

11-12-16W
ACO-1 WELL HISTORY
Compt. _____

AFFIDAVIT OF COMPLETION FORM

TYPE

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F 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.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

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

LICENSE #6879 EXPIRATION DATE _____

OPERATOR Solar Petroleum, Inc. API NO. 15-051-23,245

ADDRESS 999 Eighteenth St. - Suite 1300 COUNTY Ellis

Denver, Colorado 80202 FIELD Blue Hill

** CONTACT PERSON Mr. David S. Cushman PROD. FORMATION Arbuckle, LKC, Topeka
PHONE (303) 629-5850

PURCHASER Koch Oil Company LEASE Oswald "B"

ADDRESS P.O. Box 2256 WELL NO. #16

Wichita, KS 67201 WELL LOCATION NE 1/4 SE 1/4

DRILLING Rains & Williamson Oil Co., Inc. 2210 Ft. from South Line and

CONTRACTOR 2310 Ft. from East Line of (X)

ADDRESS 435 Page Court, 220 W. Douglas the SE 1/4 (Qtr.) SEC 11 TWP 12S RGE 16 (W).

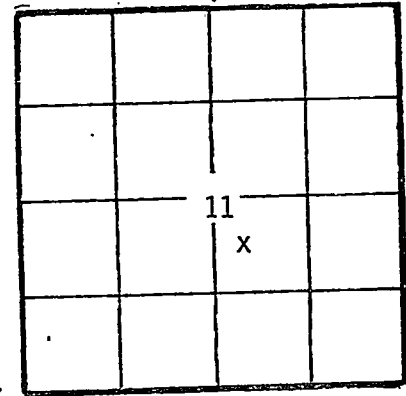
Wichita, Kansas 67202

PLUGGING
CONTRACTOR
ADDRESS

State Geological Survey
WICHITA BRANCH

WELL PLAT

(Office Use Only)



KCC
KGS ☒
SWD/REP
PLG.

TOTAL DEPTH 3425' PBD

SPUD DATE 11-20-82 DATE COMPLETED 11-29-82

ELEV: GR 1869 DF KB 1874

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 1039' DV Tool Used? NO

THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, Other

SEE ABOVE & PAGE 2, SIDE 2 ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gals 15% NE, 4000 gals 15% gell acid	2814-22'
2000 gals 15% MCA	3178-84'
1800 gals 15% NE	3368-77'

Date of first production 2/1/83 Producing method (flowing, pumping, gas lift, etc.) pumping Gravity 30.4°

Estimated Production -I.P. 28 Oil Gas TSTM MCF 92 % 317 bbls. Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) TSTM Perforations 2814-22', 3178-84', 3368-77'

SIDE TWO

ACO-1 WELL HISTORY (X)

OPERATOR Solar Petroleum, Inc. LEASE Oswald "B" #16 SEC. 11 TWP. 12S RGE. 16 (W)

WELL NO.

FILL IN WELL INFORMATION AS REQUIRED:

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
X Check if no Drill Stem Tests Run.				
Anhydrite	1042	2534	Topeka	2761 (-887)
Dover Lime	2534	2576	Lansing-	
Tarkio Lime	2576	2627	Kansas City	3082 (-1208)
Elmont Lime	2627	2698	Arbuckle	3354 (-1480)
Howard Lime	2698	2761		
Topeka Lime	2761	3034		
Heebner Shale	3034	3053	Ran Schlumberger Logs As Follows	
Toronto Lime	3053	3082		
Lansing-Kansas City	3082	3327	Moved Oil	
Base of Kansas City	3327	3354	Lithology	
Arbuckle Dolomite	3354	3425	Cyberlook	3414-1029'
Rotary Total Depth	3425		Compensated	
Log Total Depth	3429		Neutron	
			Lithodensity	
12/30/82 RU & perf Arbuckle fm fr 3372½-3373½' w/ 3			w/ GR	3426-1021'
spf. Perf Lower Topeka fr 2940-2941' w/ 3				
spf.			Variable Intensity	
12/31/82 Sqz perfs @ 3372½' w/ 75sx Common cmt, tried			Cement Bond	3402-2600'
to sqz perfs @ 2940' w/ 150sx, did not sqz.				
Pmpd into hole 200sx Common w/ gilsonite &			Electromagnetic	
LCM w/ 700# standing press.			Propagation	
1/4/83 Drl out cmt & circ to 3406' TD.			w/ GR	3414-1041'
1/5/83 Rn CBL, TOC @ 2924', btm of good cmt @ 3380'.				
1/6/83 Perf Arbuckle fr 3382-83' w/ 3 spf. Perf			Microlog w/GR	3415-1041'
Topeka fr 2880-81' w/ 3 spf. Set pkr @ 3330'.				
1/7/83 Press perfs @ 3382-83' to 3000psi, could not			Dual Laterolog	
pmp into perfs. Perf fr 3386-92' w/ 2 spf.			w/ GR	3414-1029'
Still could not pmp into perfs. RU & sptd				
250 gals 28% HCL on perfs. Pmp in @ 4 BPM &				
600psi. RU & sqz w/ 75 sx Common cmt @ 3000				
psi. Washed out tbq & SDFN.				
1/8/83 RU & sqz perfs @ 2880-81' w/ 200sx 5% gilsonite				
& 3% CaCl ₂ . Started circ but sfc pipe w/ 50sx still in tbq.				*SEE PAGE 2, SIDE 2*
If additional space is needed use Page 2, Side 2				

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	14 3/4"	10 3/4"	40½#	1039'	50/50 poz.	500 sx.	2% gel, 3% cc.
Production		7"	23#	3424'	ASC	225 sx.	20 bbls. A F flush

LINER RECORD

SEE ABOVE & PERFORATION RECORD PAGE 2, SIDE 2

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth Interval
			2 spf		2814-22'
TUBING RECORD			2 spf		3178-84'
Size	Setting depth	Packer set at			
			2 spf		3368-77'

OPERATOR Solar Petroleum, Inc. LEASE NAME Oswald "B" #16 SEC. 11 TWP. 12S RGE. 16

FILL IN WELL LOG AS REQUIRED:

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
1/8/83 Cont'd: Sqz @ 1500 psi max, TOH w/ tbg & pkr.				
1/10/83 TIH w/ tbg & bit, TOC @ 2800'. Drl out cmt @ 2886'. TIH w/ bit to 3325' (TOC). Drl to 3378'				
1/11/83 Fin drlg cmt to 3408', circ hole clean. TOH w/ tbg & bit. RU & rn CBL. Cmt on Arbuckle fm OK, no cmt in Topeka fm. Re-sqz Topeka. Perf fr 2794-2802' & 2817-25' w/ 2 spf.				
1/12/83 TIH w/ tbg & pkr. Set pkr btw perfs @ 2811'. RU & press to 2000psi. Pmpd into perfs @ 2817-25', came out of perfs @ 2794-2802'. Mix 50sx 60/40 POZ & pmp dwn tbg & out perfs. Pulled 10 jts tbg & re-set pkr. Sqz perfs w/ 1900# standing press. TOH w/ tbg & pkr.				
1/13/83 TIH w/ tbg & bit. TOC @ 2610'. Drl cmt to 2750'				
1/14/83 Started dlrg cmt @ 2750', drl to 2830'. TIH w/ tbg & bit to 3409'TD. Circ hole clean.				
1/15/83 TOH w/ tbg & bit. RU & rn CBL fr 2900-2400', showed good cmt fr 2760-2848'. RU & perf Arbuckle fr 3368-77' w/ 2 spf.				
1/17/83 Acd Arbuckle (3368-77') w/ 1800 gals 15% NE acd. 38 bbls tot load, swb back tot 58 BF ±20% oil.				
1/19/83 Reset BP @ 3234', RU & perf LKC 'G' fr 3178-84' w/ 2 spf. TIH w/ tbg & pkr. Set pkr @ 3154'.				
1/20/83 RU & acd LKC 'G' w/ 2000 gals 15% MCA. Min press 0, max 800psi @ 4 BPM. ISIP on vac. 61 bbls tot load, swb back 33 BF avg 13-25% oil.				
1/22/83 TOH w/ tbg & pkr. RU & perf Topeka fr 2814-22' w/ 2 spf. TIH w/ tbg & pkr, reset BP.				
1/24/83 RU & acd Topeka w/ 500 gals 15% NE. Min press on vac, max 500 psi @ 5½ BPM. ISIP on vac. 25 bbls tot load, swb back tot of 16½ BF avg 40-87% oil				
1/25/83 RU & acd Topeka w/ 4000 gals 15% gelled acd. Min press vac, max 1400psi. ISIP on vac. 111 bbls tot load, swb tot of 27.5 BF, avg 50% oil.				
1/26/83 RU to rn 2½" tbg & pmp.				
2/1/83 FIRST DAY OF PRODUCTION.				
2/23/83 TSTD f/ 24 hrs: 12 spm, 74" SL, 345 BTF, 27.60 BO, 317.40 BW.				

DRILLER'S LOG

11-12-16W

COMPANY: Solar Petroleum, Inc.

SEC. 11 T. 12S R. 16W

WELL NAME: Oswald "B" #16

LOC. 2210' FSL & 2310' FEL

RIG NO. #4

COUNTY: Ellis

TOTAL DEPTH 3425'

ELEVATION

COMMENCED: 11-20-82

COMPLETED: 11-29-82

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 10 3/4" @ 1039' w/500 sx. 50/50 poz., 2% gel, 3% cc.

PRODUCTION: 7" @ 3424' w/225 sx. ASC, 20 bbls. A F flush.

LOG

(Figures Indicate Bottom of Formations)

Clay	135
Shale--	370
Sand	490
Shale	1908
Lime & Shale	2200
Shale & Lime	2420
Lime & Shale	2845
Lime	2925
Lime & Shale	3020
Lime	3200
Lime & Shale	3278
Lime	3425
ROTARY TOTAL DEPTH	3425

STATE OF Kansas)

COUNTY OF Sedgwick)

SS:

I, Wilson Rains, President

of Rains & Williamson Oil Co., Inc.