

ERA Prod, Kc.

WELL RECORD

Well No. **10** Farm **Woodward** Producer **ERA, Inc.**

Location **470' S N L 1360' E W L** Sec. **13** Twp. **25 S** Rg. **21 E**

Elevation _____ State **Kansas** County **Nowata**

Kind (Oil, Gas, Water, Dry Hole) _____ Contractor **ERA EXPLORATION Co.**

Producing formation _____ Top _____ Bottom _____

Shot with _____ qts. _____ from _____ to _____

Packer Set at _____ Kind _____ Size _____

Liner _____ from _____ to _____ Perforated from _____ to _____

LOG

Thick-ness	Strata	Depth	Thick-ness	Strata	Depth
7'	soil & clay	7'			
103	ls. w/sh. brk. 110				
76	ls. w/sh. brk. 186				
102	shale	288			
17	ls.	305			
61	shale	366			
29	ls.	415			
46	shale	461			
17	ls.	478			
7	shale	485			
5	ls.	490			
16	dry. sh. gr.	506			
39	sh. sand	545			
7	ls.	548			
2	shale	550			
41	shale	591			
4	ls.	595			
59	sh. & dry. sh.	654			
	core #1 (654'-680')				
26	sh. & dry. sh.	680			
26	sh. & dry. sh.	706			
44	sh. & dry. sh.	750			

Total Depth **750'**

Open Hole _____

Casing **8 5/8"** at **24.14'**

Casing _____ at _____

Casing _____ at _____

Cement _____

Tubing _____

Rods _____

Additional Information

Plugging - 15 skt. cement at 675' - 5 skt. cement bridge at 150' - 4 skt. cement on bridge at 25' - fill with dirt to within 5' of top - 1/2 skt. cement to top.

ERA Exploration Co. Plugging number 589.

All measurements taken from ground level.