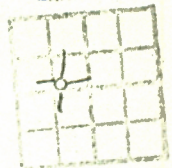


Winters & Associates  
 553 E. 12th St.  
 Wichita, Kansas  
 Phone: 253-1212

34-33-1E

34-33-1E



**CASING RECORD**

8 5/8"

255' Cemented  
 w/175 sacks

Location: SW SE NW  
 Section: 34-33S-1E  
 Sumner County, Kansas  
 Farm: Herman Wolf #1

Well Owner: Papke-King & National Oil Co.  
 Contractor: WHITE & ELLIS DRILLING, INC.  
 Commenced: 1-12-72  
 Completed: 1-29-72

Total Depth 4013'

**KELLY BUSHING MEASUREMENT 5' ABOVE GROUND LEVEL**

D & A  
 EL 1253

FORMATION	DEPTH
Sod & Clay	0-25
Sand	55
Shale & Lime	295
Shale	840
Lime, Sand, & Shale	1225
Lime & Shale	1390
Shale	1790
Shale & Lime-	1990
Lime	2060
Shale & Lime	2280
Shale	2410
Shale & Lime	3020
Sand & Shale	3095
Shale & Lime	3119
Lime	3260
Sandy Shale	3320
Shale & Lime	3325
Lime	3469
Shale & Lime (Stks.)	3600
Shale & Lime	3642
Lime	3998
Sand	4008
Shale	4013

**DRY HOLE**

**PLUGGED & ABANDONED**

LOG TOPS	DEPTH
WIN	535
IATAN	2580
STAL	2610
B STAL	2720
LAY SH	3022
1st LAY SD	3050
2nd LAY SD	3070
B 2nd LAY SD	3119
KC	3208
BKC	3286
CLEV ZN	3300
SDY SH	3314-30
MARM	3378
CHER	3518

TOPS

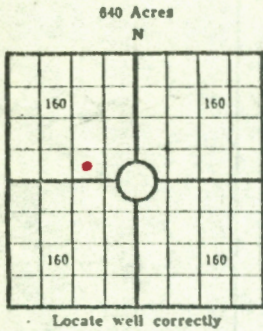
Kansas City	3119
Mississippi	3642
Simpson	3998

KANSAS CORPORATION COMMISSION

34-33-1E

WELL RECORD

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



Lease Name: Wolf Well No. 1  
 Well Located: Sumner County, Kansas  
SW SE NW SEC 34 TWP 33 RGE 1E  
 Operator: National Oil Company  
 Address: 200 W. Douglas, Suite 550, Wichita, Ks.  
 Elevation: Ground 1248 D.F. 1250 K.B. 1253  
 Type Well: (Oil, gas, dry hole) Dry Hole

Drilling Commenced: 1/12 19 72 Drilling Completed: 1/29 19 72  
 Well Completed: 19 Total Depth 4009'  
 Initial Production: \_\_\_\_\_

Casing Record

Size: 8 5/8" Set at 254' 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>175sx.</u>	_____
_____	_____	_____
_____	_____	_____

Perforations

Formation	Perforated Interval and Number Shots
_____	_____
_____	_____
_____	_____

Electric Log Run (Show type log and depths covered)

Radiation-Guard Log - from 0-4002'

34-33-1E

Well Stimulation and  
Production Tests

34-32-1E

Formation	Top	Bottom
Sod & Clay	0	25
Sand	25	55
Shale & Lime	55	295
Shale	295	840
Lime, Sand, Sh.	840	1225
Lime & Shale	1225	1390
Shale	1390	1790
Shale & Lime	1790	1990
Lime	1990	2060
Shale & Lime	2060	2280
Shale	2280	2410
Shale & Lime	2410	3020
Sand & Shale	3020	3095
Shale & Lime	3095	3119
Lime	3119	3260
Sandy Shale	3260	3320
Shale & Lime	3320	3325
Lime	3325	3469
Shale & Lime	3469	3600
Shale & Lime	3600	3642
Lime	3642	3998
Sand	3998	4008
Shale	4008	4013

DST #1: 3646-3658 - 15,30,45,30, Rec. 730' of Salt Water - BHP's 1376 and 1362, FP's 60 to 170, and 190 to 391 -

DST #2: 3994-4009 - 15,30,45,30, - Recovered 120' of salt water - IBHCIP:1440 psi, FBHCIP: 1440 psi - FP's 15-79, IHH:2003, FHH:1987.



34-32-1E