

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 # 5005  
name Sunburst Exploration Company, Inc.  
address 112 Corporate Place, 125 N. Emporia  
Wichita, Kansas 67202  
City/State/Zip

PURCHASER: KOCH - EW/KCC  
Operator Contact Person Ronald L. Irion  
Phone (316) 262-3041

Contractor: license # 5651  
name Mallard Drilling

Wellsite Geologist Beth Fuhr  
Phone (316) 263-2243

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  
4-25-84 5-1-84 7-5-84  
Spud Date Date Reached TD Completion Date  
4110 4067  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 309 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- 179-20,742-0000  
County Sheridan  
185' S of NW NW SW  
(location) KCC RT  
Sec 12 Twp 9 S Rge 28  
4825 Ft North from Southeast Corner of Section  
4925 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

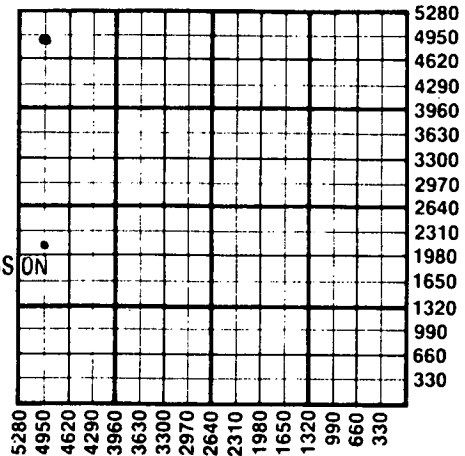
Lease Name Lindenman Well# 2

Field Name Solomon Fork

Producing Formation Lansing-Kansas City

Elevation: Ground 2705 KB 2713

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
7-17-84  
JUL 17 1984  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and (Well) Ft West From Southeast Corner of Sec Twp Rge East West  
 Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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. Rules 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.

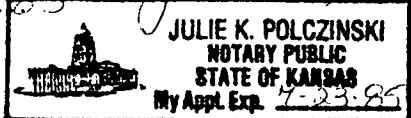
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature M. L. Korphage  
Title Geologist Date 7-16-84

Subscribed and sworn to before me this 16th day of July 19 84

Notary Public Julie K. Polczinski  
Date Commission Expires July 23, 1985



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

Sec. 12 Twp. 9 Rge. 28W

**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  
 Cased hole log

Name	Top	Bottom
Anhydrite	2332	(+ 381)
B/Anhdrite	2365	(+ 348)
Heebner	3802	(-1089)
Lansing	3841	(-1128)
B/Kansas City	4075	(-1362)*
RTD	4110	(-1397)*

\*sample tops

DST No. 1 3796-3898  
 Misrun, anchor plugged

DST No. 2 3981-4075  
 20" 30" 10" 20"  
 Rec. 190' Muddy water  
 IFP 101-111# FFP 111-111#  
 ISIP 121# FSIP -

DST No. 3 3798-3920 (straddle)  
 20" 45" 40" 60"  
 Rec. 120' OCW (5% oil)  
 120' Oil spkd wtr  
 580' Wtr  
 IFP 70-192# FFP 263-334#  
 ISIP 1101# FSIP 1111#

CASING RECORD <input type="checkbox"/> new <input type="checkbox"/> 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"	20#	309	Common	200 Sx	3% c.c., 2% gels
Production	7 7/8"	4 1/2"	10.5#	4109	Common	70 Sx & 49 Sx Bcc	
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
shots per foot	specify footage of each interval perforated			amount and kind of material used			Depth
4	4035-4038			4/2000 gal. 15% MCA w/24 bbls			4038 to
8	4013-4016			KCL wtr + 46 bbls wtr., treated w/1000 gal. 15% MCA w/ Servisol additive w/1000 gal. 3% KCL wtr.			4013
<b>TUBING RECORD</b> size <u>2 3/8"</u> set at <u>3975</u> packer at _____				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production <u>7-5-84</u>	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) _____						
Estimated Production Per 24 Hours	Oil <u>15</u> Bbls	Gas <u>MCF</u>	Water <u>85</u> Bbls	Gas-Oil Ratio <u>CFPB</u>	Gravity		

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  other (specify) \_\_\_\_\_

**PRODUCTION INTERVAL**  
 LKC 4013-4038 OA

Dually Completed.  
 Commingled