

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

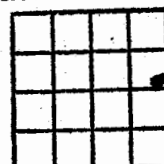
17-1-34W

Company- SKELLY OIL COMPANY
Farm- A. S. Cahoj No. 1

SEC. 17 T. 1 R. 34W
SE SE NE
330' fr EL, 330' fr SL
of NE/4

Total Depth. 4732' PB 4288'
Comm. 4-19-59 Comp. 5-15-59
Shot or Treated.
Contractor. Claude Wentworth Drlg. Co.
Issued. 8-29-59

County Rawlins
KANSAS



CASING:
8 5/8" 446' cem w/300 sx.
5 1/2" 4731' cem w/250 sx.

Elevation. 3159' DF

Production. 3000 BOPD

Figures indicate Bottom of Formations.

surface soil, clay & shale	200
shale	445
shale & sand	447
shale	1100
sand and shale	2270
shale	2345
sand	2425
shale	2685
sand and shale	2780
red bed	2790
Anhydrite	2803
red bed	2985
Anhydrite	3018
shale and sand	3040
shale	3250
shale and shells	3255
shale	3335
shale and lime	3385
shale	3700
shale and lime	3855
lime	3867
white, fine medium crystalline	
lime	3871
lime	3874
white fine medium crystalline	
lime	3884
lime	3890
lime and shale	3904
tan, dolomitic, granular	
fine crystalline lime	3916
lime	3921
white & granular & silty	
lime	3926
lime	3934
white shaly, dense lime	3943
lime	3950
lime	3982
cream, fine crystalline &	
oolitic lime	3986
lime	4000
lime and shale	4040
buff colored lime, crypto-	
crystalline	4052
lime and shale	4060
lime and shale	4064
tan, crypto-crystalline lime	4076
lime	4087
lime and shale	4146
buff, finely crystalline	
lime	4160
lime and shale	4182
cream lime	4190
lime	4199
gray, micro to fine crystalline	
lime	4208
lime	4226
lime and shale	4244
tan to finely crystalline	
lime	4260
lime	4262

cream colored, very coarse crystalline	
lime	4272
lime and shale	4338
cream, fine crystalline to dense	
lime	4345
lime and shale	4458
buff, fossiliferous & crystalline	
to dense lime	4464
lime	4480
lime, shale and sand	4644
medium crystalline lime	4646
lime	4668
lime	4700
white, very fine crystalline, fine	
sucrosic texture, quartzitic lime	4706
pink to clear quartzite	4718
pink & clear granite, fractured	4725
Cored from 4725 to 4731' Recovered 5'	
Cored from 4731 to 4732' Recovered 1'	
Total Depth	
Plugged back to 4288'	

TOPS:	
Niobrara	1120
Ft. Hays	1510
Base Ft. Hays	1567
Carlisle	1619
Greenhorn	1791
Dakota	1918
Morrison	2555
Permian	2721
Base Blaine	2744
Stone Corral	2978
Base Stone Corral	3014
Chase	3122
Council Grove	3393
Admire	3665
Topeka Lime	3840
Heebner Shale	3972
Leavenworth	3980
Lansing Lime	4030
Base Lansing-Kansas City	4300
Marmaton	4330
Cherokee Shale	4466
Cherokee Sand	4556
Mississippi Lime	4664
Weathered Quartzite	4696
Precambrian Quartzite	4712

Ran Schlumberger Survey.

DRILL STEM TESTS: HALLIBURTON

#1 packer set @ 3860', used 30' anchor
op 1 hr, wk bl for 4 mins., rec. 15' mud,
no oil. IBHP 1200#/20 mins., IFP 0#, FFP 10
FBHP 975#/20 mins.

(OVER)

#2 packer set @ 3890', used 60' anchor, op 2 hrs, wk bl thruout, rec. 270' muddy salt water w/slight show of oil specks, IBHP 1225#/30 mins., IFP 25#, FFP 200#, FBHP 905#/30 mins.

#3 packer set @ 3974', used 26' anchor, op 2 hrs., wk bl thruout test, rec. 120' muddy salt water w/slight specks of oil, 390' of salt water and no oil, IBHP 1125#/30 mins., IFP 30#, FFP 280#, FBHP 1090#/30 mins.

#4 packer set at 4040', used 20' anchor, op 1 hr, wk bl for 6 mins., rec. 2' of oil, 12' heavy oil cut mud, IBHP 1185# 30 mins., IFP 0#, FFP 35#, FBHP 930#/30 mins.

#5 packer set @ 4060', used 50' anchor, op 1 hr 15 mins., very strong blow thruout test, gas to surf. in 40 mins., rec. 3100' clean oil, 350' heavily oil cut mud, IBHP 1290#/30 mins., IFP 425#, FFP 1240#, FBHP 1280#/30 mins (oil 30 gravity).

#6 packer set @ 4146', used 44' anchor, op 1½ hrs, strong blow thruout test, gas to surf. in 1 hr & 30 mins., rec. 265' of clean gassy oil, 273' of very heavy oil & gas cut mud (36 gravity @ 62 degrees). IBHP 1275#/30 mins., IFP 65#, FFP 215#, FBHP 1210#/30 mins.

#7 packer set @ 4194', used 32' anchor, op 1½ hrs, good blow thruout test, rec. 1098' of gas, 233' of clean gassy oil (38.5° gravity at 79°). 211' of very heavily oil cut mud, IBHP 1265#/30 mins. IFP 65#, FFP 145#, FBHP 1185#/30 mins.

#8 packer set at 4240', used 20' anchor, op 1 hr, weak blow for 5 mins., rec. 10' of mud, slight oil specks, IBHP 15#/30 mins., IFP 0#, FFP 0#, FBHP 10#/30 mins.

#9 packer set @ 4262' used 10' anchor, op 1 hr, fairly good blow thruout test, rec. 519' of gas, 123' clean gassy oil (38° gravity at 79°), 90' heavy oil cut mud, IBHP 1290#/30 mins., IFP 20#, FFP 105#, FBHP 1265#/30 mins.

#10 packer set @ 4338', used 22' anchor, op 1 hr, wk bl for 5 mins., rec. 1' rotary mud, no oil, IBHP 0#/30 mins., IFP 0#, FFP 0#, FBHP 0#/30 mins.

#11 packer set @ 4452', used 28' anchor, op 1 hr, wk bl for 5 mins., rec. 10' mud, no oil, IBHP 50#/30 mins., IFP 0#, FFP 0#, FBHP 50#/30 mins.

#12 packer set @ 4588', used 80' of anchor, op 1 hr, strong blow, diminishing thruout test, rec. 352' of slightly oil specked mud & 1799' of slightly oil specked muddy salt water. IBHP 1105#/30 mins., IFP 50#, FFP 995#, FBHP 1075#/30 mins.

#13 packer set @ 4668', used 32' of anchor, op 1 hr 30 mins., wk bl thruout test, rec. 305' of slightly oil specked mud and 338' of muddy salt water, IBHP 1175# 30 mins., IFP 240#, FFP 335#, FBHP 1170# 30 mins., lost circulation while reaming at 4690', recovered circulation.

#14 packer set @ 4698', used 8' anchor, op 1 hr, wk blow for 6 mins., rec. 418' of mud, no oil, IBHP 1050#/30 mins., IFP 310#, FFP 320#, FBHP 930#/30 mins.

#15 packer set @ 4706', used 26' anchor, op 1 hr, weak blow for 5 mins., rec. 10' of mud, no oil., IBHP 1145#/30 mins., IFP 0#, FFP 0#, FBHP 1050#/30 mins.

Producing Formation Top Lansing Lime 4052', Bottom 4277'.

Perf. #1 4273-4277' 16 holes, no shows Treatment #1 Acidized between 4273-4277' 5-26-59, using 500 gals of acid & 105 barrels of oil.

Perf. #2 4267-4270' 12 holes. Treatment #2 Acidized between 4267-4270' 5-27-59, using 1100 gals. of acid & 103 barrels of oil.

Perf. #3 4232-4236' - 16 holes - slight show oil. 4227-4229' - 8 holes - hole filled to 500' of top w/oil in 30 mins.

Perf #4 4184-4191 28 holes Treatment #3 Acidized between 4184-4191' 5-29-59, using 1000 gallons of acid and 104 barrels of oil.

Perf. #5 4088-4093 - 20 holes - Tested 1/2 BO in 1 hr. 4083-4086' - 12 holes - 300' OIH in 1 hr.

Treatment #4 Acidized between 4083-4093' 5-30-59, using 1500 gals acid & 104 barrels of oil.

Perf. #6 4065-4072' - 28 holes - 250' OIH in 30 mins. 4052-4054' - 8 holes - 450' OIH in 1 hr.

Treatment #5 Acidized between 4052-4072' 5-30-59, using 1500 gals of acid & 104 barrels of oil.