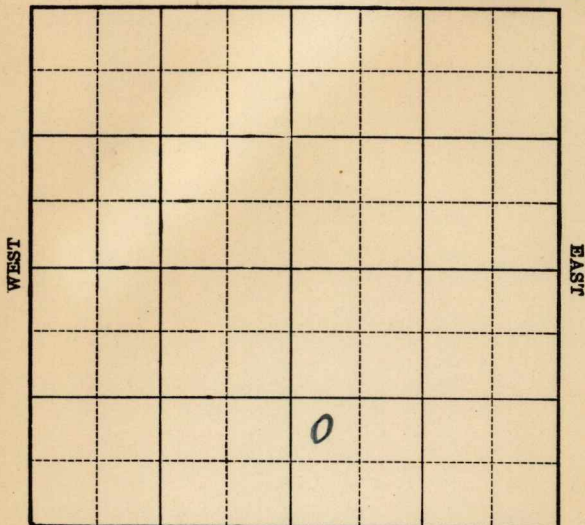


Section 15 Township 19 Range 9-W

Well No. #4 Cramm

Company Harwood Oil

NORTH Chase Arb.Pool



SOUTH

KANSAS

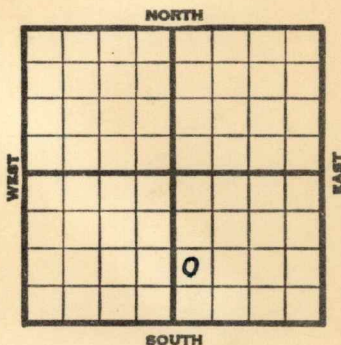
Rice

Sec. 15 Twp. 19 R. 9-WWell No. #4 Cramm Farm

Harwood Oil

Company

(Chase Arb.)

 Ft. from N. Line990 Ft. from S. Line Ft. from E. Line330 Ft. from W. Line

Elev. 1710

1940

REPORT

2/14

Location

2/23

"

2/29

10" - 130' Drlg.

3/8

Drlg. 2745'

3/14

Lans. 2883' Arb. 3200'-13'

T.D. 3213' Run 5".

3/21

T.D. 3221' 2250 acid.

Flow 5 bbls. per hour.

3/28

" " " "

4/4

Shot 10 qts. 3211-21' C.O.

4/12

Drlg. deeper.

4/18

T.D. 3242' No test.

4/24

Arb. 3200'

5" - 3201'

T.D. 3242'

Shot 10 qts. 3211-21'

6400 acid.

Potential 243 bbls. on pump.

COMPLETED

Rice

KANSAS

Map No. 49 Sec. 15 Twp. 19 R. 9WWell No. 4 Cramm

Harwood Oil

Company

Contractor

FIRST REPORT

NW SW SE

SECTION PLAT

 Ft. from N. Line990 Ft. from S. Line Ft. from E. Line330 Ft. from W. Line

CHASE ARB. POOL

Location XRig up

Drilling and Remarks:

RECORD

Cased in., ft.Sand Gas Oil Total Depth

PRODUCTION

1st 24 hrs. Nat. 1st 24 hrs. after shot Gas Cu. Ft.Dry Hole Abandoned

Date

FEB 14 1940 19

S. J. LEWIS

Scout

Map No. 49 Sec. 15 Twp. 19 R. 9WWell No. 4 CrammHarwood Oil Company

Contractor

COMPLETED

NW SW SE

SECTION PLAT

 Ft. from N. Line990 Ft. from S. Line Ft. from E. Line330 Ft. from W. Line

CHASE ARB. POOL

Location Rig up

Drilling and Remarks:

*Per X 3200**5" @ 3201**Shot 18 gals 32 11-21**6400 acid**Pump 243 P.X.*

RECORD

Cased in., ft.Sand Gas Oil Total Depth 3242

PRODUCTION

1st 24 hrs. Nat. 1st 24 hrs. after shot Gas Cu. Ft.Dry Hole Abandoned

Date

APR 24 1940 19S. J. LEWIS Scout