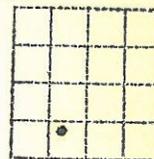


WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk. Bldg., Wichita, Kansas

Company - TIDE WATER ASSOCIATED OIL CO.  
Farm - V. E. Miskimen No. 4

SEC. 32 T. 26 R. 12W  
990' N of SL & 1650' E of  
WL of SW/4  
NW SE SW

County. Pratt KANSAS



Elevation. \_\_\_\_\_

Production. 120 Bbl. very little gas, 2 1/2 hrs.

Total Depth. 4307' PB 4264'  
Comm. 6-13-48 Comp. 7-4-48  
Shot or Treated. Acidized,  
Contractor. South Oak Drlg. Co.  
Issued. 9-25-48

CASING:

8 5/8" 654' Cem w/325 Sx.  
5 1/2" 4300' Cem w/200 Sx.  
2 3/8" 4261'

Figures Indicate Bottom of Formations.

sand and shale 160  
shale and gumbo 360  
red bed and shale 545  
sand 557  
shale and redbed 615  
shale and shells 645  
shells 654  
shale and shells 2200  
lime and shale 2410  
lime, brkn 2515  
shale and lime 2705  
shale and shells 3255  
lime and shale 3355  
lime, brkn 3690  
lime 3710  
lime, brkn 3742  
lime 4143  
lime chert 4167  
lime 4205  
shale and sand 4208  
sand, hd 4213  
shale and sand 4221  
sand 4252  
chert and lime 4262  
shale and lime 4265  
lime, brkn 4300  
Lime, Arbuckle 4307  
total depth

Completion Data

Pumped water down tubing to wash mud out of casing. After cleared up, pumped 103 bbls. oil to displace wtr. After oil came to top started swabbing. Swabbed to bottom got back 60 bbls oil. Shut down. Filled up 1000' overnight but seemed to be very little fluid in casing. Swabbed 23 bbl. fluid and acidized with 500 gals. mud acid. Swabbed immediately. Swabbed balance of fluid back and well swabbed 5 bbl per hr. Shut down 7-10-48 at 4 P.M. 7-11-48 surf casing pressure 260#. Open ed tubing and well flowed 28 bbl. in 1 1/2 hrs., 2 1/2 bbls last 30 min. Filled hole 7-12-48. Acidized w/1000 gals. wash acid. Swabbed back fluid and well swabbed 5 bbls. oil per hr. Very little gas.

Acidized:

4201 to 4207, Mud acid 500 Gals.  
4217 to 4230, F-18, 100 Gals.

Schlumberger Log

Top Lansing 3680'  
B/K. C. 4024  
Mississippi Lime(top) 4080  
Top Viola Lime 4146  
Top Simpson Dolomite 4186  
Top Simpson Sand 4214  
Top Arbuckle 4296

Core Record

#1 4192' - 4208' 16'  
#2 4208 - 4221 13'  
#3 4221' 4225' 4'  
#4 4225 - 4232 6' 3"  
#5 4232' - 4234-1/2' 2-1/2'  
#6 4234-1/2' - 4236' 1-1/2'

Drill Stem Test on K.C. Lime Section

TD 3914', Packer set at 3890', 1/2"  
bottom choke - tool open 45 min.  
slight blow immediately and died,  
no gas. BHFP #. BHP #. Shut in 10 minutes. Recovered 30' salty oil and gas cut mud.