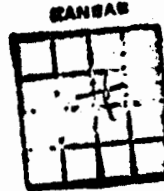


KANSAS GEOLOGIC
508 East Mu.
Wichita, Kansas

DEC 3 1971



3-28-21W
CSW NE
3-28-21W

DRILLER'S LOG

COMPANY: Halliburton Oil Producing Co., 117 Cameron Bldg., Okla. City, Okla. 73106
CONTRACTOR: Hellar Drilling Company, Inc., Wichita, Kansas 67202
LEASE: #1 Young "A"
LOCATION: c SW NE 3-28S-21W, Ford County, Kansas
COMMENCED: November 5, 1971
COMPLETED: November 20, 1971
Casing: Set 8 5/8" Surface Casing @ 429'w/350 sacks cement

D & A

2334KB

		LOG TOPS	DEPTH
0-30	Sand		
30-240	Shale	ANHY	1333
240-564	Shale & Sand	B ANHY	1350
564-583	Blaine	HEEB	4126
583-787	Shale	BR LM	4266
787-1150	Shale & Shells	LANS	4274
1150-1333	Shale & Red Bed	BKC	4716
1333-1370	Cimm. Anhydrite	CHER	4825
1370-1465	Red Bed & Shells	CHERTY CONG	4926
1465-1890	Red Bed, Shale & Shells	MISS	4984
1890-2445	Salt Section	RTD	5038
2445-2660	Anhydrite & Shells	LTD	5040
2660-3410	Lime & Shale		
3410-3570	Lime		
3570-3675	Lime & Shale		
3675-4165	Lime		
4165-4296	Lime & Shale		
4296-4355	K. C.		
4355-4719	Lime		
4719-4767	Cherty Lime		
4767-4934	Lime		
4934-4953	Miss.		
4953-4990	Lime		
4990-5000	Miss.		
5000-5038	Lime - Miss.		
5038	Rotary Total Depth		

D & A

STATE OF KANSAS

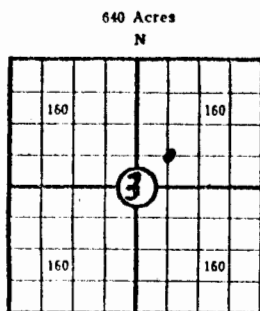
COUNTY OF SEDGWICK

I, D. L. Hellar, do hereby certify that the above and foregoing is a true and correct

WELL RECORD

3-28-21W

(Mail to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209)



Lease Name: Young "A" Well No. 1
 Well Located: Ford County
SW NE SEC 3 TWP 28S RGE 21W
 Operator: Halliburton Oil Producing Company
 Address: 117 Cameron Bldg., Oklahoma City, Oklahoma
 Elevation: Ground 2329 D.F. 2331 K.B. 2334
 Type Well: (Oil, gas, dry hole) Dry Hole

Drilling Commenced: 11-5 19 71 Drilling Completed: 11-20 19 71
 Well Completed: 11-20-71 19 71 Total Depth 5040
 Initial Production: None

Casing Record

Size: 8 5/8" Set at 429' Size: Set at
 Size: Set at Size: Set at

Liner Record

Size: Set from To

Cementing

Casing Size	Sacks	Type Cement and Additives
<u>8 5/8</u>	<u>350</u>	<u>Pozmix</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

PerforationsFormationPerforated Interval and Number Shots

Formation	Perforated Interval and Number Shots
<u> </u>	<u>None</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Electric Log Run (Show type log and depths covered)

GRN Surface - T.D.

3-28-21W

Formation

Top

Bottom

Show Drill Stem Tests,
Well Stimulation and
Production Tests

3-28-21w

Anhydrite
Topeka
Queen Hill
Heebner
Toronto
Douglas
Brown Lime
Lansing
Cherokee
Erosional Miss.

1333
3900
3970
4126
4146
4168
4266
4273
4847
4984

1350
4157

4708
5040

1 DST 4913-4934 - 20' mud
2 DST 4913-4953 - 30' mud
3 DST 4958-5000 - 50' mud

T.D.



0-30	Sand
30-240	Shale
240-564	Shale & Sand
564-583	Blaine
583-787	Shale
787-1150	Shale & Shells
1150-1333	Shale & Red Bed
1333-1370	Cimm. Anhydrite
1370-1465	Red Bed & Shells
1465-1890	Red Bed, Shale & Shells
1890-2445	Salt Section
2445-2660	Anhydrite & Shells
2660-3410	Lime & Shale
3410-3570	Lime
3570-3675	Lime & Shale
3675-4165	Lime
4165-4296	Lime & Shale
4296-4355	K. C.
4355-4719	Lime
4719-4767	Cherty Lime
4767-4934	Lime
934-4953	Miss.
4953-4990	Lime
4990-5000	Miss.
5000-5038	Lime - Miss.
5038	Rotary Total Depth

D & A