

Ind ✓

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
Solar Petroleum, Inc.
Name
Address 1099 18th Street, Suite 2900
City/State/Zip Denver, CO 80202

Purchaser: Texaco

Operator Contact Person Dave Cushman
Phone (303) 292-5850

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

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. Date Old Total Depth

WELL HISTORY

Drilling Method:
☒ Mud Rotary ☐ Air Rotary ☐ Cable
10-25-85 11-5-85 12-4-85
Spud Date Date Reached TD Completion Date
3180
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 788 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to SX cmt
Allied Cement

API NO. 15-167-22,684
County Russell
SE NW SW Sec. 30 Twp. 14 Rge. 13 East
X West

1650 Ft North from Southeast Corner of Section
4200 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

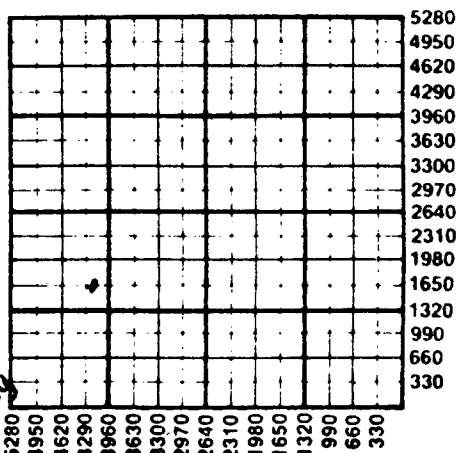
Lease Name E. Miller "F" Well # 62-I-30

Field Name Hall-Gurney

Producing Formation LKC C, G

Elevation: Ground 1724 KB 1729

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
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

X Surface Water 3630 Ft North from Southeast Corner
(Stream, pond etc.) 4290 Ft West from Southeast Corner
Sec 30 Twp 14 Rge 13 East X West

Estimated Production Per 24 Hours	Oil 47 Bbls	Gas TSTM MCF	Water 81 Bbls	Gas-Oil Ratio CFPB	Gravity
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METHOD OF COMPLETION

Production Interval

Disposition of gas: ☒ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify) as perforation
☐ Used on Lease record above
☐ Dually Completed

SIDE TWO

Operator Name Solar Petroleum, Inc. Lease Name E. Miller "F" Well # 62-I-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

SEE ATTACHMENT

FEB 18 1986
 State Geological Survey
 WICHITA BRANCH

Name	Top	Bottom
Anhydrite	680	(+1049)
Grandhaven Lime	2220	(- 491)
Doyer Lime	2242	(- 513)
and Tarkio Sand	2250	(- 521)
Tarkio Lime	2290	(- 561)
Elmont Lime	2354	(- 625)
Topeka Lime	2255	(- 826)
Heebner Shale	2788	(-1059)
Toronto Lime	2804	(-1075)
Lansing-KC	2853	(-1124)
Base-Kansas City	3065	(-1336)
Granite Wash	3122	(-1393)
T.D.	3183	(-1452)

CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

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	12 1/4"	8-5/8"	23#	788	60/40 pozz	300	2% gel 3% CC
Production	7-7/8"	5 1/2"	15 1/2#	3179	common	250	10% salt

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	2880-2881 LKC C	3000 gal 28% NE	2880-81
1	2897-2898 LKC C		2897-98
4	2879-2883 LKC C		
4	2895-2901 LKC C		
4	2946-58 LKC G	500 gal 28% NE, 1500 gal 28% w/50 perf ball	2946-58

TUBING RECORD	Size 2 7/8	Set At 3176	Packer at NO	Liner Run ☐ Yes ☒ No
Date of First Production	12-4-85	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....	

30-14-13W

DRILLER'S WELL LOG

DATE COMMENCED: October 25, 1985
DATE COMPLETED: November 5, 1985

Solar Petroleum, Inc.
E. MILLER "F" 62-13-30
SE NW SW
Sec. 30, T14S, R13W
Russell County, Ms.

ELEVATION: 1729 K.B.

0 - 160' Surface soil, Sand, Clay, Shale
160 - 677' Hard Sand, Red Bed, Shale
677 - 715' Anhydrite
715 - 2520' Lime & Shale
2520 - 2538' Lime
2538 - 2556' Shale & Sand
2556 - 2787' Lime
2787 - 2791' Shale
2791 - 2852' Lime & Shale
2852 - 3064' Lime
3064 - 3122' Shale & Lime
3122 - 3180' Granite Wash
3180' RTD

FORMATION DATA

Anhydrite	677'
Howard	2520'
Severy	2538'
Topeka	2556'
Heebner	2787'
Toronto	2804'
Douglas	2817'
Kansas City	2852'
Base K.C.	3064'
Granite Wash	3122'
RTD	3180'

Surface Pipe: Set new
8-5/8", 23# pipe @788' w/300
sacks 60/40 pozzol 2% gel
3% cc.

Production Pipe: Set new
5 1/2", 15# @3179' w/250 sacks
common 10% salt & 5% Gilsomite
w/10 bbls. salt flush.

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 8TH day of November 1985.
My Comm. Expires:

4-29-86

Leonard Williamson
Dorothy M. Hague
Notary Public