

State Kansas County Reno

Company Messman-Rinehart Oil Co. Well No. 1

Farm Elsworth-Cole Unit

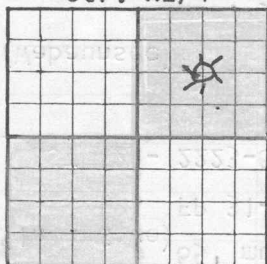
Survey

Block No. Sec. 13 Twp. 1 Range 26 S 9 W

Co-Ord. Elev. 1640' K/B 1638' D/F

Ctr. NE/4

M-R Rig



& Gills
50% - A.A.S., Jr., A.A.S., Sr.
21.42% - Chicago Group
(Allen, Lunding, No. Dak.
Marquette, Northwestern)
*28.571% - M-R Oil Co.
*-subj. to int. of Lake For
3250 Dg. SD. test to be
comm. by 8/15/65

NOTE: Show Sketch of Lease and Well Location in Above Space

1320

Ft. from N. Line

Ft. from S. Line

Ft. from W. Line

1320

Ft. from E. Line

Date	Depth	
8/27/65		Location staked
9/2		M.I.R.T. - Spud - 10-3/4" @
		199' w/170 sx. cem., 3 gel.,
		5 c.c., P.D. @ 2:30 a.m.
		9/3/65
9/6	2130	Drig.
9/7	2617	Drig.
9/8	3000	Drig.
9/9	3240	Drig.

Date	Depth	694568
	1550	Ft. Riley (+90)
	2166	Indian Cave (-526) fr. sd.
	2358	Tarkio Ls. (-718)
	2600	Howard (-960)
	2726	Topeka (-1086)
	3118	Heebner (-1478)
	3270	Drlg. (Dg. w/very little sd.)
		good gas kicks in Ind. Cave
		& Langdon Sec., will drill to
		Brown Lime, run log & DST
9/10	3330	R.T.D. (Logged hole)
	DST #1 - 2164-2211	(Op 2 hrs., Rec. 300' ga
	(Ind. Cave)	65' mud, 30' thin mud, SIP 276-402
		FP 31-63#, Temp. 95°
	DST #2 - 2223-65'	- Op 3 hrs., GTS in 7",
		Ga. 49,000 cf., incr. to 310,000
	(Wabaunsee)	cf at end of 3 hrs. (still incr.)
		Rec. 305' gsy mud, SIP 669-896#,
		FP 71-141#, Temp. 98°
		4½" @ 2420' w/90 sx. cem.,
		2 gel., P.D. @ 8:15 p.m.
		9/11/65
10/7		M.I.C.T., swb: hole down, ran
		Welex Correlation Log,

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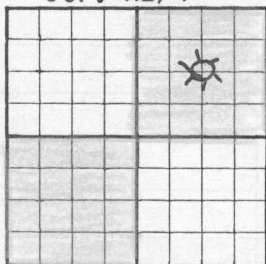
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Block No. _____ Sec. 13 Twp. 26 S Range 9 W

Co-Ord. _____ Elev. 1640' K/B _____

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Ft. from N. Line _____ Ft. from S. Line _____

Ft. from W. Line _____ Ft. from E. Line _____

Date	Depth
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	Perf. 2299-2303' w/4 ^s ft., GTS in 1"
	(esti. 150-200 Mcfg), ran swb. in 30"
	Rec. 15 gal. mdy wtr., ran swb in
	1 hr., Rec. 5 gal. mdy wtr.,
	Perf. 2274-80' w/4 ^s ft., Gas incr.
	in 1½" (esti. 400 Mcfg),
10/9	Frac. 15,000# sd. & 420 BW at 1500#
	went in @ 14 bbls/min., swb. 50-60
	BW, KO @ 10:45 a.m., Rec. 100 BF

[illegible]