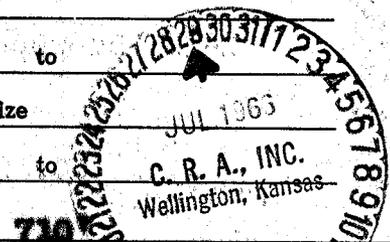


WELL RECORD

AUG 3 1966

Well No. 31 Farm Woodward Producer CRA, Inc.
 Location 1200' NSL 1400' EWL NW 1/4 Sec. 13 Twp. 25 Rg. 21E
 Elevation _____ State Kansas County Bourbon
 Kind (Oil, Gas, Water, Dry Hole) _____ Contractor Acc-HI Exploration Company
 Producing formation _____ Top _____ Bottom _____
 Shot with _____ qts. _____ from _____ to _____
 Packer Set at _____ Kind _____ Size _____
 Liner _____ from _____ to _____ Perforated from _____ to _____



LOG

Thick-ness	Strata	Depth	Thick-ness	Strata	Depth
20.5	Surface	3085		Core #2	
62.5	lime	83		(659-667) 8'	
2	Coal	85	4	Oil sand	663
22	lime	107	4	Shale	667
33	Shale	140			
23	lime	163			
110	Shale	273	43	Shale	710
11	lime	284			
23	Shale	307			
2	lime	309			
62	Shale	371			
64	Shale	435			
16	lime	451			
6	Shale	457			
8	lime	465			
161	Shale	626			
7	Sand & gas	633			
	Core #1				
	(633-659) 26'				
5.5	Gas sand	638.5			
1.5	Shale	640			
8	Oil sand	648			
1	Shale	649			
5	Oil sand	654			
3	Shale	657			
2	Oil sand	659			

Total Depth 710

Open Hole _____

Casing 8 5/8" at _____

Casing _____ at _____

Casing _____ at _____

Cement ed to the top by Halliburton.

Tubing _____

Rods _____

Additional Information

All measurements taken from ground level.

Date Completed July 14, 1966

O. K.

Superintendent