



SIDE TWO

Operator Name The Reach Group Lease Name Berens-Ries Well# 13 SEC. 28 TWP. 11S RGE. 22 XXXXX  
 West

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

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

**Formation Description**  
 Log  Sample

DST #1: 3579-3615', Toronto, 30-30-30-30. Rec 5' of OSM. IHP 1915 psi., IFP 41-41 psi., ISIP 390 psi., FFP 51-51 psi., FSIP 205 psi., FHP 1905 psi.

DST #2: 3611-35', Lansing "A", 30-30-30-30. Rec 4' of M w/oil specks. IHP 2008 psi., IFP 41-30 psi., ISIP 720 psi., FFP 51-51 psi., FSIP 679 psi., FHP 1936 psi.

DST #3: 3645-75', Lansing "B", 30-60-30-60. Rec 330' of MW. IHP 1967 psi., IFP 30-92 psi., ISIP 267 psi., FFP 113-133 psi., FSIP 267 psi., FHP 1915 psi.

DST #4: 3954-80', Marmaton, 30-60-30-60. Rec 10' of OCM (25% O, 75% M). IHP 2293 psi., IFP 30-30- psi., ISIP 805 psi., FFP 45-45 psi., FSIP 744 psi., FHP 2172 psi.

Name	Top	Bottom
Anhydrite	1808'	
Heebner	3584'	
Toronto	3606'	
Lansing "A"	3624'	
Lansing "B"	3665'	
Lansing "C"	3682'	
Kansas City "H"	3764'	
Kansas City "I"	3784'	
Kansas City "J"	3802'	
Kansas City "K"	3823'	
Kansas City "L"	3848'	
Marmaton	3945'	
Arbuckle	4037'	

**CASING RECORD**  new  used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface		8-5/8"		270'	common	180	3% CaCl, 2% gel
Production		4-1/2"		4020'	lite	800	
					60/40 poz-mix	200	3% CaCl, 2% gel

**PERFORATION RECORD**

**Acid, Fracture, Shot, Cement Squeeze Record**

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	3960-70'	Frac w/991 BBL & 40,000# sand * * * 750 gal 15%	
2	3821-25'		
2	3799-3804'		
2	3782-85'		
2	3722-27'		

**TUBING RECORD**

size 2-3/8" set at 3948 packer at          Liner Run  Yes  No

Date of First Production 6/15/84 Producing method  flowing  pumping  gas lift  Other (explain)         

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	56 Bbls	None MCF	83 Bbls	None CFPB	

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**

open hole  perforation  
 other (specify)           
 Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**

3605-09'  
2960-70'

<u>SHOTS PER FOOT</u>	<u>FOOTAGE OF EACH INTERVAL PERFORATED</u>	<u>AMOUNT. &amp; KIND OF MATERIAL USED</u>	<u>DEPTH</u>
2	3678-81'	**	
2	3661-64'	**	
2	3622-25'	***	
2	3605-09'	***	

\* 3 intervals treated together w/2250 gal 15%

\*\* both intervals treated w/1500 gal 15%

\*\*\* both intervals treated w/1500 gal 15%

RECEIVED  
STATE CORPORATION COMMISSION

JUN 26 1984

CONSERVATION DIVISION  
Wichita, Kansas