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GEOLOGIC REPORT LOG

COMPANY: Downing-Nelson Oil Co, Inc.
 WELL: Tyler Fabricius #1-20
 FIELD: Wildcat

LOCATION: 1908 Fmt & 14th FEL
 SEC. 20 TWP. 12S RGE. 22W
 COUNTY: Trego
 STATE: Kansas

OPERATOR: Diocesi
 CONTRACTOR: Discovery Drilling, Rig #4
 COMM: 8-8-13
 CASING RECORD
 SURF: 85' @ 22S
 PROD: 5 3/4" @ 4194'
 TOTAL DEPTH LOG: 4198'

PRODUCTION: Arkbuckle
 ELEVATION: RB 2415
 DF: 2401
 GL: 2401

Drilling Measured from: 48
 Samples Stored from: 3300 to 3300
 Drilling Time from: 3300 to 3300
 Samples Examined from: 3300 to 3300
 Geotechnical Section from: 3300 to 3300
 Wellbore Geology: M. Downing, Arkbuckle
 Petrological Summary: Arkbuckle
 CML/CAL: Arkbuckle

FORMATION	SAMPLE TOP	ELECTRIC LOG BOTTOM	SUP. SEA	STRUCTURAL POSITION
Topo Anhydritic Base Anhydritic	1421 1427 1457	1423 1428	+592 +550	NA NA
Tapeka	3420	3418	-1003	418
Heegner	3439	3434	-1221	418
Toronto	3458	3454	-1239	419
LKC	3473	3470	-1256	419
BKC	3911	3911	-1493	418
Marmaton	4005	4002	-1587	NA
Arbuckle	4120	4119	-1703	5

REFERENCE WELL FOR STRUCTURE: Marmaton Drilling Co. Sec. 20, 12S, 22W
 Well - Stand #1 C-12-12S-22W

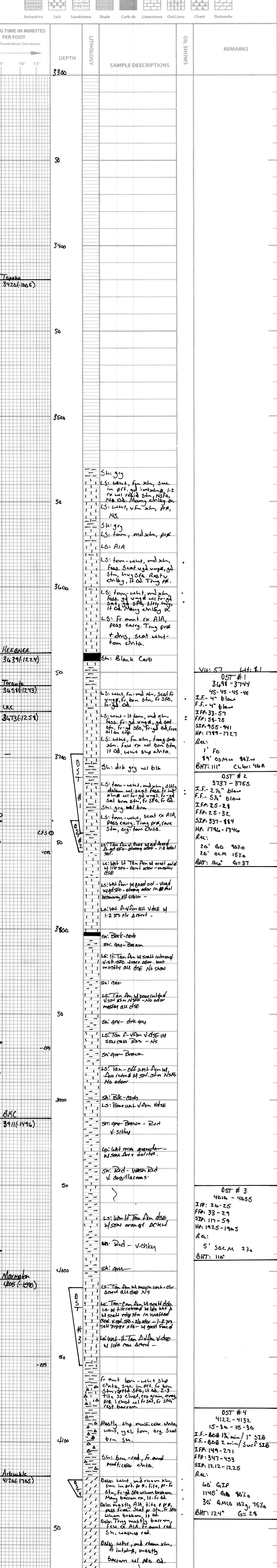
DRILL STEM TESTS

No.	Interval	ISP Time	ISIP Time	ESP Time	ISIP Time	IRP-HP	RECOVERY

RELATES AND RECOMMENDATIONS:
 Pelliculate % zone before abandonment.

LEGEND

Anhydrite Salt Sandstone Shale Carb sh Limestone Ool. Lime Chert Dolomite



Vis: 57 Lti: 8.1
 DST #1
 3698-3744
 45-45-45-46
 I.F.- 4" blow
 F.F.- 4" blow
 I.F.P: 33-57
 F.F.P: 58-75
 S.P.A: 965-941
 H.P: 1789-1727
 Rec:
 1' FO
 89' OSMA 80% w
 BHT: 111° CLor: 46%

DST #2
 3737-3765
 I.F.- 2 1/2" blow
 F.F.- 5 1/2" blow
 I.F.P: 25-38
 F.F.P: 25-32
 S.P.A: 337-884
 H.P: 1796-1746
 Rec:
 20' GO 90% o
 20' OCM 15% o
 BHT: 106° G= 37

DST #3
 4010-4055
 I.F.P: 26-25
 F.F.P: 33-29
 S.P.A: 117-59
 H.P: 1925-1905
 Rec:
 5' SOCM 2% o
 BHT: 116°

DST #4
 4122-4132
 15-30-15-30
 I.F.- 808 1 1/2 min / 1" SIB
 F.F.- 808 2 min / Surf SIB
 I.F.P: 149-271
 F.F.P: 347-453
 S.P.A: 1212-1225
 Rec:
 60' GIP
 1145' GO 80% o
 30' G.M.O 102% 75% o
 BHT: 124° G= 2%

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