

KANSAS WICHITA BRANCH
DRILLERS LOG

S. 32 T. 13S R. 8E E WX

API No. 15 — 061 — 20012
County Number

Loc. NE NE NW

County Geary

Operator
Benson Mineral Group, Inc.

Address
1400 Metro Bank Building, Denver, Colorado 80202

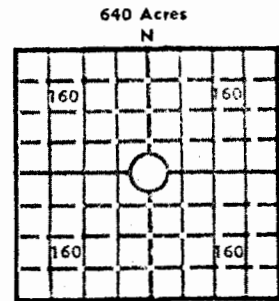
Well No. Lease Name
1-32 Crowell

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

Principal Contractor Geologist
B & N Drilling Co. Charlie Sturdavant

Spud Date Total Depth P.B.T.D.
12/1/77 2160

Date Completed Oil Purchaser
12/4/77



Elev.: Gr. _____

DF _____ KB _____

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	Socks	Type and percent additives
Surface	8-3/4"	7"		102'			
Production	6 1/4"						
PLUGGED AND ABANDON 12/5/77							

Induction-Electric Log and Compensated Density Log forwarded herewith.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production NONE		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			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 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.

32-135-8E

32-13-86

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

Operator

Benson Mineral Group, Inc.

Well No.

1-32

Lease Name

Crowell

P & A

S 32 T13S R8E E
XX

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	2		
clay	2	12		
shale	12	39		
lime	39	43		
shale	43	80		
lime	80	83		
shale	83	101		
lime	101	116		
sand	116	122		
shale	122	143		
lime	143	149		
sandy shale	149	153		
lime	153	161		
sand/shale	161	181		
lime	181	189		
shale	189	212		
lime	212	230		
shale	230	245		
lime	245	253		
sandy shale	253	257		
lime	257	312		
shale	312	325		
shale/lime	325	334		
lime	334	354		
shale	354	363		
lime & shale	363	372		
shale	372	376		
lime	376	378		
shale	378	396		
lime	396	413		
shale & lime	413	448		
shale	448	460		
lime	460	461		
shale	461	484		
lime	484	485		
shale	485	525		
lime/shale	525	527		
lime	527	535		
shale	535	653		
lime & shale	653	655		

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

Date Received

Courtney E Cook

Signature

Production Manager

Title

12/19/77

Date

32-135-8E

shale	655	974
lime	974	979
shale	979	1081
lime	1081	1106
sandy shale	1106	1174
sandy lime	1174	1238
lime	1238	1278
shale	1278	1309
lime	1309	1327
shale	1327	1336
lime	1336	1365
shale	1365	1430
lime	1430	1467
shale	1467	1546
lime, broken	1546	1760
shale	1760	2160