

Marc A. Downing		Geologic Report			
Consulting Petroleum Geologist		Drilling Time and Sample Log			
Operator		Downing-Nelson Oil Co., Inc.		Elevation	
Lease		Schmidt Family		2037	
API #		15-051-26915-0000		2035	
Field		Wildcat		2029	
Location		2285' FNL & 970' FEL		Casing Record	
Sec.		6		8 5/8" @ 1020'	
County		Ellis		Production	
Formation		Sample tops		None	
Top Anhydrite		1234		Electrical Surveys	
Base Anhydrite		1266		CNDL, DIL	
Topeka		3020		MEL, Sonic	
Heebner		3283		Datum	
Toronto		3308		Struct Comp	
LKC		3330			
BKC		3567			
Reworked Arbuckle?		3640			
Arbuckle		3683			
Total Depth		3726			
Reference Well For Structural Comparison		Okmar Oil Co			
Tobin #1		SE SW NE			
		Sec. 6-15s-18w			

Drilling Contractor
Commenced 6-13-18
Samples Saved From 3000
Drilling Time Kept From 2950
Samples Examined From 3000
Geological Supervision From 3000

Discovery Drilling, Rig #4
Completed 6-19-18
To RTD
To RTD
To RTD
To RTD

Operator

Downing-Nelson Oil Co., Inc.

Lease

Schmidt Family

No. 1-6

API #

15-051-26915-0000

Field

Wildcat

Location

2285' FNL & 970' FEL

Sec.

6

Twp.

15s

Rge.

18w

County

Ellis

State

Kansas

Formation

Sample tops

Log Tops

Datum

Struct Comp

Top Anhydrite

1234

1227

+810

-7

Base Anhydrite

1266

1266

+771

Topeka

3020

3020

-983

NA

Heebner

3283

3283

-1246

-7

Toronto

3308

3308

-1271

-10

LKC

3330

3330

-1293

-3

BKC

3567

3568

-1531

+4

Reworked Arbuckle?

3640

3640

-1603

NA

Arbuckle

3683

3684

-1647

Not Reached

Total Depth

3726

3728

-1691

Reference Well For Structural Comparison

Okmar Oil Co

Tobin #1

SE SW NE

Sec. 6-15s-18w

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation, it was decided to plug and abandon the well.

Respectfully Submitted,

Marc A. Downing

ROCK TYPES

Carbon Sh

Lust flw/ shale, gry

Dolomit

Dolsec

ACCESSORIES

STRINGER

Limestone

red shale

FOSSIL

Oilite

MINERAL

Chert, dark

Chert White

OIL SHOWS

Even Stn

Spotted Stn 50 - 75 %

Spotted Stn 25 - 50 %

Spotted Stn 1 - 25 %

Questionable Stn

Dead Oil Stn

Fluorescence

DST

DST int

DST alt

Core

Tail pipe

