

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - W. L. HARTMAN
Farm - Powell

No. 2

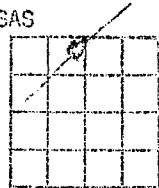
SEC. 1 T. 20S R. 13W
NE NE NW

Total Depth.	3463'	
Comm.	4-27-48	Comp. 6-29-48
Shot or Treated.		
Contractor.	H & H Drilling Co.	
Issued.	8-14-48	

CASING: 10 $\frac{3}{4}$ " @ 355°
7" @ 3437 $\frac{1}{2}$ "

County. Barton

KANSAS



Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

sand
shale blue
red sand
red bed
red bed
shale-sand red bed
shale & shells
shale
shale & lime
lime broken
lime & shale
lime
lime
lime & shale
lime
lime broken
shale & lime
lime-shale
shale & shells
lime
lime & shale
lime
Total Depth

175
220
300
355
690
1140
1500
1625
1755
1855
2000
2085
2200
2350
2426
2530
2645
2750
2835
2895
2985
3463

hole let it set over night. Had half bailer free oil in hole. Acidized with 500 gals. acid. 6 gal. oil in hole after standing 15 hrs. - acidized with 500 gal. acid. Fired and let stand for 12 hrs. No increase in oil after acidizing. Drilled it 5' deeper T.D. 3463' - ran bailer and no increase in oil. 75' wtr. in hole after standing 14 hrs. No increase in oil. Ran Gamma Ray.

Shot 3332-3357 $\frac{1}{2}$ - 12 shots

Shot 3320 $\frac{1}{2}$ -3325 - 12 shots

Shot 3320 $\frac{1}{2}$ -3322 - 12 shots

Shot 3301-3305 $\frac{1}{2}$ - 12 shots - 30 gals. wtr. in hole

Shot 3255-3260 $\frac{1}{2}$ - 12 shots more wtr.

Shot 3222-3226 - 12 shots

Shot 3185-3189 - 12 shots

Next morning 4 gal. of oil 290° wtr.
in hole - getting ready to plug.
D&A

Tonsi

Top.	
Brown Lime	3158
Lans.-K.C.	3178
Base Kansas City	3389
Conglomerate	3410
Arbuckle	3437
Kotary T.D.	3438

Cable Tools: Drilled 1' 3439' - samples show formation and no show of oil. Drilled out of shoe 3438' d.f. - show scum dead oil - cleaned up & washed hole. Drilled 1' 3438-3439 good sample crystalline dolomite - stain dead oil. Tested sample 68% soluble - drilled 1' 3439-40. Same 86% soluble - drilled 1' 3440-3441 same - drilled 3441-42 same.

Cleaned up hole. Ran bailer 1 gal. heavy black oil no water. Drilling deeper 1 ft. & testing each foot. Drilled 1 ft. 3442-43 hard tight Arb. 1 hr. 10 min. to drill ft. 3443-44 same - 3444-45 same - 3445-46 - 50 minutes to drill. Brown dense dol. cherty & some sand water wash hole no oil. Shut down 12 hrs. - 1 gal. heavy oil - 1 gal. black water. Ran down off pipe from washing hole. Drilled from 3446-47 1 hr. 5 min. Same as up hole. 3447-48 - 1 hr. 3448-49 - 55 min. - 3449-50 - 50 min. white lime. 3450-51 - 35 min. white lime few specs green shale. Drilled to 3452 hard dense dol. Pumped acid three times & washed up