

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

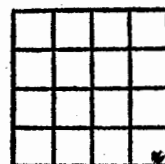
8-1-34W

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

SEC. 8 T. 1 R. 34W
SE SE SE
330' fr EL, 330' fr SL
of SE/4

Total Depth. 4677' PB 4274'
Comm. 5-20-59 Comp. 6-10-59
Shot or Treated.
Contractor. Claude Wentworth Drig.
Issued. 8-22-59

County Rawlins
KANSAS



CASING:

3 5/8" 446' cem w/300 sx.
5 1/2" 4661' cem w/300 sx.

Elevation. 3141' DF

Production. 3000 BOPD

Figures indicate Bottom of Formations.

surface soil, shale & sand	448	line, cream, coarse to dense	4302
shale	1200	line	4321
sand and shale	2270	line, white sucrosic, medium crystalline	4338
shale	2610		4346
sand and shale	2702	line, coarse crystalline to dense	4349
shale	3045	line	4453
shale and shells	3117	line, dense cream	4458
shale	3245	line	4542
shale and shells	3510	sand, quartzitic, heterogeneous, unconsolidated	4560
shale and lime	3806	lime	4645
lime, cream, dense	3826	chert, white, tripolitic	4655
lime	3832	chert	4660
lime, white, dense	3856	quartzite	4677
lime	3886	Total Depth	
lime	3920	Plugged back to 4274'	
dolomite, sandy	3926		
lime, dolomitic, dense crypto-crystalline	3935	TOPS:	
lime and shale	3975	-Niobrara	1114
lime, cream, oolitic	3985	-Ft. Hays	1506
lime	4018	-Base Ft. Hays	1557
lime, white, dense crypto-crystalline	4034	-Carlile	1610
lime	4036	-Greenhorn	1783
lime, white, dense to coarsely crystalline	4050	-Dakota	1910
lime	4056	-Morrison	2549
lime, crypto-crystalline	4066	-Permian	2718
lime, fossiliferous, shaly	4075	-Base Blaine	2743
lime	4076	-Stone Corral	2973
lime, cream colored	4086	-Base Stone Corral	3004
lime	4090	-Chase	3114
lime	4102	-Council Grove	3378
lime, white, dense to coarsely crystalline	4108	-Admire	3650
lime	4110	Topeka Line	3819
lime, cream coarse crystalline	4114	-Heebner Shale	3956
lime	4128	-Ft. Leavenworth	3964
lime, gray mottled, dense fossiliferous	4136	-Lansing Lime	4014
lime	4154	Base Kansas City	4284
lime, dense to coarsely crystalline	4156	Marmaton Line	4316
lime	4159	Cherokee	4445
lime	4168	Cherokee Sand	4534
lime, tan fossiliferous medium crystalline	4178	Mississippi Line	4640
lime	4210	Per-Cambrian Quartzite	4660
lime, cream, fine crystalline	4220		
lime	4231		
lime, tan, fine crystalline	4238		
lime	4245		
lime, cream coarsely crystalline	4249		
lime	4259		
lime, tan, medium crystalline	4263		
lime	4271		
lime, dense to coarsely crystalline	4274		
lime	4284		
lime, white, fine crystalline			
lime	4286		
lime and shale	4299		

Ran Schlumberger Survey.

DRILL STEM TESTS: HALLIBURTON

#1 Packer set at 3804' used 32' anchor,
op 1 hr, weak blow, dead in 7 mins. rec.
45' of mud, no oil, IBHP 1195#/30 mins.
IFP 0#, FFP 25#, FBHP 1010#/30 mins.

#2 packer set @ 3920', used 15' anchor,
op 1 hr, weak blow for 5 mins., rec. 8'
mud w/slight oil specks. IBHP 1245#/30 mins.
IFP 0#, FFP 0#, FBHP 1245#/30 mins.

(OVER)

#3 packer set @ 3975', used 10' anchor,
op 1 hr, fair blow thruout test, rec.
810' heavy oil specked salt water,
IBHP 1245#/30 mins, IFP 25%, FFP 390#,
FBHP 1140#/30 mins.

#4 packer set @ 4018', used 32' anchor,
op 1 hr, weak blow for 30 mins., rec. 30'
heavily oil cut mud, IBHP 1245#/30 mins.
IFP 25%, FFP 25%, FBHP 1120#/30 mins.

#5 packer set @ 4050', used 10' anchor,
op 1 hr, weak blow for 10 mins., rec. 1'
of oil, 4' oil cut mud, IBHP 405#/30 mins.
IFP 0%, FFP 0%, FBHP 80#/30 mins.

#6 packer set @ 4086', used 73' anchor,
op 2 hrs, weak blow throughout, rec. 120'
gas, 5' free oil (37° gravity at 60°).
25' very heavy oil cut mud, IBHP 620#/30
mins., IFP 0%, FFP 25%, FBHP 720#/30 mins.

#7 packer set @ 4160', used 71' anchor,
op 2 hrs., gas to surf. in 36 mins., strong
blow thruout test, rec. 3640' very gassy oil
(33.4° at 60°). and 60' of muddy oil,
IBHP 1320#/30 mins, IFP 390#, FFP 1290#,
FBHP 1320#/30 mins.

#8 packer set @ 4230', used 50' anchor,
op 1 hr, weak blow, dead in 5 mins. Rec.
6' oil cut mud, IBHP 1170#/30 min. IFP 0%,
FFP 0%, FBHP 750#/30 mins.

#9 packer set @ 4534', used 26' anchor,
op 1 hr, strong blow decreasing to weak
blow and dead in 35 mins., rec. 2455' of
muddy salt water w/few specks of oil,
IBHP 1115#/30 mins., IFP 440#, FFP 930#,
FBHP 1140#/30 mins.

Perf #1 4257-4260' 12 A-2 holes
Treatment #1 Acidized between 4257-4260'
6-16-59 by Halliburton, using 500 gallons
of acid and 104 barrels of oil.
Perf #2 4211-4222' 44 A-2 holes
Perf. #3 4184½-4187' 10 A-2 holes
4168-4174' 24 A-2 holes
Treatment #2 Acidized 4168-74' and 4184½-37'
6-17-59 by Halliburton, using 1500 gallons
of acid and 102 barrels of oil.
Perf. #4 4031-4032' 4 A-2 holes
4034-4042' 32 A-2 holes
Treatment #3 Acidized between 4031-4042'
6-18-59 by Halliburton, using 1500 gallons
of acid and 102 barrels of oil.

Producing Formation: Lansing Lime
Top 4031 Bottom 4260