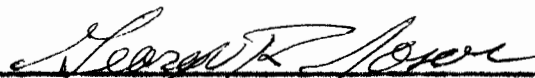


DRILLERS' LOG

Company: Wilcox Oil Co.
Contractor: Jones-Gebert Oil, Inc.
Farm: #1 Vernon, C NE SW NW
Sec. 28-27S-13W
Pratt Co., Kansas
Commenced: 11/5/63
Completed: 11/18/63
Casing: 8-5/8" @418' w/275 sx.

0	-	100	Surface clay
100	-	153	Sand
153	-	327	Red bed
327	-	387	Sand
387	-	410	Red bed
410	-	418	Lime & shale
418	-	560	Anhydrite, shale
560	-	595	Sand & shale
595	-	1000	Shale & shells
1000	-	1435	Shale & shells
1435	-	2020	Shale & lime
2020	-	2180	Shale & lime
2180	-	2380	Lime
2380	-	2520	Lime
2520	-	2700	Lime & shale
2700	-	2855	Lime
2855	-	3035	Lime & shale
3035	-	3180	Lime & shale
3180	-	3340	Lime & shale
3340	-	3500	Lime & shale
3500	-	3625	Lime & shale
3625	-	3750	Lime & shale
3750	-	3810	Lime & shale
3810	-	3875	Lime
3875	-	3920	Lime
3920	-	4000	Lime
4000	-	4026	Lime
4026	-	4105	Lime
4105	-	4158	Lime
4158	-	4235	Lime
4235	-	4300	Lime & shale
4300	-	4345	Lime
4345	-	4385	Lime
4385	-	4420	Lime
4420	-	4455	Shale & sand
4455	-	4496	Lime & shale
4496	-	4547	Lime & shale
4547	-	4550	Arbuckle
		4550	Rotary Total Depth

I, George R. Jones, do hereby certify that the above and foregoing is a true and correct copy of the log of the #1 Vernon, C NE SW NW, Sec. 28-27S-13W, Pratt Co., Kansas, as reflected by the files of Jones-Gebert Oil, Inc.



GEORGE R. JONES

State of Kansas, County of Sedgwick) ss:
Subscribed and sworn to before me, a Notary Public, in and for Sedgwick
County, Kansas, this 21st day of November, 1963.

My Commission Expires:
February 1, 1964

Barbara J. Layton, Notary Public



JONES - GEBERT OIL, INC.

OIL PRODUCERS

Central Building AMherst 7-7383 Wichita 2, Kansas

DRILLING PROGRAM


#1 VERNON

Sec. 28-27S-13W, PRATT CO., KANSAS

1. Set \pm 400' of 8-5/8" surface casing.
2. Keep 5' drilling time from 0' to 3200'.
Keep 1' drilling time from 3200' to T. D.
3. Save 30' samples from under surface to 3200'.
Save 10' samples from 3200' to 3750'.
Save 5' samples from 3750' to T. D.
4. Have mud in condition for Drill Stem Test by 3800'.
Viscosity 40-45; water loss under 20 cc's.
5. Strap drill pipe on last trip above 3750'.
6. Call Geologist at 3500'. Stop at 3780' and wait for Geologist.
7. Call in morning report by 9:00 AM daily.
8. Estimated formation tops:

Lansing	3800	Viola	4320
Base Kansas City	4150	Simpson	4370
Mississippi	4260	Arbuckle	4480
9. Phones:

Jones-Gebert	AM 7-7383
George Jones	PA 2-3164
Jay Gebert	MU 6-9003
Bob Douglass	PA 2-4873
Jerry Zorger	MU 4-8045



GEORGE R. JONES

Henderson

REPORT OF ENGINEER.

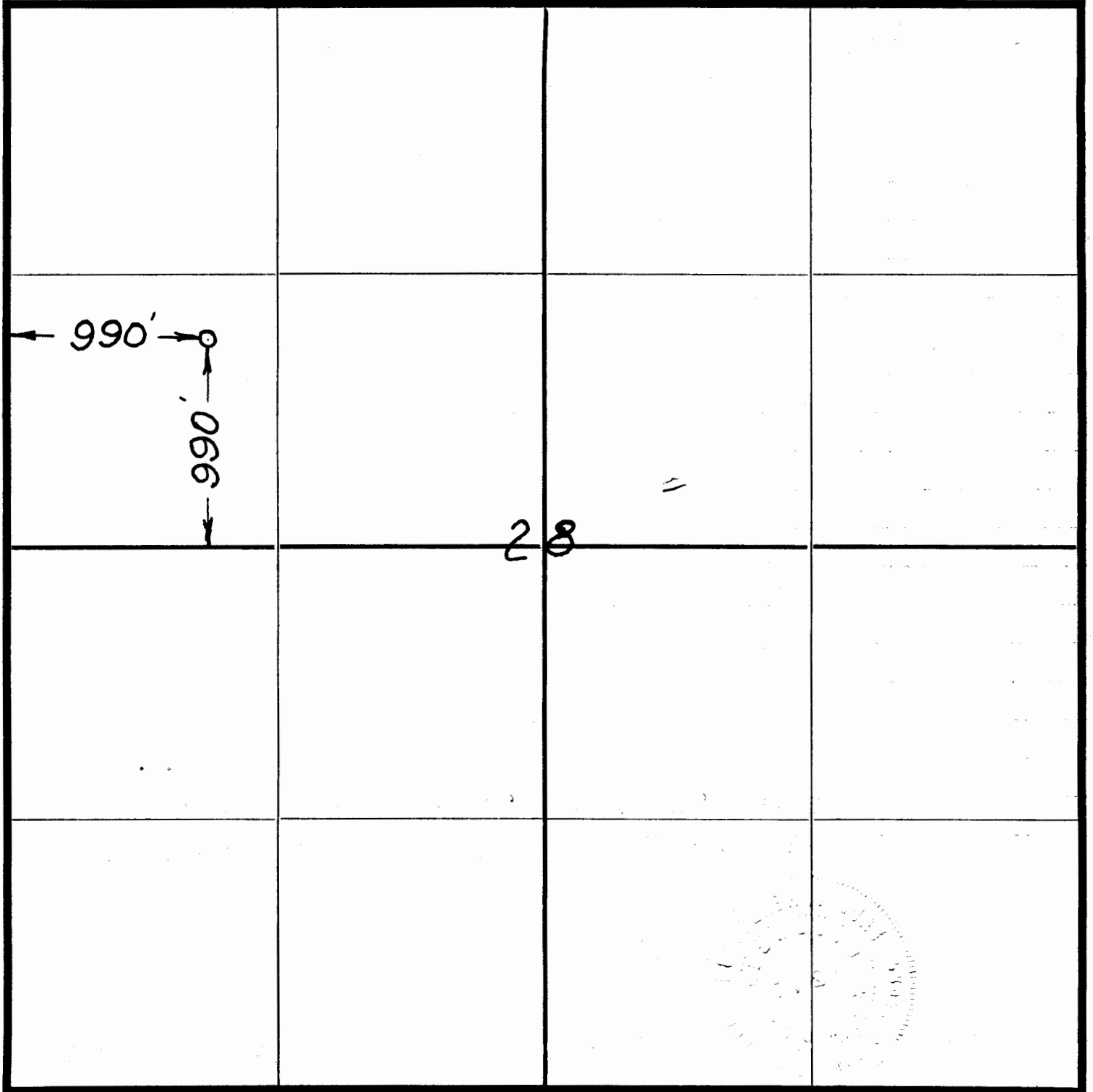
FIELD NOTES of a survey made by Paul V. Henderson, licensed professional engineer, under authority of an agreement between

Jones-Gebert Oil, Inc. and Paul V. Henderson

on the 1st day of November, 1963.

PLAT

Section 28 Town. 27S Range 13W of the 6th P.M.



CERTIFICATE

I, Paul V. Henderson, licensed professional engineer, do hereby certify, that in pursuance of the foregoing agreement, I proceeded, on the 1st day of November, 19 63, to make a survey and that the report herewith returned conforms strictly to such survey.

Paul V. Henderson

Licensed Professional Engineer
Kansas License Number 1217

MEMORANDA

Staked location and prepared plats at the center of the NE $\frac{1}{4}$ of
the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 28, Township 27S, Range 13W of the
6th P.M.

REPORT OF ENGINEER

On Sec. 28 Town 27S Range 13W
Between Jones-Gebert Oil, Inc.
Central Building
Wichita 2, Kansas
and Paul V. Henderson
Box 526
Pratt, Kansas

RECEIVED

ASSIGNED

NOV 4 1963

APPROVED
JONES-GEBERT OIL, INC