

State Geological Survey

WICHITA, BRANCH

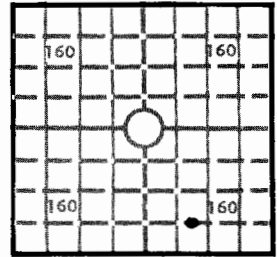
KANSAS DRILLERS LOG

S. 32 T. 13 R. 20 ^{EX}_W

Loc. S¹/₂ S¹/₂ SE

County Ellis

640 Acres
N



Locate well correctly

Elev.: Gr. 2266

DF 2268 KB 2271 L

API No. 15 — 051 — 20,803
County Number

Operator
Century Oil Co.

Address
925 O.W. Garvey Bldg., Wichita, Kans 67202

Well No. #1 Lease Name Boo's

Footage Location
315 feet from (S) line 1505 feet from (E) line

Principal Contractor Gabbett-Jones, Wichita Geologist Howard Schwerdtfeger

Spud Date Dec. 28, 1971 Total Depth 3908 P.B.T.D.

Date Completed Jan. 28, 1972 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	12 1/4	8 5/8	20 #	291	2 1/2 gal Common	175	3% CaCl
Production	7 7/8	5 1/2	14.5 #	3907	1st stage 50-50 Poz mix	150	2 1/2 gal. Salt Sat.
					2nd stage DVC 1586 50-50 Poz mix	400	6 1/2 gal.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			none - open hole completion.		

TUBING RECORD

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		Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>			
RATE OF PRODUCTION PER 24 HOURS	Oil <u>104</u> bbls.	Gas	Water <u>None</u> MCF	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s) <u>Open hole 3907-08</u>		

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 <i>Century Oil Co.</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. <i>1</i>	Lease Name <i>Boos</i>	<i>Oil well</i>
<i>S 32 T 13 R 20 W</i>		

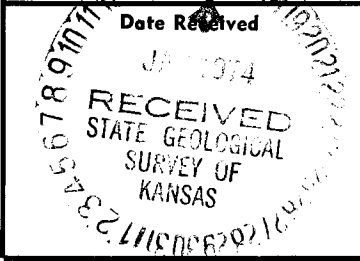
WELL LOG

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
<u>Dst's</u> DST #1 3283-3325 (30-30-60-45) IFP 60 # FFP # 300 # ISIP 1135 # FSIP 1135 # Rec. 550' salt water.			Topeka	
DST #2 3534-3572 (30-30-60-45) IFP 39 # FFP 71 ISIP 300 # FSIP 300 # Rec. 300' Gas In Pipe 1/160' HO 3/6 C mud.			Toronto-Lans.	
DST #3 3572-3605 (30-30-60-45) IFP 39 # FFP 94 # ISIP 331 # FSIP 331 # Rec. 480' GIP, 30' 0 3/4 GCMud, 1/120' VH 0 3/4 GCMud			LANS	
DST #4 3605-3635 (30-30-60-30) IFP 28 # FFP 28 # ISIP 43 # FSIP 43 # Rec. 25' thin mud.			LANS.	
DST #5 3634-3665 (20-20-20-20) IFP 31 # FFP 55 # ISIP 514 # FSIP 506 # Rec. 60' muddy water.			LANS	
DST #6 3690-3760 (30-30-60-45) IFP 63 # FFP 60 # ISIP 1070 # FSIP 1038 # Rec. 420' salt water, 500' s.o.c. water, 260' water.			LANS	
DST #7 3890-3908 (30-30-20-30) IFP 23 # FFP 31 # ISIP 173 # FSIP 593 # Rec. 15' oil speckled mud.			Reagan	
DST #8 (straddle test) 3726-46 (30-30-30-45) IFP 23 # FFP 55 # ISIP 300 # FSIP 270 # Rec. 100' water w/SS oil.			LANS.	
<u>LOGS</u> Gamma Ray - Newton - Gural - Caliper Production Tests	3200	3907		
Drilled shoe - 2700' fillup in 4 has. POP.				

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



W. J. Clement

Signature

Title

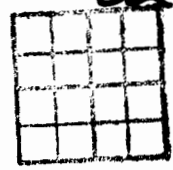
Date

KANSAS GEOLOGICAL SOCIETY
508 East 10th Street
Wichita, Kansas

Jan 7 1973

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

32-13-20W
S/2 S/2 SE
32-13-20W
KANSAS



BOOS #1
S/2 S/2 SE, Section 32-13S-20W
Ellis County, Kansas

API #15-051-20,803

Commenced: December 28, 1971
Completed: January 10, 1972

Elev. 2271 KB

OPERATOR: CENTURY OIL CO.

Depth From	Depth To	Formation	Remarks
0	20	Top soil and clay	Ran 7 jts of new 20# 8 5/8" csg.
20	30	Post rock	Set @ 291' w/175 sks common
30	115	Clay	w/2% Gel - 3% CC
115	130	Sand	P.D. 9:15 PM 12/29/71
130	900	Shale	Centralizer @ 256'
900	1050	Shale and sand	Cement Circ.
1050	1325	Sand	
1325	1586	Shale and shells	
1586	1624	Anhydrite	
1624	2170	Shale	
2170	2287	Lime and shale	
2287	2485	Shale and lime	
2485	2935	Lime and shale	
2935	3460	Shale and lime	
3460	3750	Lime and shale	
3750	3850	Lime	Ran 127 jts of used 5 1/2" csg.
3850	3890	Lime, Chert, Shale	L.D. @ 3897 - 1' off bottom.
3890	3908	Shale	Cemented w/150 sks Salt Sat Cem.
3908	TD		DU Tool 1586' cen. w/400 sks 50/30 Posmix 6% Gel Complete @ 10:30 AM 1/10/72

I, James S. Sutton II, certify this is a correct copy of the Drillers' Log for the well drilled in the S/2 S/2 SE, Section 32-13S-20W, Ellis County, Kansas, to the best of my knowledge and belief.

James S. Sutton II
James S. Sutton, II

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Before me, the undersigned, a Notary Public within and for said County and State, on this 14th day of January 1972, personally appeared James S. Sutton II to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and last above written.