

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

Company - J. H. HUBBARD CORP. & ANDERSON-RICHARD
Farm - D. W. Skinner No. 1

SEC. 8
3Ee NE

T. 31 R. 14W

Total Depth. 4559' P. B. 4550'

Comm. 1-8-46

Comp. June of 1946

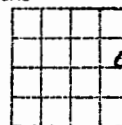
Shot or Treated.

Contractor.

Issued. 1-3-48

County. Barber

KANSAS



Elevation. 1639 sh

Production. Pmp. 23 oil 115 wtr

CASING:

16" 77' Cen. 1/25 sx.
10" 788' Cen. 1/300 Sx.
5" 4389' Cen. 1/200 Sx.

Figures Indicate Bottom of Formations.

sand & shale	77
red bed & shells	625
shale & shells	1220
salt & shells	1405
salt, shale & shells	1500
shale & shells	1715
lime & shale	1790
lime	1830
shale & lime	1835
lime & shale brks	1875
lime & shale	2495
shale & lime shells	2600
lime & shale	2850
lime & shale brks	2930
lime & shale	3145
lime brkn & shale	3270
lime & shale	3290
sdv lime & shale	3350
lime & shale	3400
lime	3425
sdv lime	3500
lime & shale	3540
lime sandy	3556
lime	3675
lime & shale	3820
lime	3871
limebrkn & shale	3925
lime & shale	3970
lime	4004
lime & shale	4065
lime & shale streaks	4107
lime & shale	4170
lime	4200
lime & shale	4250
cherty lime & shale	4288
lime & shale	4327
dolomite	4340
lime	4350
lime & shale	4400
lime	4445
shale	4450
lime water	4458
lime HW	4475
sand	4495
lime	4505
shale	4554
lime	4555
4555 equals 4552	
li o	4559

Total Depth

Plugged back to 4550'

(OVER)

SAMPLE TOPS:

Black shale	3559
Douglas sand	3730-51, sli. porosity with blk oil staining.
Lensing	3760
	3811-21, slight porosity with trace light stain.
Porous	3841-53, no show
"	3885-97 " "
"	3900-04 " "
"	3090-26 " "
"	3904-42 " "
"	3971-76 " "
Maquoketa	4327
	4329-42 Moderate porosity.
Core No. 1	4342-50, Rec 5-1/2'
	3' dolomite, cherty, moderate porosity, bubbling gas, few spots oil.
	2'6" limestone, med. xlyn shaly, low porosity bubbling gas, no oil.
Core No. 2	4350-58, Recovered 3'
	1' Large chert fragments.
	2' lime, med xlyn, partly shaly and little dolomitic no porosity, no show.
HDST	337-58, showed gas in 2 min.
	Open 25 mins. Est. 1000 MCF. Recovered 30' oil cut mud & 90' oil.
Core No. 3	4358-68, recovered 5'
	3'5" shale, drk gy to green, waxy with stringers coarsely xlyn, fossiliferous, limestone, One piece dolomite, xlyn, por. well stained.
	1'6" limestone, med coarsely xlyn, non-porous, no show.

Total Depth 4400, cemented 5 1/2" 4389, 200 sx cement.
Top float 4366. Drilled plug & cleaned out to 4400
total depth, no shows. Lot set overnight, had 2 gal
wtr with rainbow show oil. Pumped 100gal acid, no
inc. Drilled deeper to 4402, total depth, no in-
crease in fluid. PB 4380 with cement. Perf.
21/4362-70, small show free oil & rotary muc,
ran tubing. 3000 acid. swabbed off acid. Swabbed
hole dry bailed 2 1/2 B, 1/2 BOPH/6 hrs, very little
gas. Ran tubing. Ran Yowell tool on tubing.
3 juiced perforations with 80 sx. com. Pressure
3150#. Perf. 6/4353-55. Shut down 1/2 hr, no show.
Perf. 12/4345-49, little mud in top port, shut
down 1/2 hour, no show.
Perf. 12/4345-54, trace oil in top part, shut
down 1/2 hour, no show.
Perf. 12/4343-45, no show, shut down 10 hours.
Rec. 5 gal drilling wtr & scum oil.
Perf. 12/4341-46, little mud in several ports.
Shut down 1/2 hr, Rec scum oil.
ABOVE PERFORATIONS BY ROTARY MEASUREMENTS

Attempted treatment w/1000 gal acid through casing. Pressured up to 1500# & set 2 hrs. Did not take acid. Went in w/bailer & took one bailer acid off bottom. Pressured up to 1400# & broke to 800#. Finished treatment at 700# pressure. Pressure dropped to 200# in one min. Pulled swab 4 times & hole unloaded. Ran tubing & flowed into swab tanks. Flowed 11 BO/6 hrs. & leveled off at 3/4 B.O.P.H. Gas Est. 1,000 MCF. Shut in 12 hrs, 175# on casing, no pressure on tubing. Treated w/2000 gal acid, used 140 BO in treatment. Took acid & oil on vac. No pressure at any time. Swabbing through tubing & recovered 65 BO load in 15 hrs. Pulled tubing & finished unloading hole by swabbing through the casing. Started to pull tubing & hole cleaned self. Recovered some acid wtr, considerable cut oil & some rotary mud. After well blew down, the gas gauged 1,650,000 cu. ft. Shut in overnight. Squeezed off perforations. Bailed hole down & drilled cement to 4345. Perf. 48/4324-40 small show gas. Dumped 7 gal blanket on top of cement. 5000 acid. Max Press. 500# broke to 400#, then on vacuum. Hole unloaded, est 500,000 gas, Gauged 25,000 cu. ft. Squeezed: Dumped 62 B/ into formation & squeezed w/175 sx. 135 sx into formation, pressured up to 2500#. 120. Bailed hole down & drilled cement 4345. Perf. 71/4327-37 rainbow show oil, no gas. Shut down. Dumped 100 gal acid, no increase, Burch Marble shot. 4329-39 no inc. Deepen to Simpson. Drilled out cement 4400.

Top Simpson formation 4440

Top Dolomitic sand 4447-4458, no porosity contain.

Top Porous sand 4458-62, 8 B.P.H.

Top Arbuckle 4553,

Total Depth 4555, possible very slight show of oil.

Steel line corr. 4555 equals 52.

Top Arbuckle 4550 Corr. Cemented 4" liner 4552, drilled plug, no fluid.

Ran 184' of 4" liner cemented at 4552, 7/15 sx. Bailed hole down & did not have complete shut off of Simpson wtr. Tested 2 1/2 B.P.H. Drilled plug & drilled deeper to 4556, no shows, oil or wtr. Drilled deeper to 4559, Total Depth.

Approx. 2000' oil in hole 12 hrs thru approx. 1800' Simpson wtr. Swabbed 25 BO in 45 min, 5000' off bottom. Est. 26 gravity. Plugged back w/rock to 4550. Preparatory to dumping calseal. Plugged back w/calseal 4554. Ran tubing w/ retrievable cement retainer at 4505. Squeezed w/110 sx cement by stages. Max Pres. 2800# swabbed fluid down to 4505. Cleaned out to bottom of liner, swabbed 70 BO, 200 B. 24 hrs. Swabbed 185 BO & 280 B. 24 hrs. Put on pump. Pumped 23 BO & 115 B. 24 hrs. Pulled Pacific pump & installed larger pump.