

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

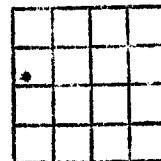
15-163-00740

Company- DAVIS BROS.
Farm- Posegate No. 1

SEC. 6 T. 10 R. 17W
SW SW NW

Total Depth. 3705'
Comm. 6-30-58 Comp. 7-14-58
Shot or Treated.
Contractor. Davis Bros.
Issued. 6-10-61

County Rooks
KANSAS



CASING:
8 5/8" 174' cem w/125 sx.
4 1/2" 3700' cem w/260 sx.

Elevation. 2120' RB

Production. 25 BOPD

Figures indicate Bottom of Formations.

COMPLETE DRILLERS LOG NOT AVAILABLE:

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| <p>3098-3102 poor pinpoint fine crystalline porosity. No shows.</p> <p>3114-3120 poor to fair oolitic & fossiliferous limestone. Trace light brown stain. Trace fine crystalline poor porosity.</p> <p>3179-3182 trace poor porosity fine crystalline limestone w/light stain.</p> <p>3208-14 limestone, white chalky & dense fine crystalline. Some fossiliferous & pinpoint porosity. Trace fossiliferous limestone w/good porosity. Trace saturation.</p> <p>3228-34 limestone, fine crystalline fossiliferous to chalky with spotted heavy black oil stain. Trace fossiliferous porosity.</p> <p>3248-52 limestone, white chalky fine crystalline w/poor pinpoint porosity. Light spotted stain.</p> <p>3282-85 limestone, white-grey granular. Poor porosity.</p> <p>3285-87 Same w/spotted stain. Trace saturation. Poor porosity.</p> <p>3287-92 limestone, white-gray granular to medium crystalline. Poor porosity.</p> <p>3292-94 Same w/spotted stain & trace porosity.</p> <p>3306-10 trace oolitic, stained limestone, poor porosity. Trace fossiliferous saturated limestone.</p> <p>3310-22 buff fossiliferous dense; white chalky & oolitic limestone. Some white fine crystalline dense limestone. Red & grey shale. Brown to pearl chert.</p> <p>3322-28 trace black live oil in fossiliferous limestone w/spotted stain, fair porosity.</p> <p>3341-42 trace fine crystalline limestone, poor pinpoint porosity w/spotted stain.</p> <p>3342-47 pearl white crypto crystalline dense hard limestone.</p> <p>3347-48 trace spotted stain, fossiliferous poor inter-fossil porosity.</p> <p>3348-53 White fine crystalline dense to chalky & pearl white crypto crystalline limestone.</p> <p>3359-61 fossiliferous medium crystalline sucrosic saturated fair porosity limestone. Show free oil.</p> <p>3363-64 fine crystalline to medium crystalline sucrosic limestone, poor porosity, but some pinpoint vugular fair porosity limestone w/fair spotted stain.</p> | <p>3364-68 white tight fine crystalline limestone & red & grey shale.</p> <p>3368-71 trace good porosity & large calcite crystals interbedded in sucrosic saturated fine crystalline fair porosity limestone. Vugular fossiliferous fair porosity limestone</p> <p>3381-86 white fine crystalline & fossiliferous limestone; grey fossiliferous limestone, fine crystalline Few spots stain. Some grey shale strk</p> <p>3386-88 fine crystalline, fossilifero spotted stain, poor pinpoint vugular porosity. Interbedded grey shale.</p> <p>3392-96 fine crystalline fossiliferous limestone, w/light stain, poor pinpoint vugular porosity. Trace saturated sucrosic & poor wormhole porosity in fine crystalline limestone. Trace stained chert.</p> <p>3396-98 white fine crystalline limestone, 10% pearl white chert, buff fine crystalline fossiliferous limestone.</p> <p>3402-06 oolitic & pseude-oolicastic limestone w/trace free brown oil & spotted stain.</p> <p>3406-16 fine crystalline white & light grey chalky dense limestone. White & pearl white fine crystalline limestone.</p> <p>3416-20 black shale</p> <p>3420-27 fine crystalline white to light grey limestone.</p> <p>3435-38 spotted stain to saturation grey & white, fine crystalline limestone. Poor inter-crystalline porosity.</p> <p>3448-52 white fine crystalline & peral white fine crystalline limestone, & grey chert.</p> <p>3444-48 spotted stain to saturation fine crystalline limestone. Trace fair vugular porosity. Light stain on grey chert facies.</p> <p>3461-67 limestone, fine crystalline & fossiliferous. Poor porosity. Some white fine crystalline chalky dense limestone.</p> <p>3467-69 Samples show spotted stain to saturation. Poor porosity.</p> <p>3477-83 limestone, buff-tan granular to fine crystalline fossiliferous and oolitic w/fair vugular to trace oolitic porosity, & 20% of samples saturated.</p> <p>3500-02 spotted stain to saturated fine crystalline fossiliferous & oolitic limestone, poor to fair porosity in samples.</p> |
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(OVER)

Davis Bros. #1 Dosogata
sec. 6-10=17W SW SW NW

71898

3502-10	white-pearl white & buff fine crystalline & crypto crystalline limestone. Interbedded gray shale.	#4 3379-3402', op 1 hr, weak 20 min blow. Flushed tool after 30 min. Rec. 13' drilling mud. ISIP 80#, FSIP 785#, IFP 20#, FFP 30#.
3510-14	fine crystalline dense saturated limestone, poor porosity. Trace oolitic limestone w/light stain good porosity.	#5 3400-3430', op 1hr, weak 40 min blow. Rec. 41' muddy salt water. ISIP 685#, FSIP 940#, IFP 20#, FFP 40#.
3520-23	limestone, fossiliferous granular to fine crystalline. Poor-fair porosity. Spotted stain to some saturation.	#6 3427-3460', op 1hr, weak 10 min blow. Rec. 25' drilling mud. ISIP 50#, FSIP 50#, IFP 20#, FFP 30#.
3523-29	white, pearl white, lgt grey & buff fine crystalline and crypto crystalline limestone.	#7 3451-3475', op 1 hr, weak 10 min blow. Rec. 13' drilling mud. ISIP 40#, FSIP 40#, IFP 20#, FFP 20#.
3529-40	shale, red, green, black micaceous, Few strks white dense limestone.	#8 3473-3537', op 2 hrs, fair 23 min blow then weakened-died in 45 min. rec. 40' oil cut mud. ISIP 880#, FSIP 70#, IFP 20#, FFP 30#.
3540-43	limestone, white fine crystalline to dense. Poor porosity.	#9 3607-3615', op 1/2 hr, weak 10 min blow - flushed tool. Rec. 18' oil specked mud, 1' free oil. ISIP 260#, FSIP 35#, IFP 10#, FFP 15#.
3543-53	chert, white, opaque to some weathered tripolitic w/some scattered black stain & slight show heavy black dead oil. Trace weathered chert w/black oil stain.	#9 3369 (wire line) D Zone packer failed.
3553-56	shale, red weathered soft.	#10 3359 (wire line) D. Zone op 30 min. Rec. 2 gallons water tested filtrate & formation water combination Trace of oil. Shut in 30 min. FBHP 1170# All flow pressures 120 pounds per square inch.
3556-77	chert, white to lgt gry vitreous partly oolitic. Some weathered chert as above w/a trace of black stain. Some vari-colored smooth chert.	#12 3479 (wire line) J Zone op 30 min. Rec. 3/4 gallon oil and 3/4 gallon filtrate water. All flow pressures 125#. Shut in 35 min. FBHP 1000#.
3577-86	chert, vari-colored.	#13 3521 (wire line) L Zone Packer failed.
3586-99	shale, red soft weathered. w/ included vari-colored chert.	#14 3286 (wire line) Toronto. op 30 min. rec. 1/2 gallon muddy water. Shut in 30 min. Tool plugged no pressures.
3599-3608	free black oil in poorly porous fine crystalline dolomite.	
3608-3620	shale, red & green weathered strks pyritic fine sandstone w/dead oil stain & buff granular dolomite.	
3620-3624	dolomite, yellow & brown medium crystalline w/a trace of black oil stain. Poor porosity.	
3624-3642	shale, green & red waxy w/a few strks buff granular dolomite.	
3652-3704	dolomite, tan fine-medium-coarse crystalline w/poor-fair porosity. Abundant oolitic chert. No show.	
Total Depth	3705'	
TOPS:		
Anhydrite (Driller)	1430	
Topeka	3046	
Heebner	3262	
Toronto	3282	
Lansing	3305	
Base Kansas City	3529	
Conglomerate	3543	
Simpson	3599	
Arbuckle	3652	

Ran Schlumberger Laterolog Survey.

DRILL STEM TESTS:

#1 3187-3257', op 1 hr, good blow for 1 hr. rec. 360' mdy salt water. ISIP 1370#, FSIP 1275#, IFP 50#, FFP 200#.

#2 3269-3332', op 1 hr, weak 30 min blow. rec. 25' muddy water. ISIP none, FSIP 510#, IFP 20#, FFP 20#.

#3 3330-3380', op 2 hrs, strong blow. rec. 210' gas, 115' heavy gas & oil cut mud. ISIP 175# (false) FSIP 900#, IFP 20#, FFP 60#.