

11-33-8W

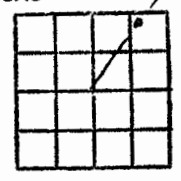
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- MUSGROVE PETROLEUM CORP.
Farm- Holland No. 1

SEC. 11 T. 33 R. 8W
NW NE NE

Total Depth. 4973'
Comm. 2-7-57 Comp. 2-23-57
Shot or Treated.
Contractor. Musgrove Petroleum Corp.
Issued. 4-12-58

County Harper
KANSAS



Elevation. 1404' KB

Production. Dry

CASING:

8 5/8" 220' cem w/175 sx.

Figures indicate Bottom of Formations.

soil, sand, stone	60
red bed	225
red bed, shale & shells	525
shale & shells	1250
shale & lime strks	1450
shale & lime	1616
lime	1770
lime & shale	3387
lime & shale streaks	3455
lime & shale	3636
lime	3720
sand	3820
shale	3895
lime & shale	4020
lime	4425
lime & shale	4525
lime & chert	4550
cherty lime	4590
chert	4595
cherty lime	4765
lime	4849
lime & shale	4925
lime	4963
sand	4973 RTD
Total Depth	

TOPS:

Heebner	3412
Stalnaker	3417
Lansing, Kansas City	4988
Marmaton	4187
Cherokee	4436
Mississippi Chat	4526
Kinderhook	4818
Chattanooga	4892
Viola	4918
Simpson	4956
Simpson Sand	4963

CONTRACTOR'S WELL LOG

COMPANY:	Musgrove Petroleum Corporation
CONTRACTOR:	Musgrove Petroleum Corporation
FARM:	HOLLAND #1
LOCATION:	NW NE NE, Sec. 11-33S-8W Harper County, Kansas
COMMENCED:	February 7, 1957
COMPLETED:	February 23, 1957

0	60	Soil, sand, stone
60	225	Red bed
225	525	Red bed, shale & shells
525	1250	Shale & shells
1250	1450	Shale & lime streaks
1450	1616	Shale & lime
1616	1770	Lime
1770	3387	Lime & shale
3387	3455	Lime & shale streaks
3455	3636	Lime & shale
3636	3720	Lime
3720	3820	Sand
3820	3895	Shale
3895	4020	Lime & shale
4020	4425	Lime
4425	4525	Lime & shale
4525	4550	Lime & chert
4550	4590	Cherty Lime
4590	4595	Chert
4595	4765	Cherty lime
4765	4849	Lime
4849	4925	Lime & shale
4925	4963	Lime
4963	4973	Sand
4973		Rotary Total Depth

Set 8-5/8" surface casing at 220' w/175 sx cement, 2% calcium chloride.

Dry and Abandoned

ELEVATION:	1404' K. B.	Miss Chat	4526'	(-3122)
Heebner	3412' (-2008)	Kinderhook	4818'	(-3314)
Stalnaker	3417' (-2310)	Chattanooga	4892'	(-3488)
Lans./K.C.	3 4988' (-2554)	Viola	4918'	(-3514)
Marmaton	4187' (-2783)	Simpson	4956'	(-3552)
Cherokee	4436' (-3032)	Simpson Sand	4963'	(-3559)

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

I, EMIL E. BOWERS, do hereby certify that the above and foregoing is a true and correct copy of the log of the HOLLAND #1, NW NE SE of Sec. 11-33S-8W, Harper County, Kansas, as reflected by the files of the Musgrove Petroleum Corporation.

MUSGROVE PETROLEUM CORPORATION

BY Emil E. Bowers
 Secretary-Treasurer

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas, this 28th day of February, 1957.

STATE COURT

Leah Joyce Hyde
 Notary Public

My commission expires June 16, 1959.

CONSERVATION COMMISSION
 Wichita, Kansas

PLUGGING
 FILE SEC 11 T 33 R 8W
 BOOK PAGE 143 LINE 6