

State Geological Survey

KANSAS DRILLERS LOG

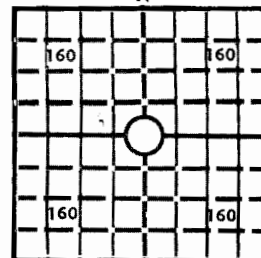
released 1-79
CONFIDENTIAL

15-127-20205

S. 30 T. 17 R. 7 E W

Loc. C NE SE

County Morris

640 Acres
N

Elev.: Gr.

DF KB

API No. 15 — 127 — 20,205
County Number

Operator

Benson Mineral Group, Inc.

Address

1400 Metro Bank Bldg., 475 17th St., Denver, CO 80202

Well No.

4-30

Lease Name

Veal

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

B & N Drilling Co.

Geologist

Charlie Sturdavant

Spud Date

7/13/77

Total Depth

655'

P.B.T.D.

Date Completed

7/14/77

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	8 7/8"	7"		20'			
Production	5 1/4"	2 7/8"		648'	Common	45	

Radioactivity (Gamma, Neutron, Perforate) log forwarded herewith.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	12 gram	568-74'
			1	12 gram	577-84'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
200 gal acid	Same as perforated
2500# sd, 82 bbls wtr	"

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
12/1/77	Flowing				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	49 MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Waiting on pipeline.					

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. 4-30	Lease Name Veal	Gas
S 30 T 17 R 7 E		

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
soil	0	5		
lime	5	35		
shale	35	43		
lime	43	48		
lime/shale	48	160		
shale	160	166		
lime/shale	166	250		
lime	250	270		
lime/shale	270	387		
lime	387	390		
shale	390	415		
lime/shale	415	432		
shale	432	453		
lime	453	456		
shale	456	519		
sandy shale	519	527		
shale	527	567		
lime	567	569		
shale	569	577		
lime	577	585		
shale	585	616		
lime	616	621		
shale	621	628		
lime	628	633		
shale	633	642		
lime	642	647		
shale	647	655		

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

Date Received	<i>Courtney E Cook</i> Signature Production Manager Title December 12, 1977 Date
---------------	-------------------------------------------------------------------------------------------------