

11-24-13W

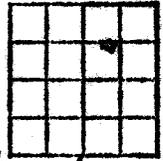
WELL LOG BUREAU-- KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - ALKAY OIL COMPANY
Farm - Gray No. 2

SEC. 11 T. 24 R. 13W
CEL W/2 NE

Total Depth. 3876' PB 3789
Comm. 10-5-46 Comp. 10-26-46
Shot or Treated. Acid. w/3000 gals.
Contractor.
Issued. 1-18-47

County. Stafford
KANSAS



Elevation. 1916 feet

CASING:
8-5/8" 750' Cem
5-1/2" 3752' Cem

Production. 305 bbls. 8% wtr.

Figures Indicate Bottom of Formations.

sand	250	lime & shale	3662
red rock	450	lime sft stains por.	
shale & shells	605	wtr.	3667
sand	620	lime & shale	3703
shale & shells	740	lime wh colitic sft	
anhydrite	790	por. wtr	3714
red rock, shale & shells	995	lime & shale	3741
shale & shells	1375	lime	3750
salt & shells	1565	shale	3755
sand lime & shale	1700	lime hrd spotted sat.	
lime & shale	1770	poor por.	3759
lime shells	1908	lime & shale	3768
lime & shale	1975	lime spotted sat.	
lime	2010	poor por.	3777
lime & shale	2075	lime hrd	3803
shale	2109	lime & shale	3816
lime & shale	2230	lime hrd	3832
lime	2340	shale	3845
lime & shale	2415	cherty dolomite & chert stain	3873
shale & shells	2510	chert	3876
lime	2540	Total Depth	
lime & shell	2745	P.B. to 3789 (5 1/2' of	
lime	2825	crushed rock, 4' of sand	
lime & shale	3035	& 8' of calseal)	
lime gy	3090		
shale	3098		
lime	3188	Filled up 75' cil in 17	
lime sdy sft	3210	hrs. Estimated 1-BOPD nat.	
lime	3260		
lime & shale	3330		
lime	3390	Tops:	
shale & lime	3401	Topeka	3035
shale	3480	Kansas City	3533
lime cherty hrd	3495	Viola	3845
red rock & shale	3505		
lime	3516		
red & blue shale	3533		
lime gy	3559		
lime gy-spotted			
sat. & por.	3567		
lime & shale	3577		
lime, stain & spotted			
sat.	3585		
lime & shale	3592		
lime hrd. Drk spotted			
stains	3594		
lime hrd	3606		
lime drk spotted stains			
slight por.	3611		
lime hrd	3614		
lime & chert	3622		
lime spotted stains			
slight por. wtr	3631		
lime & chert	3639		

3741 - 3750	Lime
3750 - 3755	Shale
3755 - 3759	Lime - hard. Spotted saturation - poor porosity
3759 - 3768	Lime & shale
3768 - 3777	Lime. Spotted saturation - poor porosity
3777 - 3803	Lime - hard
3803 - 3816	Lime & shale
3816 - 3832	Lime - hard
3832 - 3845	Shale
	Viola @ 3845'
3845 - 3873	Chert & cherty dolomite. Stains
3873 - 3876	Chert
3876	Total Depth
3789	P.B. (5 1/2' of crushed rock, 4' of sand & 8' of calseal)

Filled up 75' oil in 17 hours. Estimated 1-BOPD natural.

Acidized with 3000 gallons.

Casing Record

8 5/8" - 750'	Cemented
5 1/2" - 3755'	Cemented

Lasmo

11-24-13W
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ALKAY OIL COMPANY

GRAY #2

C-1/2-W/2-NE 11-24S-13W

Stafford County, Kansas

Commenced: 10-5-46
Completed: 10-26-46
I.P. 385 Barrels. 8% water
Effective 11-27-46

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

JUN 22 1988

0 - 250	Sand
250 - 450	Red rock
450 - 605	Shale & shells
605 - 620	Sand
620 - 740	Shale & shells
740 - 790	Anhydrite
790 - 995	Red rock, shale & shells
995 - 1375	Shale & shells
1375 - 1565	Salt & shells
1565 - 1700	Sand lime & shale
1700 - 1770	Lime & shale
1770 - 1908	Lime shells
1908 - 1975	Lime & shale
1975 - 2010	Lime
2010 - 2075	Lime & shale
2075 - 2109	Shale
2109 - 2230	Lime & shale
2230 - 2340	Lime
2340 - 2415	Lime & shale
2415 - 2510	Shale & shells
2510 - 2540	Lime
2540 - 2745	Lime & shell
2745 - 2825	Lime
2825 - 3035	Lime & shale Topeka @ 3035'
3035 - 3090	Lime - gray
3090 - 3098	Shale
3098 - 3188	Lime
3188 - 3210	Lime - sandy, soft
3210 - 3260	Lime
3260 - 3330	Lime & shale
3330 - 3390	Lime
3390 - 3401	Lime & shale
3401 - 3480	Shale
3480 - 3495	Lime - cherty, hard
3495 - 3505	Red rock & shale
3505 - 3516	Lime
3516 - 3533	Red & blue shale Kansas City @ 3533
3533 - 3559	Lime - gray
3559 - 3567	Lime - gray, Spotted saturation & porosity
3567 - 3577	Lime & shale
3577 - 3585	Lime, Stain & spotted saturation
3585 - 3592	Lime & shale
3592 - 3594	Lime - hard, Dark spotted stains
3594 - 3606	Lime - hard
3606 - 3611	Lime, Dark spotted stains - slight porosity
3611 - 3614	Lime - hard
3614 - 3622	Lime & chert
3622 - 3631	Lime, Spotted stains - slight porosity, water
3631 - 3639	Lime & chert
3639 - 3662	Lime & shale
3662 - 3667	Lime - soft, Stains - porous, water
3667 - 3703	Lime & shale
3703 - 3714	Lime - white, oolitic, soft. Porous - water
3714 - 3741	Lime & shale