

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 077 — 20,211
County Number

Operator

Beren Corporation

Address 1130 Vickers KSB&T Building
Wichita, Kansas 67202

Well No.

#1

Lease Name

Clements

Footage Location

1980 feet from ~~XXX~~ (S) line 660 feet from (E) ~~XXX~~ line

Principal Contractor

Gabbert-Jones, Inc.

Geologist

Bob McCann

Spud Date

September 15, 1973

Total Depth

4716

P.B.T.D.

Date Completed

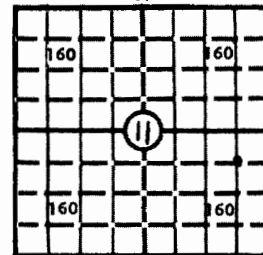
September 30, 1973

Oil Purchaser

S. 11 T. 32 R. 7 W

Loc. C NE SE

County Harper

640 Acres
N

Locate well correctly

1423

Elev.: Gr.

DF KB 1428

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	12½	8-5/8	28#	265	60/40 Poz.	225	3% C.C.
Production	7-7/8	5½	14#	4713	60/40 Poz.	220	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3960 - 66
TUBING RECORD			4		3962 - 31
Size	Setting depth	Packer set at	open hole		4713 - 16

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% regular	3960 - 66
500 gal. 15% regular	3926 - 31
Natural	4713 - 16

INITIAL PRODUCTION

Date of first production

Producing method (flowing, pumping, gas lift, etc.)

flowing

RATE OF PRODUCTION
PER 24 HOURS

Oil

10

Gas

4,260

Water

30

Gas-oil ratio

426

CFPB

Disposition of gas (vented, used on lease or sold)

waiting on pipeline connection

Producing interval(s)

3960 - 66, 3926 - 31 4713 - 16

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 Beren Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas
Well No. 1	Lease Name Clements	
S 11 T 32S R 7 X		

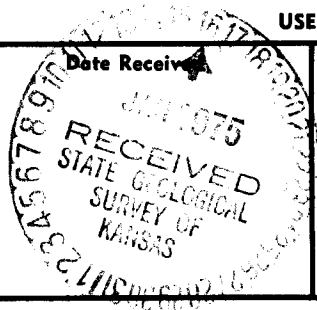
WELL LOG

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
#1 30/30/30/30 strong blow Tool slide to bottom & opened 1611/1607	3899	3935	Wellington Cottonwood Neva Emporia Howard	1368 1902 1954 2460 2664
#2 30/30/60/45 fair increasing - strong blow Rec. 2900' GIP + 120' GCM + 300' SOGCM + 120' OGC thin mud 38,000 PPM 42,000 PPM 1304/1246 183/214	3941	3968	Topeka Elgin Heebner Stalnaker Sd. Kansas City Marmaton Ft. Scott	2874 3093 3203 3567-3615 3770-3997 4074 4189
#3 30/30/60/45 Gas to surface 2 min. 1st. opening 517,000 CFG - 10 min. 426,000 CFG - 20 min. 426,000 CFG - 20 min. 2nd. opening 537,000 CFG - 10 min. 517,000 CFG - 20 min. 486,000 CFG - 30 min. 481,000 CFG - 40 min. and stable Rec. 120' GCM + 720' SW 1705/1684 161/416	4360	4378	Cherokee Sd. Miss Chert. Kind. Shale Chatt. Shale Simpson Sand	4197 4358 4592 4678 4713
#4 30/45/60/60 gas to surface 4 min. 1st. opening 734,000 CFG - 10 min. 1,020,000 CFG - 20 min. 1,350,000 CFG - 30 min. 2nd. opening 1,450,000 CFG - 15 min. 1,630,000 CFG - 30 min. 1,790,000 CFG - 45 min. 1,790,000 CFG - 60 min. Rec. 10' GCM w/show dist. 1770/1760 70/315	4704	4716		

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




 Signature
 Don W. Beauchamp - Geologist
 Title
 1-28-74
 Date

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

11-32-7W

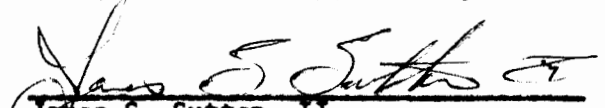
CLEMENTS #1
C NE SE
Section 11-32S-7W
Harper County, Kansas

Commenced: September 15, 1973
Completed: September 30, 1973

OPERATOR: BEREN CORPORATION

Depth From	To	Formation	Remarks
0	55	Sand	Ran 6 jts of used 28# 8 5/8" csg.
55	480	Redbed	set @ 265' w/225 sks 60/40 Posmix
480	1280	Shale-shells	2% CC
1280	2260	Lime & shale	P.D. @ 6 AM 9/16/1973
2260	2550	Shale-lime	
2550	3350	Lime-shale	
3350	3560	Lime & sand	
3560	3800	Lime & shale	
3800	3990	Lime	
3990	4190	Lime & shale	
4190	4716	Lime	
4716	T.D.		Ran 146 jts of used 14# 5 1/2" csg. set @ 4713 1/2' w/200 sks 50/50 Posmix P.D. @ 4:30 AM 9/30/1973.

I, James S. Sutton, II, certify this is a correct copy of the Drillers' Log for the well drilled in the C NE SE, Section 11-32S-7W, Harper County, Kansas, to the best of my knowledge and belief.


James S. Sutton, II

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)



Before me, the undersigned Notary Public within and for said County and State, on this 9th day of October, 1973, 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 date first above written.


Marjorie Hall, Notary Public



My Commission expires Nov. 29, 1975