



Operator Name **A. Scott Ritchie** Lease Name **Eva Richardson** Well# **3** SEC. **19** TWP. **11S** RGE. **22**  East  West

Date of First Production 11/14/84	Producing method Acidized w/600 gal. of 28% acid 3551'-54'				
	<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravily
	50.0 Bbls	MCF	70.0 Bbls	CFPB	

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Anhydrite	1747'	(+ 559)
B/Anhydrite	1793'	(+ 513)
Topeka	3300'	(- 994)
Heebner	3515'	(-1209)
Toronto	3535'	(-1229)
Lansing	3549'	(-1243)
B/KC	3785'	(-1479)
Mamaton	3881'	(-1575)
LTD	3972'	(-1666)

DST #1 from 3480' to 3495' (Topeka). Recovered 65' of muddy water with few specks of oil.  
 IFP:55-55#/30"; ISIP:1099#/30";  
 FFP:66-77#/30"; FSIP:1045#/30".

DST #2 from 3527' to 3570' (Toronto & Top zone). Recovered 180' of gas in pipe and 350' of heavy mud cut oil.  
 IFP:88-121#/30"; ISIP:569#/30";  
 FFP:154-164#/30"; FSIP:569#/30".

DST #3 from 3586' to 3623' (35' and 50' zones). Recovered 510' of slightly oil cut muddy water.  
 IFP:54-173#/30"; ISIP:509#/30";  
 FFP:206-249#/30"; FSIP:509#/30".

DST #4 from 3626' to 3643' (70' zone). Recovered 300' of gas in pipe, 165' of watery mud cut gassy oil, and 60' of slightly oil cut muddy water.  
 IFP:44-66#/30"; ISIP:351#/30";  
 FFP:77-88#/30"; FSIP:340#/30".

DST #5 from 3679' to 3744' (140', 160', & 180' zones). Recovered 10' of mud, no show of oil.  
 IFP:77-77#/30"; ISIP:252#/30";  
 FFP:77-77#/30"; FSIP:88#/30".

DST #6 from 3895' to 3925' (Mamaton). Recovered 70' of heavy mud cut oil.  
 IFP:55-55#/30"; ISIP:1142#/60";  
 FFP:55-55#/30"; FSIP:1142#/60".

FEB 25 1985  
 State Geological Survey  
 WICHITA BRANCH

Disposition of gas:  vented  sold  used on lease  
 METHOD OF COMPLETION:  open hole  perforation  other (specify) \_\_\_\_\_  
 Dually Completed.

PRODUCTION INTERVAL: 3760'-64'; 3628'-38'; 3591'-94'; 3551'-54'

Surface Production	12 1/4"	8-5/8"	23#	219'	quickset	150	none
	7-7/8"	4 1/2"	10.5#	3973'	60/40 poz.	650	10% salt, 6% ge.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
1 SSB jets	3897.5' to 3915'	Acidized w/500 gal. of AOG-200 acid	3897.5'-3915'
2 SSB jets	3760' to 3764'	Fracture treat w/22,000# of 20/40 sand and 2,500# of 10/20 sand.	3897.5'-3915'
2 SSB jets	3635' to 3638', 3628'-3630'	Acidized w/600 gal. of 28% acid	3760'-64'
2 SSB jets	3591' to 3594'	Acidized w/1200 gal. of acid	3628'-38'
2 SSB jets	3551' to 3554'	Acidized w/500 gal. of 28% acid	3591'-94'

TUBING RECORD size \_\_\_\_\_ set at \_\_\_\_\_ packer at \_\_\_\_\_ Liner Run  Yes  No