

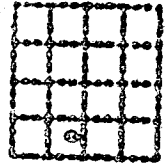
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg., Wichita, Kansas.

BAY PETROLEUM CORP.
Kempe "A" No. 2

SEC. 31 T. 10 R. 17W.
CEL SE SW

Total Depth, 3627
Comm. 9-9-40 Comp. 10-8-40
Shot or Treated. 1000 gal acid.
Contractor.
Issued. 12-14-40

County Rocks.



CASING.

13" 108'
85/8" 1340'
5 1/2" 3624'

Elevation.

Production Pot. 6268 B.

Figures Indicate Bottom of Formations.

surface clay	34
sand	72
shale	480
sand	510
shale and shells	725
shale	805
shale and shells	1055
shale shells and red rock	1330
anhydrite	1369
shale	1519
shale and shells	1718
shale lime streaks	1921
shale	1972
lime	2000
shale	2205
shale and lime	2254
lime	2380
lime & shale strks	2456
lime brown	2469
shale	2488
lime	2528
shale	2590
lime	2610
shale	2630
lime	2645
shale	2835
lime	2861
shale	2887
lime	3009
lime brown	3061
lime	3166
shale and lime	3216
lime	3600
shale	3624
lime	3625
dolomite	3627

Total Depth.

This is to certify that the foregoing is a true and correct log of the hereinabove described well to the best of my knowledge and belief.

[Signature]
Superintendent of Production.

Subscribed and sworn to before me this 15th day of January, 1941.

My Commission expires: 5-3-41.

[Signature]
Notary Public

NOV 07 1941

THE BAY PETROLEUM CORPORATION
Kempe No. 2-A

31
Sec. 31-Twp. 10 S-Rge. 17 W.
C E/2 SE/4 SW/4

Elevation: 2070

Rooks County, Kansas

2900-10 Grey lime and chalky lime, black and red shale
2910-20 Brown and black shale
2920-30 Black shale and grey lime
2930-40 Grey lime, partly crystalline
2940-50 Grey lime, partly crystalline
2950-60 Grey white lime, little porosity, brown and black shale
2960-70 Grey white lime, black shale
2970-80 Grey white to tan lime, partly fossiliferous
2980-90 Tan lime, drab green to black shale
2990-3000 Tan to grey white lime, grey shale
3000-10 Grey fossiliferous lime, grey and black shale
3010-20 Grey fossiliferous lime, grey and black shale, little white lime
3020-30 Grey and white lime, grey shale
3030-40 White lime
3040-50 White, grey white, and grey lime
3050-60 Grey and white lime, grey black shale
3060-70 White lime, grey fossiliferous to chalky lime
3070-80 Grey and white lime (trip)
3080-90 Grey and white lime
3090-3100 Grey white lime
3100-10 Grey white lime
3110-20 Grey white lime
3120-30 Grey white to tan granular lime, little porosity
3130-40 Grey white to tan granular lime, little porosity, no stain
3140-50 Grey white dense lime
3150-55 Grey white dense lime
3155-60 White lime, some chert
3160-65 No sample, circulated oil
3165-70 Dirty sample, mixed mud
3170-75 Dirty sample, mixed mud
3175-80 Dirty sample, mixed mud
3180-85 Dirty sample, mixed mud
3185-90 Dirty sample, mixed mud
3190-95 Dirty sample, mixed mud
3195-3200 White lime, black, brown, red, and grey shale
3200-05 Dense white lime
3205-10 Dense white lime
3210-15 White lime
3215-20 White to grey white lime and chert, black shale
3220-25 White and brown lime, dense
3225-30 White lime, grey and white chert, little porous lime, no stain
3230-35 White lime, grey and white chert, little porous lime, good porosity, light stain
3235-40 White to grey lime, brown, grey, and green shale
3240-45 White to grey lime, brown, grey, and green shale
3245-50 White lime and chert, Dodge lime
3250-55 White lime and chert, spotted stain, very small show of oil
3255-60 White lime, blue grey and red shale
3260-65 Grey white lime, blue grey and red shale
3265-70 Grey and white lime and chert, blue and red and brown shale
3270-75 Blue grey, brown, and red shale
3275-80 Blue grey, brown, and red shale, white lime
3280-85 Brown and red shale, white lime (trip)
3285-90 Brown and red shale, white lime
3290-95 White lime and chocolate brown shale
Top Lansing-Kansas City -- 3288
3295-3300 Chocolate brown shale, green shale, and white lime

RECEIVED
COMMISSION

NOV 07 1977

REGISTRATION DIVISION
Wichita, Kansas

32

3300-05	Blue grey and brown shale, buff lime
3305-10	Buff to white lime, brown and red shale
3310-15	Grey black and red shale (trip)
3315-20	Buff to white lime, shale caving
3320-25	White lime to buff, buff and white chert
3325-30	Buff white lime and grey green shale
3330-35	Grey and buff lime
3335-40	Grey shale, sticky
3340-45	Buff and grey lime, shale cavings
3345-50	Buff and white lime
3350-55	Buff and white lime, shale cavings
3355-60	Buff and white lime, partly oolitic
3360-65	White lime
3365-70	White and buff lime, dense oolitic lime
3370-75	White and buff lime
3375-80	White and buff lime
3380-85	White and buff lime
3385-90	White to buff lime and chert
3390-95	White to buff lime and chert
3395-3400	White to buff lime and chert
3400-05	White lime, mixed mud
3405-10	White lime, mixed mud
3410-15	White lime, mixed mud
3415-20	White lime, mixed mud
3420-25	White to buff lime
3425-30	White to buff lime
3430-35	Buff and white lime, mixed mud
3435-40	Buff and white lime, little porosity, light stain, very small show of oil
3440-45	White lime and grey shale
3445-50	Buff to white lime, partly oolitic, light stain
3450-55	White and grey white lime, grey shale
3455-60	White and grey white lime, grey shale
3460-65	White and grey lime and chert
3465-70	White and grey lime and chert
3470-75	Buff to white dense lime
3475-80	Buff to white lime, dense to rotten
3480-85	White lime, fair porosity, light stain, very small show of oil
3485-90	White to grey lime
3490-95	White, grey, and buff lime
3495-3500	Buff to white lime
3500-05	White to dense grey lime
3505-10	Dense light grey lime
3510-15	Dense light grey lime
3515-20	Grey white lime, red and grey shale
3520-25	Grey black and red shale
3525-30	Grey black and red shale, grey white lime
3530-35	Grey black and red shale, grey white lime
3535-40	Grey black and red shale, grey white lime
3540-45	Grey black and red shale, white oolitic lime, no porosity
3545-50	Grey and white lime, red, grey, and black shale
3550-55	Grey lime and varicolored shales
3555-60	Lime white, brown, green, and black shale
3560-65	White lime, brown, green, and black shale, Jasper and white chert, cherty conglomerate
3565-70	Lime white, brown shale, Jasper and pink chert, white chert
3570-75	Brown and green shale, pink, white, and grey chert
3575-80	Varicolored shales and chert, large rounded sand
3580-85	Varicolored shales and chert, large rounded sand
3585-90	Varicolored shales and chert, large rounded sand
3590-95	Red shale, grey and red chert, mostly white chert
3595-3600	White chert, red shale, green shale, bright, Simpson Top Simpson Shale -- 3598
3600-05	White chert, red shale, green Simpson shale (trip)
3605-10	Simpson blue green shale, Simpson green dolomite, Simpson green sand and sandy shale

RECEIVED
STATE COMMISSIONER OF GEOLOGY

NOV 07 1977

CONCERN WITH BY 2001
170112, Kansas

3610-15

Simpson dolomite, coarse to medium crystalline, white to light green, stain of oil, fair porosity, Simpson blue green shale, some sand grains, rounded, pyrite in dolomite

Top Dolomite -- 3602

3615-20

Dolomite, saturation, medium crystalline, fair porosity test, dolomite white to light green, green shale (test 3603-08)

3620-22

White to green simpson dolomite, fair saturation, fair porosity, simpson green shale (looks like long simpson dolomite section)

Circulating

30 minutes: Simpson green shale, simpson dolomite, spotted saturation and porosity, considerable rounded sand (very little pyrite in sand or shale)

1 hour: Green shale, little rounded sand, little pyrite, simpson dolomite (less dolomite, more shale)

1 1/2 hours: Simpson green shale, dolomite, white and green rounded clear to frosted sand

3622-25

Circulating

1/2 hour from 3622 after 12-minute drilling time: Simpson green shale, sand rounded, simpson dolomite

1 hour from 3622: Simpson green shale with pyrite and sand, sand cemented with pyrite, simpson dolomite, no odor

1 1/2 hours: Arbuckle dolomite, green shale, sand, and Simpson dolomite, some saturation and fair porosity in Arbuckle

2 hours: Arbuckle dolomite, green shale, sand, and Simpson dolomite, some saturation and fair porosity in Arbuckle

Top Arbuckle -- 3623

Set pipe -- 3624

Drill out plug

3625-26

Medium crystalline dolomite, stain of oil, white chert

3626-27

Medium crystalline dolomite, fair porosity and saturation, white chert

Acidized with 1000 gallons of acid

Completed, echometer potential of 6200 barrels for maximum well

NOV 07 1917
GERRIT SMITH
Wichita, Kansas