

APR 24 1971

Lario Oil & Gas Company

Marshall "A" No. 22

1690' NSL, 90' EWL Sec. 31-11S-17W

Ellis County, Kansas

31-11-17W
app w/2 nw SW

Drilling Commenced: 1-28-71

Drilling Completed: 2-20-71

Well Completed: 3-16-71

Drilling Contractor: Garvey Drilling Company

Initial Potential: Pump 140 BO 24 hrs., no water, natural (3-23-71)

Total Depth: 3797'; P.B. w/ cement to 3750'

P.B. w/ cast iron plug to 3598'

P 165 BOPD
JKE

Depth	Formation	Casing Record:
Post Rock	80	8 5/8" 1377' Cem. 750 sacks
Blue shale	295	5 1/2" 3689' Cem. 150 sacks
Shale	1347	
Anhydrite	1384	
Shale	1935	
Shale & lime	3415	
Cored lime	3415-3445	
Lime & shale	3452	
Cored lime	3615-3621	
Lime	3797	
PBTD	3750	
Set cement plug	3750-3690	
Cast iron plug to	3598	

Log Tops:	
Topeka	3059 (-937)
Heebner	3287 (-1165)
Toronto	3305 (-1183)
Lansing-Kansas City	3333 (-1211)
Simpson	3593 (-1471)
Arbuckle	3612 (-1490)
Rotary Total Depth	3797 1/2 (-1675 1/2)

Drilled out to 3678' and perforated 3670-72' w/4 shots/ft.

Swabbed 1884 BWPD + 70.2 BOPD

Set Baker cast iron plug @ 3666'

Perforated 3656-3660' w/2 shots/ft

Swabbed 754 BWPD, no oil

Set Baker cast iron plug @ 3651'

Perforated 3636-3640' w/2 shots/ft.

Tested 1/2 GWPH with scum of oil

Acidized w/250 gals.

Swabbed 117.8 BWPD and 5.04 BOPD (Oil was 25.1° API Corrected)

Set cast iron plug at 3631'

Perforated 3620-24' w/2 shots per foot

Swabbed 91.2 BWPD and 12 BOPD Natural

Acidized w/250 gals.

Swabbed 88.56 BWPD and 3.36 BOPD

Drilled plug at 3631' and pushed to 3650'

Swabbed at rate of 175 BWPD and 5.04 BOPD

Set RTTS tool at 3610'

Acidized w/500 gal. reg. acid and 200 gals. gel salt water

Swabbed 168 BWPD and 9.12 BOPD

Set cast iron plug at 3598'

Perforated 3496-3500' w/2 shots per foot

Swabbed 165.36 BOPD 37.8° API Corrected

Core #1 3615-25