

KANSAS

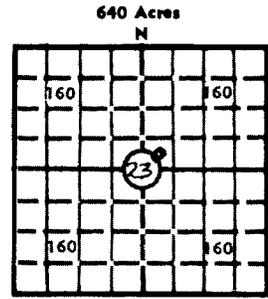
State Geological Survey

WELL COMPLETION REPORT AND DRILLER'S LOG

WICHITA BRANCH

API No. 15 - 007 - 21,103
County Number

S. 23 T. 33 R. 14W E
Loc. SW SW NE
County Barber



Elev.: Gr. 1908
DF 1913 KB 1916

Operator: Kansas Oil Corporation
Address: 250 N. Rock Road, Suite 300, Wichita, KS 67208
Well No. #1 Lease Name: Baier
Footage Location: 2310 feet from (N) line 2310 feet from (E) line
Principal Contractor: Spartan Drilling Geologist: Bob Laymon
Spud Date: 2/18/81 Date Completed: 6-25-81 Total Depth: 4950' P.B.T.D.
Directional Deviation: None Oil and/or Gas Purchaser: Kansas Gas Supply

CASING RECORD

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

Table with 8 columns: Purpose of string, Size hole drilled, Size casing set (in O.D.), Weight lbs/ft., Setting depth, Type cement, Sacks, Type and percent additives. Rows include Surface and Production data.

LINER RECORD

PERFORATION RECORD

Table with 6 columns: Top, ft., Bottom, ft., Sacks cement, Shots per ft., Size & type, Depth interval. Includes Tubing Record data.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Table with 2 columns: Amount and kind of material used, Depth interval treated. Includes details on Swb. Acid and frac materials.

INITIAL PRODUCTION

Date of first production: SIGW
Producing method: (flowing, pumping, gas lift, etc.)
Rate of production per 24 hours: Oil, Gas, Water, Gas-oil ratio
Disposition of gas: (vented, used on lease or sold)
Producing interval(s): 4897-4900, 4874-80, 4854-60

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.

Operator Kansas Oil Corporation DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. #1 Lease Name Baier Gas

S 23 T 33 R 14 W E 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
Heebner	4104			
Douglas Sand	4160			
Brown Lime	4297			
Lansing	4306			
Hertha	4736			
Marmaton	4776			
Cherokee	4830			
Mississippi	4851			
<p>DST#1, 4853-4900, 30-60-45-90, GTS 17", GA 46MCFG 1st open, GA 46 MCFG 2nd open. Rec 120' GCM, NW, IHP 2493 psi., IFP 52-52 psi., ISIP 267psi., FFP 52-81 psi., FSIP 267 psi., FHP 2493 psi.</p> <p>DST#2, 4903-4950, 30-60-30-60, Rec. 30' SGCM w/specks of free oil, IHP 2510 psi., IFP 53-53 psi., ISIP 236 psi., FFP 53-53 psi., FSIP 268 psi., FHP 2510 psi., and BHT 119°F.</p>				

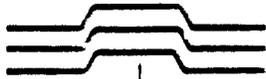
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<div style="text-align: center;">  <hr/> Signature <hr/> Michael R. Bryan <hr/> Title <hr/> 8-27-81 <hr/> Date </div>
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SPARTAN

DRILLING CORPORATION



SW-SW-NE

State Geologist
WICHITA BRANCH

March 9, 1981

DRILLERS LOG

RE: Baier #1
SW/SW/NE
Sec. 23 T33-R14W
Barber County, KS

OPERATOR: Kansas Oil Corporation

CONTRACTOR: Spartan Drilling Corporation

COMMENCED: 2-18-81

COMPLETED: 3-8-81

Surface pipe 1203' 12 1/4" w/300 2% cc 3% Gel

0	1230	Sand & Shale
1230	2350	Shale
2350	3533	Shale & Lime
3533	3713	Lime & Shale
3713	3965	Shale - Lime
3965	4523	Lime & Shale
4523	4720	Shale & Lime
4720	4823	Lime - Shale
4823	4950	Lime & Shale

We certify that the above and foregoing is a true and correct copy of the log on the Baier #1 in Barber County, Kansas.

SPARTAN DRILLING CORPORATION

Floyd C. Wilson
Floyd C. Wilson
President

Subscribed and sworn to before me this 9th day of March, 1981.



Jane Stansbury