

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 # 9131  
Name Jack Sanders & Son  
Address R.R. # 2 Box 189-C  
City/State/Zip Wellsville, Kans. 66092

Operator Contact Person Jack W. Sanders  
Phone 913-883-2384

Contractor: License # 5820  
Name Milton Kent Drilling Co.

Wellsite Geologist  
Phone

PURCHASER Square Deal Oil Co., Inc.  
Chanute, Kansas

Designate Type of Completion

- New Well  Re-Entry  Workover
- Oil  SWD  Temp Abd
- Gas  Inj  Delayed Comp.
- Dry  Other (Core, Water Supply etc)

If OWNO: old well info as follows:

Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

9/19/84 9/21/84 10/8/84  
Mud Date Date Reached TD Completion Date  
780' None  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 20 feet

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet

If alternate 2 completion, cement circulated from 0 feet depth to 20 w/ 5 SX cmt

API NO. 15-059-23,838

County Franklin

SE NW NE 31 15 21 East West

1226 1607 4105 FSL 15 91 FEL - KCC  
Ft North from Southeast Corner of Section  
Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

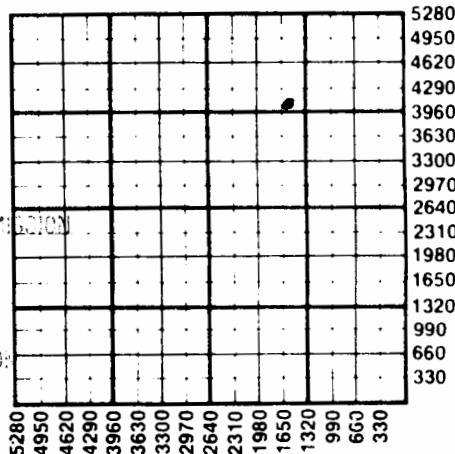
Lease Name Sanders Well # 4

Field Name

Producing Formation Squirrel

Elevation: Ground 1050 KB

Section Plat



DEC 14 1984

Wichita, Kansas

WATER SUPPLY INFORMATION

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

Surface Water Ft North from Southeast Corner (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. Rule 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 Jack W. Sanders

Title Partner Date 12/6/84

Subscribed and sworn to before me this 6th day of December 1984

Notary Public Janice E. Caruthers  
State Commission Expires November 15, 1987



State Geological Survey  
WICHITA BRANCH

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

SIDE TWO

Operator Name Jack Sanders & Son Lease Name Sanders Well # 4 SEC. 31 TWP. 15 RGE. 21  East  West

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

Name	Top	Bottom
Soil & Shale	0	34
Lime	34	58
Shale	58	68
Lime	68	99
Shale	99	138
Lime	138	162
Shale	162	242
Lime	242	284
Shale	284	343
Lime	343	366
Shale	366	378
Lime	378	399
Shale	399	404
Lime	404	417
Shale	417	602
Lime	602	605
Shale	605	641
Lime	641	644
Shale	644	663
Lime	663	667
Shale & Shells	667	701
Gas Sand	701	708
Oil Sand	708	728
Shale	728	780T.D.

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		6 1/4		20	Bulk	5	None
Production	5/5/8	2 7/8	6.4	769	Port. A	116	4 sx Port A Prem Gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	705.5		
1	707.0	Nitrified 70 bbis	705 to 716
8	708.5 to 712	60 sx sand	716
1	714.5		
1	716.0		

TUBING RECORD	Size	Set At	Packer at	Liner Run
	None		None	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method
10/8/84	<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	Gas	Water	Gas-Oil Ratio	Gravity
	1 Bbls	MCF	16 Bbls	CFPB	24

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled