

KANSAS CORPORATION COMMISSION

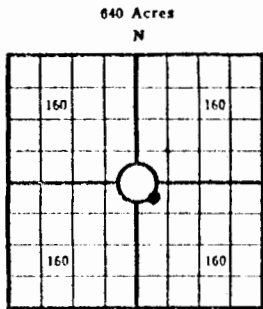
WELL RECORD

38-8-33W

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

"Intent" has sec. 36

API #15-193-20, 040



Locate well correctly

Lease Name: Leak <sup>sec 36</sup> Well No. 1 *h*  
 Well Located: Thomas County Kansas  
NW NW SE SEC 33 TWP 8S RGE 33W  
 Operator: National Oil Company  
 Address: 200 W. Douglas, Suite 550, Wichita, Kansas  
 Elevation: Ground 3145' D.F. ----- K.B. 3150'  
 Type Well: (Oil, gas, dry hole) Dry Hole

Drilling Commenced: 1/13 1972 Drilling Completed: 1/24 1972  
 Well Completed: ----- 1972 Total Depth 4780'  
 Initial Production: -----

Casing Record

Size: 8 5/8" Set at 340' 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>225 sx</u>	<u>Common &amp; 3% cc</u>
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Perforations

Formation	Perforated Interval and Number Shots
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Electric Log Run (Show type log and depths covered)

OK Log - from 0' to 4772'  
Radiation-Guard Log - from 0' to 4772'(gamma)

Show Drill Stem Tests,  
Well Stimulation and  
Production Tests

Formation      Top      Bottom

Shale & Sand	0	350
Shale	350	2295
Shale & Hv.Mud	2295	2325
Blane Anhydrite	2325	2345
Shale & Hv.Mud	2345	2485
Shale & Hv.Mud	2485	2600
Shale	2600	2742
Anhydrite	2742	2774
Shale & Lime	2774	3560
Lime	3560	4780

DST #1: 4520-4560 - OP:1 hr, SI:30"  
Recovered 20' mud - FP:27-36#, FSIP:631#  
DST #2: 4608-36 - OP:1 hr, SI:30" - Rec.  
25' mud - flow pressure: 27-36, FSIP:234#  
DST #3: 4660-85 - OP:1hr, SI:30" - FP:18-36  
FSIP:54# - Recovered 30' Rotary mud.

LOG TOPS      DEPTH

LKC	4136
BKC	4386
MARM	4436
CHER	4566
ERO Miss	4724
CL Miss	4728
LTD	4780



hb8LS