

State Geological Survey  
WICHITA, BRANCH  
KANSAS DRILLERS LOG

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

API No. 15 — 033 — 20,143  
County Number

Operator

National Oil Co.

Address Suite 550, 200 W. Douglas Wichita, Kansas 67202

Well No.

#2

Lease Name

Schuette

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

B & B Drilling, Inc.

Geologist

Walter Martz

Spud Date

2-28-74

Total Depth

4891'

P.B.T.D.

Date Completed

3-13-74

Oil Purchaser

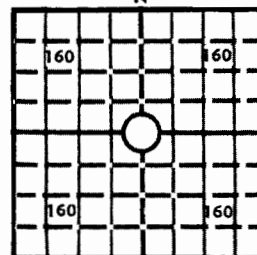
S. 36 T. 31 R. 16 W

Loc. C NW

County Comanche

640 Acres

N



Locate well correctly

Elev.: Gr. 2014

DF 2016 KB 2019

**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
		8-5/8"	10 jts	373'	common	300	3% cc; 2% gel
		4 1/2"	10.5#	4890'	50-50 posmiz	125	2% gel.; 18% salt; 12% gil.

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	1 Hole per ft. every 2'	Size & type	Depth interval
					4856-4884
<b>TUBING RECORD</b>					
Size	Setting depth	Packer set at			
1 1/2"	4840	none			

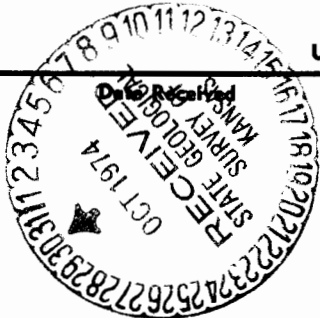
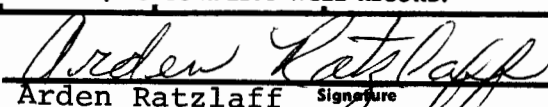
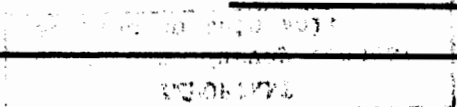
**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Howco 1000 MCA	4856-4884

**INITIAL PRODUCTION**

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS		Oil	Gas	Water	Gas-oil ratio
			CAOF		
		bbls.	18,869 MCFD MCF	3 BWPD	bbls. 1050000/1 CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
			Mississippi		

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 <b>National Oil Company</b>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #2	Lease Name Schuette	Gas	
s 36 T 31 S R 16 E C NW/4			
<b>WELL LOG</b>		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, in- cluding depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME      DEPTH
D.S.T.#1, 3619-3657, 30-45-90-60, Init. open, strg blow immed. GTS/18", 2760 CFG/30"; 20 open, 2760 CFG/20"; 3390/25"; 4420/35"; 4840/40"; 5260/45"; 5640/50"; stablized. Rec. 130' GCM; IFP 19; FFP 79; ISIP 780; FSIP 760; Both pres. still building; took gas sample, will burn.			<u>Log Tops</u> B/Florence 2677 - 658 Cottonwood 2922 - 903 Wabaunsee 3243 -1224 Howard 3612 -1593 Heebner 4119 -2100 Ireland Sd 4196 -2177 Tonganoxie Sd absent
D.S.T.#2, 4670-4805, misrun, packer failure.			Lansing 4296 -2277
D.S.T.#2, 4760-4808, 45-60-45-90, Fr blow for 25" increasing to strg blow; Rec. 2520' GIP, 130' SO & GCM; IFP 63; FFP 105; ISIP 1657; FSIP 1626.			B/KC 4688 -2669 Miss 4854 -2835 LTD 2889 -2870
D.S.T.#3, 4841-4800, 30-60-30-60, GTS in 6"; In 10" gauged 248,000; in 20" gauged 258,000; in 30" gauged 229,000; 2nd period stablized @ 229,000 in 10"; Rec. 90' gsy mud; IFP 126-126; FFP 105-99; ISIP 1668; FSIP 1657; Temp 126°.			
D.S.T.#4, 4854-4891; 30-60-40-60; GTS in 6"; In 10" gauged 229,000; in 20" gauged 305,000; in 30" gauged 339,000; 2nd open period, in 10" gauged 342,000; in 20" gauged 360,000 & stablized. Rec. 90' gsy mud; IFP 126-137; FFP 158-168; ISIP 1720; FSIP 1720; Temp 125°.			
D.S.T.#5, 4861-4875, 30-60-40-60, GTS in 40"; In 10" gauged 8,190 CFG; in 20" gauged 7470 CFG & stablized. Rec. 30' gsy mud; IFP 20-9; FFP 20-9; ISIP 1705; FSIP 1696; Temp 125°. Will set casing 1' off bottom.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
		 Arden Ratzlaff      Signature Exploration Manager Title	
		Date	
			

March 15, 1974

DRILLERS LOG

State Geological Survey  
WICHITA, BRANCH

36-31-16W

A PI# 15-033-20, 143  
#2 Scheulte (Scheutte?)  
Approx. C NW/4  
Sec. 36-31S-16W  
Comanche County, Kansas

OPERATOR: National Oil Company  
CONTRACTOR: B & B Drilling, Inc.  
COMMENCED: February 28, 1974  
COMPLETED: March 13, 1974

8 5/8" @ 373' w/300 sx

0	70	Surface Clay
70	135	Shale
135	152	Sand
152	228	Shale
228	252	Blain Anhy
252	382	Shale
382	1550	Red Bed & Shale
1550	2060	Shale & Shells
2060	2425	Shale & Lime
2425	4435	Lime & Shale
4435	4872	Lime
4872	4891	Lime & Chert
4891		RTD

RECEIVED  
STATE CORPORATION COMMISSION

MAR 19 1974

CONSERVATION DIVISION  
Wichita, Kansas



4 1/2" @ 4890' w/125 sx

We certify that the above and foregoing is a true and correct copy of the log on the #2 Scheulte located in Comanche County, Kansas.

B & B DRILLING, INC.

Bill Lahar  
Bill Lahar

Subscribed and sworn to before me this 15th day of March, 1974.

Betty M. Maloney  
Betty M. Maloney Notary Public

My Commission Expires:

January 29, 1977