

Marc Downing
Downing-Nelson Oil Co., Inc.
WELL: Ben Groves #1-3Z

COMPANY: Downing-Nelson Oil Co., Inc.
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LOCATION: B2D FSL-1395' FEL
SEC. 32 TWP. 7S RGE. 18W
COUNTY: Rush
STATE: Kansas

PRODUCTION: Dry
ELEVATION: RB 2095
DF 2087
GI 2095 RB

OPERATOR: DMCI
CONTRACTOR: Downing Oil Co. Rig # 3
CONM: 11-08-83 COMP.
CASING RECORD: Nabors
SURF: 85' - 124' PROD. 3917
TOTAL DEPTH DRILLERS: 3920
TOTAL DEPTH LOG: 3920

Drilling Measured From:
Sampled From: 3140 to 3140 TD
3000 to 3000 TD
3000 to 3000 TD
Samples Examined from: 3140 to 3140 TD
Geological Supervisors: Alan Downing
Geologist: Nabors
Electrician: Daryl Grz. - Mircrolag

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DITOM	STRUCTURAL POSITION
Anhydrite	1257	1258	+837	+6
Kaol	1292	1292	+805	+3
Heelder	3429	3432	-1337	-8
Toronto	3458	3458	-1365	-9
Cansing	3478	3478	-1384	-2
BKC	3748	3748	-1653	+5
Marmaton	3795	3795	-1702	+2
Arbuckle	3831	3831	-1738	+14

REFERENCE WELL FOR STRUCTURE
Wilson Trust NE-N/E-SW
Site 32-7S-18W
Furner Oil Co.
Rush Co., KS.

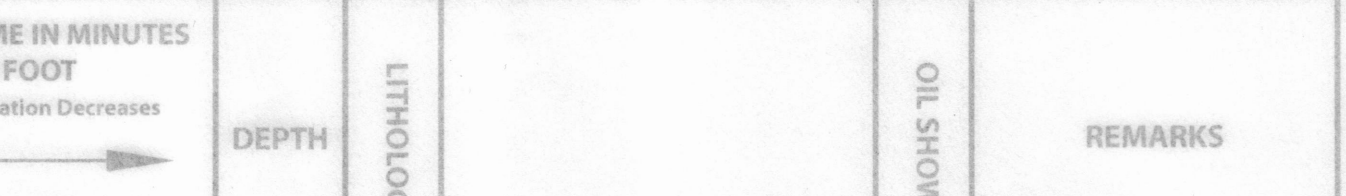
DRILL STEM TESTS

No.	Interval	HP/Time	ISP/Time	FP/Time	IR/FP	RECOVERY

REMARKS AND RECOMMENDATIONS
Will run logs to old trackers. All shows were tested. Arbuckle was high and pinched out (cong. sd., also had No shows and calculated wt.

STRAWS WERE TESTED. ARBUCKLE WAS HIGH AND PINCHED OUT (CONG. SD., ALSO HAD NO SHOWS AND CALCULATED WT.

LEGEND



DRILLING TIME IN MINUTES PER FOOT
Rate of Penetration Decreases
5" 10" 15"

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
3000				
50				
3100				
50				
3200				
50				
3300				
50				
3400				
50				
3429	SH: Black carb	LS: Whit v. fm v. dse		
3458	SH: gm			
3478	LS: Tan-Lt. Tan fm w/ some good ooc of No show mostly dse			vis 55 wt 8.0 cm 1/2"
3478	SH: Red-Brown-gm			
3500	LS: Tan-Lt. Tan fm w/ some good ooc of No show mostly dse			
3500	SH: gm			
3500	LS: Tan-Lt. Tan fm w/ some good ooc of No show mostly dse			
3500	SH: gm			
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