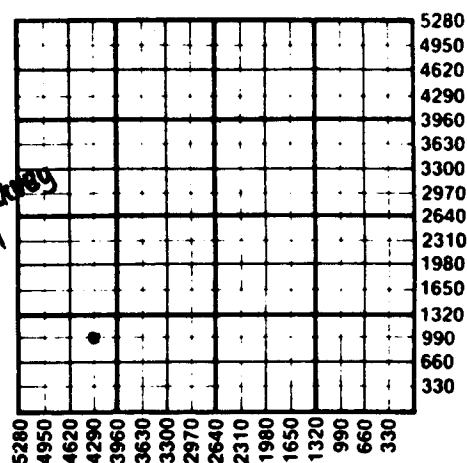
990 Ft North from Southeast Corner of Section
 4290 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

Lease Name E. Miller "B" Well # 72-30

Field Name Hall-Gurney

Producing Formation LAWSING KANSAS CITY

Elevation: Ground 1724 KB 1729
 Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
 Docket # 23659 ☒ Repressuring
C15078

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 "B" Well #..... 72-30

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	2214	
Tarkio Limestone	2284	
Topeka	2553	
Heebner	2783	
Toronto	2800	
Douglas	2814	
Lansing	2848	
Base Kansas City	3061	
Granite Wash	3116	
PreCambrian	3137	
TD (Rotary)	3189	

AUG 07 1985
 Geological Survey

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	50.0 Bbls	TSTM MCF	58.0 Bbls	CFPB 38.6	

METHOD OF COMPLETION

Production Interval

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

☐ Dually Completed
☒ Conmingled

2946-54, 2887-96

2870-76

Surface	12-1/4"	8-5/8"	24	681	60/40 poz	285	3% c.c., 2% gel.
Production	7-7/8"	5-1/2"	15%	3189	EAR	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
4	2946-54	Acid w/ 2000 gals 15% NE	2946-54
4	2887-96	Acid w/ 2000 gals NE	2887-96
4	2870-76	Acid w/ 1000 gals NE	2870-76

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
	2-7/8	3186	N/A		

Date of First Production 10/18/85 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

30-14-13W

Und.

EMPHASIS OIL OPERATIONS ✓

P. O. 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 "B"

WELL: #72-30

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

Rotary Total Depth: 3190'

Log Total Depth: 3189'

Commenced: 3/14/85

Completed: 3/19/85

Casing: 8-5/8" @ 681' w/285 sks cement
5-1/2" @ 3189' w/250 sks cement

Status: Oil Well

DEPTHS & FORMATIONS

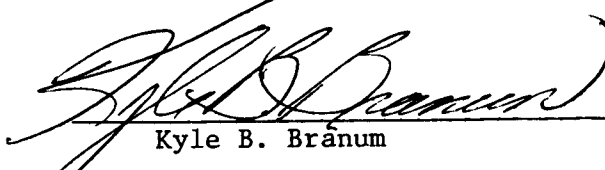
(All measurements from K.B.)

Soil & Shale	92	Shale	677
Sand	118	Anhydrite	716
Iron Pyrite	168	Shale	2500
Shale	193	Lime & Shale	3073
Dakota Sand	300	Lime (R.T.D.)	3190

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

AUG 07 1985
State Geological Survey
WICHITA BRANCH