

4-11-17W

INFORMATION REQUEST FORM

FROM: Petroleum Information Corp.
1007 Century Plaza
Wichita, Ks 67202

RE: Well Completion Report. Please complete this form and return it in the enclosed envelope. We and the Industry thank you for your cooperation.

Operator Liberty Enterprise API# 15-051-22381 County Ellis
Well # 8 Lease Name Roy Carmichael #1 AEI Sec 4 Twp 11S Rge 17W
Contractor Pioneer Drilling Co., Inc. Geologist Pat Balthazor Loc SE SE SE
Start Date 4-9-81 Completed Date 4-16-81 Ftg 330' from S line
Casing Record: Size Depth Sx Cmt
Surface 8 5/8 217 110
Production 4 1/2 3403 150
Total Depth 3405 PBTD Type Electric Logs
Radiation Guard Log
Elev: KB 1832 GR 1827
Formation tops: Spl Log X

Cores: Interval Recovery Description

DSTS: Form. - Interval - Times - Pressures - Temp - Recovery

Drillstem Test #1 Interval: 3380 - 3405, 30-30-30-30,
Recovered 2300' of muddy water.
Initial Hydrostatic Pressure: 1832 PSI
Initial Flow Period: 466-890 PSI
Initial Closed-In Period: 1105 PSI
Final Flow Period: 937-1080 PSI
Final Closed-In Period: 1119 PSI
Final Hydrostatic Pressure: 1772 PSI

Anhydrite	1066 (+766)
Topeka	2777 (-945)
Heebner	3007 (-1175)
Toronto	3028 (-1196)
Lansing KC	3050 (-1218)
Stark	3241 (-1409)
Base KC	3284 (-1452)
Arbuckle	3400 (-1568)

PERFORATION - TREATMENT RECORD

Perfs	Interval	Formation	Acid	Sand	Fluid	Test
3 shots	3338-3350					
0 shots	3309-3312					
	3350-3309		2000 gal			

INITIAL PRODUCTION

Pump/Flow	Oil - Gas - Wtr /Day	Formation	Interval	Date
17 BOPD	4 BWPD	Conglomerate	3350-3309	First Production
				4-29-81

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SENT 7/13/81