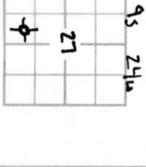


Marc Downing
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GEOLOGIC REPORT LOG

COMPANY: Downing-Nelson Oil Co., Inc.
 WELL: Robert Nickelson 5' #1-27
 FIELD: Wildcat



LOCATION: 1090' SW 1/4 + 1915' Full
 SEC. 27 TWP. 9S RGE. 24W
 COUNTY: Graham
 STATE: Kansas

PRODUCTION: DVA
 ELEVATION: KR 2530
 DF: 2522
 GI: 2522

OPERATOR: DNOCI
 CONTRACTOR: Discover Drilling, Inc. #1
 COMM: 11-15-12
 COMP: 1120-12
 SURF: 8 3/4" @ 2 1/4"
 TOTAL DEPTH DRILLERS: 4975' Above
 TOTAL DEPTH LOG: 4975' Above

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUR-SEA DEPTH	STRUCTURAL POSITION
Topg Anhydrite	2177		4353	NA
Base Anhydrite	2215		4315	NA
Topeka	3421		-1091	-2
Heegner	3437		-1307	FL
Taranta	3459		-1329	FL
LKC	3474		-1344	FL
OKC				

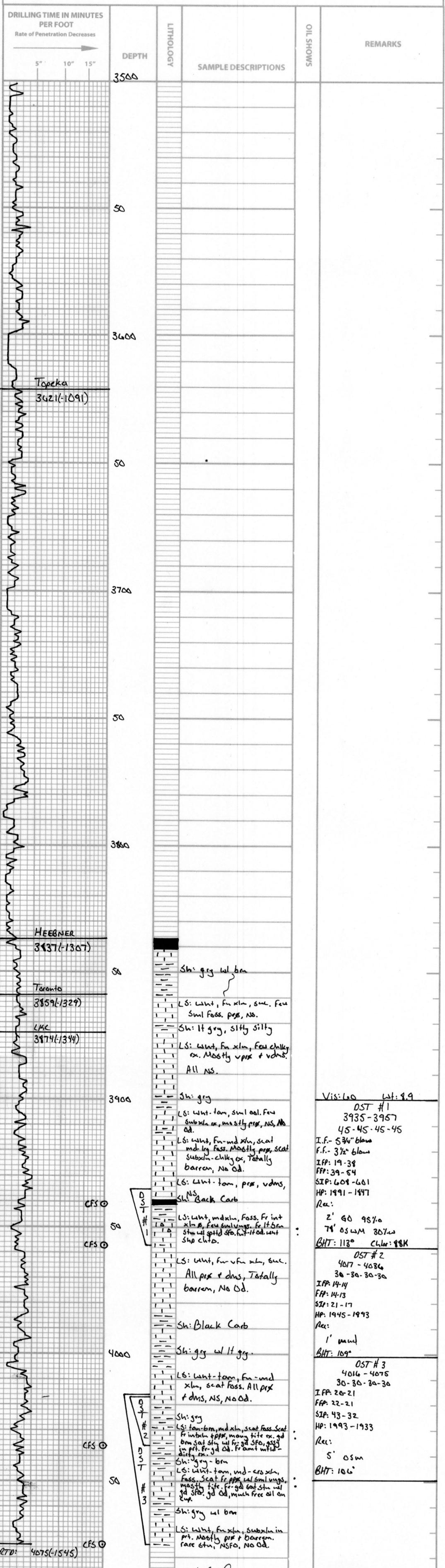
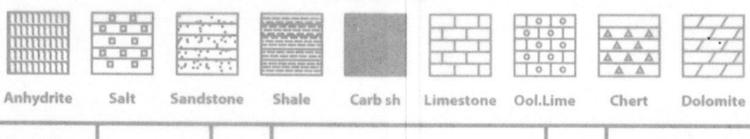
REFERENCE WELL FOR STRUCTURE: Petroleum Management, Inc.
 Well # 2
 SE-SW-SW
 Sec. 27, 9S-24W

DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	ESIP/Time	HP-FBP	RECOVERY

REMARKS AND RECOMMENDATIONS:

LEGEND



Vis: 60 Wt: 8.9
 DST #1
 3935-3957
 45-45-45-45
 I.F.- 5 3/4" blow
 F.F.- 3 1/2" blow
 I.F.P: 19-38
 F.F.P: 39-54
 S.I.P: 608-601
 H.P: 1991-1997
 Rec:
 2' 60 95%
 7' 05 W.M 307 W
 BHT: 113° Chlor: 88K

DST #2
 4017-4086
 30-30-30-30
 I.F.P: 14-14
 F.F.P: 14-13
 S.I.P: 21-17
 H.P: 1945-1993
 Rec:
 1' mud
 BHT: 109°

DST #3
 4016-4075
 30-30-30-30
 I.F.P: 20-21
 F.F.P: 43-32
 H.P: 1993-1933
 Rec:
 5' 05 W
 BHT: 106°

Downing