

KANSAS DRILLERS LOG

S. 11 T. 26S R. 19W ^E/_W

API No. 15 — 047 — 20308
County Number

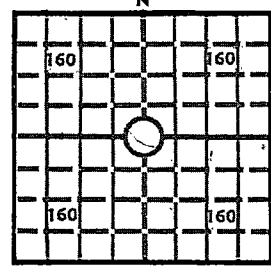
Loc. Center SE NW

County Edwards

Operator
Benson Mineral Group, Inc.

640 Acres
N

Address
1400 Metrobank Building, Denver, Colorado 80202



Well No. 1 Lease Name Hatfield

Elev.: Gr. 2220

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

DF _____ KB 2230

Principal Contractor B & N Drilling Geologist Jack Bermon

Spud Date 1/6/78 Total Depth 4784 P.B.T.D. 4755

Date Completed 1/20/78 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	1-2 1/4"	8-5/8"	23	339 KB	Common	250	3% CC 2% Gel
Production	7-7/8"	5 1/2"	13	4782'	Light 60-40	200 200	

Inclosures: Compensated Density Log, Radiation Guard Log, Gamma Ray Log

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	20 gram	4704-24'

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 Gallons mud acid	same as perforated

INITIAL PRODUCTION

Date of first production 2/6/78 Producing method (flowing, pumping, gas lift, etc.) _____

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	356 MCF	none bbls.	CFPB

Disposition of gas (vented, used on lease or sold) Sold Producing interval(s) same as perforated

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 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

Lease Name

Hatfield

Gas

S 11 T 26 S R 19 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
sand	0	300		
red bed	300	350		
sand/shale	350	750		
shale	750	1050		
sand/shale	1050	2300		
Anhydrite	2300	2500		
sand & shale	2500	3350		
shale	3350	3400		
sand/shale	3400	3575		
shale	3575	3600		
sand/shale	3600	3900		
sand/lime	3900	4100		
shale	4100	4150		
sand/lime	4150	4300		
lime & shale	4300	4500		
sand/shale	4500	4700		
lime/sand	4700	4784		

DST #1: (4695-4720') GTS 23 min; IF on 1/4" ch was 18.4 Mcf, 30 min; FF 10 min - 47 Mcf; 20 min, 50.2 Mcf; 30 min, 54.7 Mcf - stable. IH 2530, IF 92-52-30 min, ISI 1527-60 min. FF 52-52-60 min, FSI 1527-120 min, FH 2517, Rec 75' SGM.

DST #2: (Straddle test 4308-16' & 4336-40' together) Test failed.

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

Date Received

Courtney E Cook
Signature

Production Manager
Title

3/21/78
Date

Date