

KANSAS DRILLERS LOG

API No. 15 — 163 — 20,780
County Number

Operator

Southern States Oil Company

Address

P. O. Box 1365 Great Bend, Kansas 67530

Well No.

12

Lease Name

Sutor

Footage Location

660 feet from (N) line 1320 feet from (E) line

Principal Contractor

Duke Drilling Co.

Geologist

Steve Powell

Spud Date

3-30-78

Total Depth

3795

P.B.T.D.

Date Completed

4-7-78

Oil Purchaser

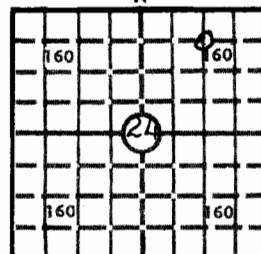
S. 24 T. 10 R. 20 W

Loc. C N/2 NE/4

County Rooks

640 Acres

N



Locate well correctly

Elev.: Gr. 2200

DF KB 2205

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

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	12 $\frac{1}{4}$	8-5/8	28	209	Common	135	2% Gel 3% CC

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
Dry Hole					
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	bbls.	MCF	bbls.		
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Southern States Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole
Well No. # 12	Lease Name Sutor	
S 24 T 10 R 20 W		

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
Sand & Shale	0	160		
Shale	160	209		
Shale & Red Bed	209	930		
Shale & Sand Streaks	930	1095		
Sand	1095	1300		
Red Bed	1300	1605		
Anhydrite	1605	1649		
Shale	1649	1665		
Shale & Lime	1665	3407		
Shale	3407	3411		
Shale & Lime	3411	3430		
Lime & Shale	3430	3446		
Lime	3446	3670		
Lime, Shale	3670	3749		
Dolomite	3749	3795		
TOTAL DEPTH 3795' (ROTARY)				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	 Signature R. D. Standlee General Supt. Title 4-25-78 Date
---------------	---

02952