



SIDE ONE

AFFIDAVIT OF COMPLETION FORM

14-12-160
(REV) ACO-1

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).
KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR SOLAR PETROLEUM, INC.API NO. 15-051-22536ADDRESS One Denver Place #1300, 999 18th St.COUNTY EllisDenver, CO 80202FIELD Blue Hill**CONTACT PERSON David S. CushmanPROD. FORMATION Topeka, LKC G, ArbucklePHONE (303) 629-5850LEASE Smith 'A'PURCHASER Matador Pipelines, Inc.WELL NO. 9ADDRESS P.O. BOX 509WELL LOCATION app W $\frac{1}{2}$ W $\frac{1}{2}$ NE $\frac{1}{4}$ Russell, KS 676651260 Ft. from North Line and2310 Ft. from East Line ofthe NE $\frac{1}{4}$ SEC. 14 TWP. 12S RGE. 16WDRILLING Emphasis Oil Operators

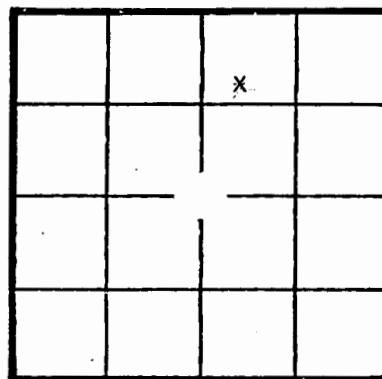
CONTRACTOR

ADDRESS P.O. BOX 506Russell, KS 67665

PLUGGING

CONTRACTOR

ADDRESS

*State Geological Survey
WICHITA, BRANCH*TOTAL DEPTH 3450' PBTD 3418.07'SPUD DATE 9/24/81 DATE COMPLETED 4/13/82ELEV: GR 1874' DF KB 1869'DRILLED WITH ~~CABLE~~ (ROTARY) ~~(WOM)~~ TOOLSAmount of surface pipe set and cemented 1013' DV Tool Used? NOKCC
KGS
(Office Use)

A F F I D A V I T

STATE OF Colorado, COUNTY OF Denver SS, I, DavidS. Cushman OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,DEPOSES THAT HE IS Staff Petroleum Engineer (FOR)(OF) SOLAR PETROLEUM, INC.OPERATOR OF THE Smith 'A' LEASE, AND IS DULY AUTHORIZED TO MAKETHIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 9 ONSAID LEASE HAS BEEN COMPLETED AS OF THE 13th DAY OF April, 1982, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAYS NOT.

SUBSCRIBED AND SWORN BEFORE ME THIS 3rd DAY OF August, 19 82.MY COMMISSION EXPIRES: December 19, 1983

NOTARY PUBLIC

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Top Soil	0	198	Topeka	2780 (-906)
Shale	198	491		
Shale	491	640	LKC	3084 (-1210)
Shale	640	965		
Shale	965	1011	Arbuckle	3381 (-1507)
Anhydrite	1011	1014		
Anhydrite	1014	1055		
Shale	1055	1055		
Shale	1055	1375	RAN OPEN HOLE LOGS:	
Shale	1375	1721		
Shale	1721	1925	Compensated Neutron	
Lime & Shale	1925	2033	Formation Density	
Shale & Lime	2033	2260	Dual Laterolog	
Shale & Lime	2260	2465		
Shale & Lime	2465	2710	Microlaterolog-Microlog	
Shale & Lime	2710	2913		
Shale & Lime	2913	3060		
Shale & Lime	3060	3165		
Lime	3165	3250		
Lime	3250	3336		
Lime	3336	3450		
R.T.D.	3450			
NO CORES				
NO DST'S				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	13-3/4"	10-3/4"	40#	1013'	50/50 POZ	500	2% gel, 3% CaCl ₂
Production	8-3/4"	7"	26#	3449'	FA-2 expanding	300	

LINER RECORD				PERFORATION RECORD			
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval		
			2	Jets	3373-3379'		
TUBING RECORD							
			2	Jets	3178-3183'		
			2	Jets	2812-2820'		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD									
Amount and kind of material used		Depth interval treated							
Acid w/ 1000 gals INS 15%		3373-79'							
Acid w/ 1000 gals 15% HCL		3178-83'							
Acid w/ 4000 gals 15% HCL		2812-20'							
Date of first production		4/22/82							
Producing method (flowing, pumping, gas lift, etc.)		Gravity 35.1							
OH		9		Gas		TSTM		Water 44 %	
Rate of production per 24 hours		bbls.		MCF		Perforations		bbls.	
Disposition of gas (vented, used on lease or sold)		Vented							
3373-79', 3178-83', 2812-20'		CFFB							

Solar Petroleum, Inc. **WELL LOG**

Sec. 14 **Twp.** 12 **Rng.** 16W

Location 1260' FNL
2310' FEL of NE/4

County Ellis

Elevation: 1874' **K. B.**

1871' **D. F.**

1869' **G. R.**

Production:

1014' - 8 5/8"	500 sacks cement
3449' - 7"	300 sacks cement

0'	198'	Top Soil
198'	491'	Shale
491'	640'	Shale
640'	965'	Shale
965'	1011'	Shale
1011'	1014'	Anhy.
1014'	1055'	Anhy.
1055'	1375'	Shale
1375'	1721'	Shale
1721'	1925'	Shale
1925'	2033'	Lime & Shale
2033'	2260'	Shale & Lime
2260'	2465'	Shale & Lime
2465'	2710'	Shale & Lime
2710'	2913'	Shale & Lime
2913'	3060'	Shale & Lime
3060'	3165'	Lime
3165'	3250'	Lime
3250'	3336'	Lime
3336'	3450'	Lime
3450'	T.D.	

)SS

COUNTY OF ELLIS)

I, Patty Dreiling, of Dreiling Oil, Inc., upon oath states that the above and foregoing is a true and correct copy from the Daily Drilling Report from the Smith #9-R.