



KANSAS DRILLERS LOG

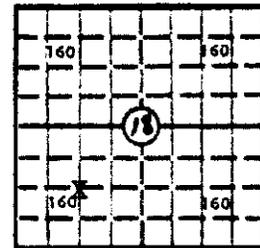
S. 18 T. 21 R. 19 E

API No. 15 — 145 — 20727
County Number

Loc. C SW

County Pawnee

640 Acres
N



Locate well correctly

Elev.: Gr. 2099

DF _____ KB _____

Operator
Benson Mineral Group, Inc.

Address
1726 Champa Street, #600, Denver, CO 80202

Well No. #1-18 Lease Name Forbes

Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor Salazar Drilling Geologist _____

Spud Date 11-10-80 Total Depth 2380 P.B.T.D. _____

Date Completed 11-16-80 Oil Purchaser _____

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		7"		960'		300	60-40 poz, 2% gel, 3% CaCl ₂
Production		4½"		2380'		100	80% common, 20% poz, 6% gel, 10% salt followed by 80 sx 50-50 poz 2% gel, 10% salt.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			1		2203-2340

TUBING RECORD

Size	Setting depth	Pecker set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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
	bbis.	MCF	bbis.	CFPB

Disposition of gas (vented, used on lease or sold) To be sold Producing interval (s) 2203-2340

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Benson Mineral Group, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

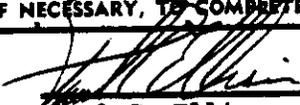
Well No. 1-18 Lesse Name Forbes Gas

S 18 T 21 R 16 E W

WELL LOG
 Show all important zones of porosity and contents thereof; corod 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
Top of Krider Limestone and gas and water	2204			
Top of Winfield Limestone and gas and water	2260			
Top of Towanda Limestone and gas and water	2328			

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

Date Received	
	Paul C. Ellison Signature
	Vice President Title
	December 16, 1980 Date

313529