

KSAS DRILLERS LOG

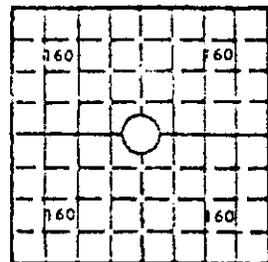
PI

S. 14 T. 21 R. 19 ^EW

Loc. C SE

County Pawnee

640 Acres N



Elev. Gr. 2092

DF _____ KB _____

API No. 15 — 145 — 20,699
County Number

State Geological Survey
WICHITA, BRANCH

Operator
Benson Mineral Group, Inc.

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

Well No. 1-14 Lease Name Coleman

Footage Location
1750 feet from ~~XX~~ (S) line 1410 feet from (E) ~~XX~~ line

Principal Contractor Sterling Drilling Company Geologist Jim Jameson

Spud Date 8-18-80 Total Depth 2590' P.B.T.D. 2489'

Date Completed 10-24-80 Oil Purchaser

CASING RECORD

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

Purpose of string	Size hole drilled	Size casing set (in O.O.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		7"		970'		300	50-50 POZ, 2% gel, 3% CaCl.
Production		4 1/2"		2497'		200	50-50 POZ, 6% gel, 10% NaCl x
							50 sx 50-50 POZ, 2% gel, 10% NaCl.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			2		2225-2240
TUBING RECORD					2245-2254
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Pmp 80 quality Nitrogen foam frac consisting of 7000 gal foam	2225-2240
pad. 8000 gal at 1 ppg. 8000 gal at 1.5 ppg. 7000 gal at 2 ppg. Displace to perms with Nitrogen	2245-2254

INITIAL PRODUCTION

Date of first production SIGW Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCFD	Water MCF	Gas-oil ratio	CFPB
		1765 MCFD			

Disposition of gas (vented, used on lease or sold) To be sold Producing interval(s) 2225-40, 2245-54

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 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

Operator

Benson Mineral Group, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

1-14

Lease Name

Coleman

Gas

S 14 T 21 R 19 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
Shale and Sand	0	402		
Shale	402	640		
Sand and Shale	640	977		
Shale	977	1860		
Lime and Shale	1860	2162		
Core #1	2162	2187		
Lime and Shale	2187	2227		
Core #2	2227	2243		
Lime and Shale	2243	2294		
Core #3	2294	2312		
Lime and Shale	2312	2522		
Lime	2522	2588		

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

Date Received

Paul C. Ellison

Signature

Vice President

Title

December 24, 1980

Date

719818