

5-26-11 West

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- HELMERICH & PAYNE, INC.
Farm- Jorns No. 1

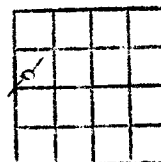
SEC. 5 T. 26 R. 11W
SW SW NW

Total Depth. 4354
Comm. 4-30-53
Shot or Treated.
Contractor.
Issued. 12-12-53

Comp. 6-2-53

County Pratt

KANSAS



Elevation. 1851 DF

Production. dry

CASING:

8 5/8" 534' cem./w 450 sx

Figures indicate Bottom of Formations.

surface clay	130
shale	195
shale & redbed	480
sand	505
sand & redbed	730
sand	740
redbed & shells	850
blue shale & shells	1065
shells & Anhy. strks	1120
shale	1570
salt & shells	1620
shale	1640
shale & shells	1690
lime & shale	3355
lime	4038
Conglomerate	4125
lime & chert	4225
lime & sdy shale	4250
shale, sand & lime	4300
Arbuckle	4354
Total depth	

Remarks:

DST 3700-25, open 1 hr, weak blow throughout, shut in 20 mins. rec. 150' muddy water. Bottom hole pressure 1223#. DST 4120-34, open 1/2 hr. weak blow for 3 mins. shut in 20 mins., rec. 10' mud with trace of oil & gas. BHP 80#. DST 4135-65, open 1/2 hr., weak blow for 5 mins. shut in 20 mins. recovered 10' mud. BHP 0#. DST 4281-91, open 1 hr., weak to fail blow intermittent throughout, shut in 20 mins., rec. 5' drlg. mud. BHP 250#.

Geological tops:	Samples	Elec. Log
Heebner shale	3400	3400
Toronto lime	3415	3415
Iatan (Brown lime)	3580	3579
Lansing-KC	3607	3608
Marmaton lime	3833	3834
Cherokee shale	3919	3920
Conglomerate (Shaly)	3965	3971
Conglomerate (Cherty)	3980	3981
Viola chert	4122	4121
Simpson shale	4216	4219
Arbuckle dolomite	4301	4302
Total depth	4354	4353