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

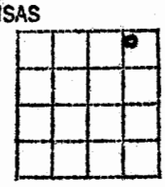
11-6-27W

Company. CONTINENTAL OIL CO.
Farm. C.Cramer No. 2.

SEC. 11 T. 6 R. 27 W
NW NE NE
3 30'S 990'W NE Cor.

Total Depth. 3800' PB 3677' DF
Comm. 6-23-44 Comp. 7-9-44
Shot or Treated.
Contractor.
Issued. 11-4-44

County. Sheridan
KANSAS



CASING:
10¾" 240' Cem.
6" 3765' Cem.

Elevation. 2626

Production. Phy.Pot.1097 B. Pmp

Figures Indicate Bottom of Formations.

shale & shells	0-7
sand & gravel	100
gravel	160
shale & shells	1203
lime brkn	1505
shale & shells	2380
lime brkn	2480
shale & shells	2665
lime brkn	2815
shale	2900
lime	3278
lime brkn	3311
lime	3408
lime brkn	3550
lime	3800
Total Depth	

PB 3677 DF

Tops:
Topeka Lime 3234
KC Lime 3604

Drilled to 3798 w/rotary tools
7-17-44 Drilled cem to 3729'- hole filled 2635' w/wtr.
7-18-44 Drilled out cem plug & tested for leak in 6"OD casing w/Halliburton plug method.
7-20-44 Drilled cem to 3788' & formation took 2½ bbls. of wtr per min under 600# pressure.
7-22-44 Ran 2½" tubing & cem. w/200 sxs of Ideal Portland cem under 2000# pressure; 185 sxs of cem went behind casing.
7-25-44 Drilled cem out of casing fr 3645-3729.
7-27-44 Ran Lane-Wells Gamma-Ray &Neutron log survey, finding the following por. zones: 3610-3616; 3640-3644; [illegible] 3686; 3690-3701; 3701-3707; 3713-3718. Perf 6"OD casing w/12 shots fr 3701-3706 w/Lane-Wells gun perforator.
7-28-44 Hole filled 1000'w/oil & 800' wtr in12 hrs. Bailed hole & exhausted wtr & hole filled 2000'w/oil. Swabbed 20 bbls. oil in 4 hrs.
7-31-44 Perforated 6"OD casing w/Lane-Wells fun perforator as follows: 3604-3620 w/60 shots; 3640-3648 w/30 shots; 3666-3673 w/12 shots; 3683-3691 w/24 shots; 3701-3706 w/24 shots. Hole filled w/oil to within 429' of top.
8-1-44 Swabbed 253 bbls. of oil in 8 hrs.
8-3-44 Ran 2½" tubing & Lane-Wells Hook wall packer to acidize
8-4-44 Acidized through 2½" tubing w/1500 gals of Dowell acid fr 3683-3691; maxmium pressure 900#; minimum pressure 500#; pressure dropped 200# in 1 min after completion of treatment. Swabbed 60 bbls. of oil & 200 bbls. of wtr in 8 hrs. Prior to acidizing this zone, produced 2½ bbls. of oil per hr.
8-7-44 Lowered packer to 3701' & swabbed 62 bbls of oil & 83 bbls of wtr in 6 hrs. fr 3701-3706.
8-8-44 Raised packer to 3666' & swabbed 19 bbls oil, no wtr, per hr fr 3666-3673. Apparently top packer did not hold.
8-10-44 Swabbed 145 bbls. oil & 170 bbls wtr in 4 hrs @ 2300' off btm.
8-13-44 Set Baker cem retainer @ 3677'; squeezed two btm perforations w/100 sxs of Portland Red Ring cem. under 1900# pressure. 5 sxs of cem returned through tubing.
8-16-44 Swabbed 86 bbls. oil in 4 hrs.
8-[illegible] Set packer @ 3604' 3620 [illegible] w/500 gals of Dowell acid, maxmium pressure on casing 700#; on the tubing 550#; pressure equalized @ 550#; pressure dropped 250# in 1 min after completion of treatment. Swabbing 60 bbls. oil in 1½ hrs. Hole is full of oil
8-25-44 Established a 24 hr phy. pot. of 1097 bbls. of oil, by pmp
P.B.T.D. 3677' in KC Lime-producing fr KC Lime

Note:
Footages calculated fr pmping derr.flr level, except formations