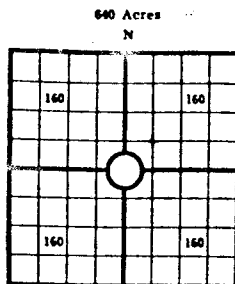


OPERATOR John O. Farmer, Inc.

ADDRESS Box 352, Russell, Ks.

FORMATION RECORD

Give detailed description and thickness of all formation drilled through, contents of sand, whether dry, water, oil or gas.



COUNTY Graham, SEC. 1, TWP. 8S, RGE. 25W  
 COMPANY OPERATING John O. Farmer, Inc.  
 OFFICE ADDRESS Box 352, Russell, Ks.  
 DRILLING STARTED 5/24/70, DRILLING FINISHED 5/30/70  
 DATE OF FIRST PRODUCTION \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 WELL LOCATED NW 1/4 NW 1/4 NW 1/4 440' East, West of North line  
 Line and 440' ft. East South line of Quarter Section  
 Elevation (Relative to sea level) DERRICK FLOOR 2417 GROUND 2414  
 CHARACTER OF WELL (Oil, gas or dryhole) Dryhole

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1			4		
2			5		
3			6		

Perforating Record If Any

Shot Record

Formation	From	To	No. of Shots	Formation	From	To	Size of Shot

CASING RECORD

Amount Set								Amount Pulled		Packer Record	
Size	Wt.	Thds.	Make	Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make

Liner Record: Amount \_\_\_\_\_ Kind \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

CEMENTING AND MUDDING

Size	Amount Set	Sacks	Chemical	Method of	Amount	Mudding	Results
Ft.	In.	Cement	Gal.	Make	Cementing	Method	(See Note)
8 5/8"	201'	130	sx.	cement			

Note: What method was used to protect sands if outer strings were pulled? \_\_\_\_\_

NOTE: Were bottom hole plugs used? \_\_\_\_\_ If so, state kind, depth set and results obtained \_\_\_\_\_

TOOLS USED

Rotary Tools were used from 0 feet to R.T.D. Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Type Rig Rotary

INITIAL PRODUCTION TEST

Describe initial test: whether by flow through tubing or casing or by pumping \_\_\_\_\_

Amount of Oil Production \_\_\_\_\_ bbls. Size of choke, if any \_\_\_\_\_ Length of test \_\_\_\_\_ Water

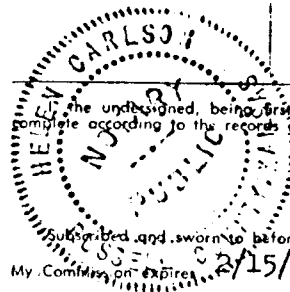
Production \_\_\_\_\_ bbls. Gravity of oil \_\_\_\_\_ Type of Pump if pump is used, describe \_\_\_\_\_

Formation	Top	Bottom	Formation	Top	Bottom
Surface		205			
Shale	205	975			
Shale sand	975	1730			
Sand	1730	1900			
Redbed sand	1900	2142			
Anhydrite	2142	2200			
Shale shells	2200	2700			
Shale lime	2700	3515			
Lime shale	3515	3805			
Lime	3805	3920			
Lime shale	3920	3980			

Tops

Sample Tops

Heebner 3713'  
 Toronto 3733'  
 Lansing 3751'  
 Base Kansas City 3968'  
 Total Depth 3980'



1st

Name and title President of company

day of June, 19 70

Helen Carlson

Notary Public.

35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1  
 SEC. 1, TWP. 8S, RGE. 25W  
 COUNTY Graham  
 WELL NO. 1  
 NAME 1970 SANGER  
 East Murdock  
 Wichita, Kansas