

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

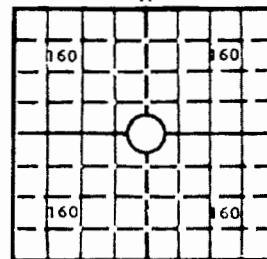
API No. 15 — 165 — 20,916
County Number

S. 30 T. 19 R. 19 W

Loc. SW/4

County Rush

640 Acres N



Locate well correctly

Elev.: Gr. 2244

DF KB

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 Disposal.

LINER RECORD

PERFORATION RECORD

Tables for LINER RECORD and PERFORATION RECORD. LINER RECORD has columns: Top, ft., Bottom, ft., Sacks cement. PERFORATION RECORD has columns: Shots per ft., Size & type gun bullets, Depth interval.

TUBING RECORD

Table with 4 columns: Size, Setting depth, Packer set at.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Table with 2 columns: Amount and kind of material used, Depth interval treated.

INITIAL PRODUCTION

Table with 4 columns: Date of first production, Producing method, RATE OF PRODUCTION PER 24 HOURS (Oil, Gas, Water), Gas-oil ratio, Disposition of gas, 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 trans-

Operator White Hawk Oil Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 5 SWDW Lease Name Seltman

S 30 T 19 R 19<sup>EX</sup><sub>W</sub>

**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
Copy of Driller's Log attached.				

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

Date Received	<p><i>Richard K. Brock</i> Signature</p> <p>Administrative Manager Title</p> <p>October 5, 1981 Date</p>
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DRILLER'S LOG

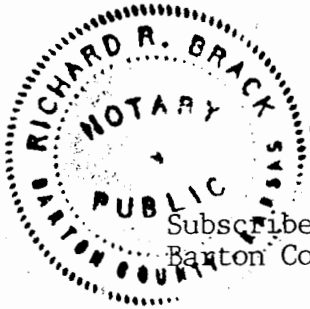
Company White Hawk Oil Company  
 Contractor Rosencrantz-Bemis Drilling Co.  
 Lease and Well Seltman No. 5 SWDW  
 Location 177' FSL & 1702' FWL  
 Sec. 30-T19S-R19W  
 Rush County, Kansas  
 Commenced September 18, 1981  
 Completed September 30, 1981  
 Elevation 2244 ground

0 to	39	Surface soil and clay
39 to	89	Sand, shale and shells
89 to	104	Sand
104 to	219	Sand, shale and shells
219 to	370	Blue shale and shells
370 to	404	Shale
404 to	559	Sand, shale and shells
559 to	739	Red bed and shells
739 to	954	Sand
954 to	1100	Red bed, shale and shells
	1100	Total Depth

Set 8-5/8" 28# surface at 393 feet w/225 sacks portland cement 2% gel  
 3% calcium chloride

Set 4-1/2" 9.5# casing at 1083 feet w/300 sacks 50-50 pozmix 10% salt,  
 5 lbs. Gilsonite and .75 of 1% CFR2

I, Rebecca A. Dunlap, do hereby certify that the above and foregoing is  
 a true and correct copy of log of the Seltman No. 5 SWDW as reflected by  
 the records of White Hawk Oil Company.



Rebecca A. Dunlap  
 Rebecca A. Dunlap

Subscribed and sworn to before me, a Notary Public, within and for  
 Barton County, Kansas, this 5th day of October, 1981.

My commission expires August 6, 1983.

Richard R. Brack  
 Richard R. Brack, Notary Public