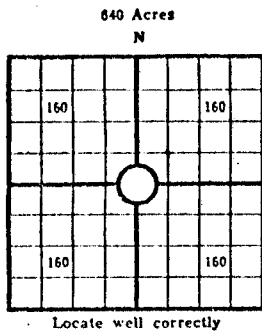


KANSAS CORPORATION COMMISSION

WELL RECORD

ail to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209)



Lease Name: Dunlap Well No. 1
 Well Located: Seward County, Kansas
C W/2 E/2 SEC 16 TWP 34S RGE 34W
 Operator: Leben et al
 Address: 200 West Douglas, Wichita, Kansas
 Elevation: Ground 2941 D.F. 2949 K.B. 2952
 Type Well: (Oil, gas, dry hole) ~~Oil~~ GAS

(corrected)
 June 30, 12

Drilling Commenced: 1-28 19 71 Drilling Completed: 2-15 19 71
 Well Completed: 2-15 19 71 Total Depth 6600'
 Initial Production: _____

Casing Record

Size: 8 5/8" Set at 1646' 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>800</u>	<u>200 sx. comm 2% Cem. Chl.</u>
_____	_____	_____
_____	_____	_____

Perforations

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

Electric Log Run (Show type log and depths covered)

Show Drill Stem Tests,
Well Stimulation and
Production Tests

Formation	Top	Bottom	
Herrington	2626		DST #1 5144-80/150" Gas to surface in 13", 77 MCF/20", 68 MCF/30" Reopen with 101 MCF/30", 106 MCF/60", 110 MCF/120" Rec. 90' gas cut mud, 530' water, FP 39-92# 105-237# ISIP 1632#/60" FSIP 1619#/60"
Upper Krider	2648		
Lower Krider	2683		
Winfield	2735		
F. Riley	2792		DST #2 6063-93/90" 30" preflow with weak blow, Reopen with weak blow thruout, Rec. 700' gas in pipe, 20' gas cut mud FP 26-26# FP 26-26# ISIP 359#/60# FSIP 359#/60"
Wreford	2944		
Council Grove	2974		
Heebner	4277		DST #3 6486-6556/120" preflow/30" with strong blow, Reopen with gas to surface in 10" too small to measure, Rec. 20' slightly gas cut mud, FP 23-23# 23-23# ISIP 1991#/60" FSIP 1683#/60"
Toronto	4295		
Lower Toronto	4342		
Lansing	4410		DST #5 (hook straddle) 5098-5150/120" Gas to surface in 4", 10"/480 MCF, 30"/599 MCF, Reopen with 700 MCF/30" 729 MCF/90" Rec. 300' gas cut mud, FP 170-170# 170-170# ISIP 1634#/60" FSIP 1634#/60"
Marmaton	5121		
Cherokee	5513		
Morrow Shale	5796		DST #6 (hook straddle) 4326-50/30" Preflow 30" with gas to surface in 8", 20"/94 MCF, 30"/141 MCF, hook gave away, Rec. 200' gas cut mud, FP 65-91#.
L/ Sand Zone	6042		
Chester	6091		
Ches. Sd. Zone	6310		DST #7 (hook straddle) 2688-2704/60" Preflow/30" weak blow, Reopen with weak blow thruout, Rec. 330' watery mud, FP 26-104# 104-143# ISIP 235#/45" FSIP 235#/45"
St. Genevieve	6380		
St. Louis	6454		

WELL LOG

Company Leben Drilling, Inc.

Contractor Leben Drilling, Inc.

Farm Dunlap #1

Total Depth 6600' RTD

Commenced 1-28-71

Completed 2-18-71

Sec. 16 T. 34S R. 34W

Loc. C W/2 E/2

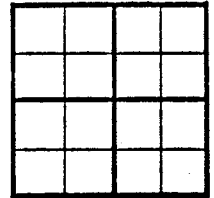
County Seward

Casing 5/8" 24# new casing set @ 1646'
cemented w/800 50/50 pos. mix 6% Gel 2% CC
Production 200 sx comm 2% CC

Producer

1,552,000 CF6PD

mm.
Sip 1300*



Figures Indicate Bottom of Formations

170
1070
1630
1646
2215
2496
5495
5682
5750
6093
6440
6492
6575
6600
6600

Sand
Sand & Red Bed
Shale, Sand & Anhydrite
Shale & Anhydrite
Anhydrite & Shale
Shale & Lime
Lime & Shale
Shale & Lime
Lime & Shale
Shale & Lime
Lime
Lime & Shale
RTD

Long Japs

* anhydrite

* B. "

Her.

U. Krider

L. "

Winfield

7# Kiley

Wapora

Council Stone

Heebner

Toronto

1635

1646

2626

2648

2683

2735

2792

2944

2974

4277

4295

L. Torate 4342

Lansing 4410

Marmaton 5121

Cherokee 5513

Morrow Sh 5796

L. " 3n 6042

Chest 6091

Ste G. 6380

St. Louis 6454