

State Kansas County Reno

Company Messman-Rinehart Oil Co. Well No. 1

Farm Pafford Estate

Survey \_\_\_\_\_

Block No. \_\_\_\_\_ Sec. 12 Twp. 26 S Range 9 W

Co-Ord. \_\_\_\_\_ Elev. 1674 K/B  
1672 D/F

NW NW NE

M-R rig


- $\frac{1}{4}$  - Messman-Rinehart Oil Co.
- $\frac{1}{2}$  - A. A. Seeligson, Jr., et al
- $\frac{1}{4}$  - Chicago Group

F.O. - Magnolia - AM 7-7271  
DHM - Phillips - HO 4-6301

4150' Viola test to be comm.  
by 12/15/57

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

330

Ft. from N. Line

Ft. from S. Line

Ft. from W. Line

2310

Ft. from E. Line

Date	Depth	
11/11/57		Staked
11/20/		M.I.R.T.
11/21		R.U.R. - Spudded
		8-5/8" @ 232' w/150 sx. cem.,
		2 jel, 3 cc - PD @ 6:30 P.M.
		11/21/57 - WOC
11/25	2180	Drlg.
11/26	2680	Drlg.
11/27	3132	(on bank - will mud up hole & go back in)

692317

Date	Depth	
11/28	3470	Drlg.
	3315	Brown Lime (-1641)
	3334	Lansing (-1660)
11/29	3565	Drlg. (#7 bit @ 3435)
	3595	(30' anchor to test several breaks in Ls from 3565-95 w/lt. sho
		D.S.T. #1 - 3565-95 - Op 1 hr., rec. 60' mud, 60' sli OCSW, FP 80-170#, BHP 1180#
	3890	Miss. Chat (-2216) (52' chat)
		D.S.T. #2 - 3892-3903 - Op 1 hr. 20", Gas to surf. in 16", gauged at end of: 30" - - 310,000 cf 40" - - 324,000 50" - - 324,000 60" - - 362,000 70" - - 362,000 80" - - 362,000 Rec. 45' sli GCM, BHP 1380-1240#, FP 0-120#, Hydro Hd 2200# (to drill rest of chat & run DST)
	3942	Miss. Lime (-2268)
		D.S.T. #3 - 3903-3951' - Op 1 hr., Gas to surf, in 53", (too small to meas) FP 150#, BHP 1040#, Rec. 170' GCM
12/3	4075	Drlg.

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M-R Rig

			*	miss.
				rts.
				only

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

330 Ft. from N. Line Ft. from S. Line

Ft. from W. Line 2310 Ft. from E. Line

Date	Depth	
	4156'	Viola (-2482)
		D.S.T. #4 - 4142-60' - 0p 1 hr.,
		Rec. 2140' SW, BHP 1180-1140#,
		FP 290-1110#
	4160'	R.T.D. (ran laterolog and
		conductivity log)
		5 $\frac{1}{2}$ " @ 3980' w/75 sx. cement,
12/9		M.I.C.T.
12/10		Perf. 3892-97 w/36 <sup>s</sup>
		1st 4' - 8 <sup>s</sup> per ft.
		Bottom 1' - 4 <sup>s</sup>

692317

Date	Depth	
12/10		Baling 9 gal. water 1st hr. w/small sho gas, to test overnight & acidize
12/11		Treated w/500 gal. mud acid
12/12		Tests: 300,000 cfg, 90 gal. wtr. in 16 hrs. (prob. load wtr)
12/13		Frac w/2500# sand & 3000 gal. gel acid, swb. 40 BW back, well kicked off and flowed at rate of 2,000,000 cfg (rec. 120 bbls. wtr.), testing
12/15		Tested at rate of 1,000,000 cfg for 24 hrs., 540# tbg., 720# csg., 1 BWPH Total load 274 bbls. Recovered 237 To rec. 37 bbls.
12/16		SI pressure - 1000# (overnite of 12/15)
12/17		To test at rate of 750,000 cfg
12/18		Esti. Open flow - 1,750,000cf and 1/2 BWPH SI for 1" tbg., SI pres. 1050#
1/8/58		SCG Bottom Hole Bomb Test - 1290# psi @ 3890'
4/11		SI awaiting connection State Potential 2,150 Mcf