Marc Downing
Consulting Petroleum Geologist
1401 Washington Circle
Hays, Ks 67601
Phone: 620-628-1356 (cell) 785-621-2886

GEOLOGIC REPORT LOG

COMPANY: H&C Oil Operating, Inc.
WELL: Seymour #25-1
FIELD:
LOCATION: 330' FSL + 1980' FEL
SEC: 25 TWP.: 15S RGE.: 24W
COUNTY: Gove
STATE: Kansas

15S — 25

PRODUCTION: DRY
ELEVATION: KB 2474 DF GL 2463

Drilling Contractor: H&C Drilling, Rig #1
Spud Date: 11-24-13 Completed: 11-29-13
Rotary Total Depth: 4372'
Logging Engineer: Marc Downing
Geological Supervision: Marc Downing
Samples Saved From: 3450 To: TD
Drilling Time From: 3450 To: TD
Logging Equipment: 3600 To: TD
Total Depth: 4372'

OPERATOR: H&C Oil Operating, Inc.
CONTRACTOR: H&C Drilling, Rig #1
COMMENCED: 11-24-13 COMPLETED: 11-29-13

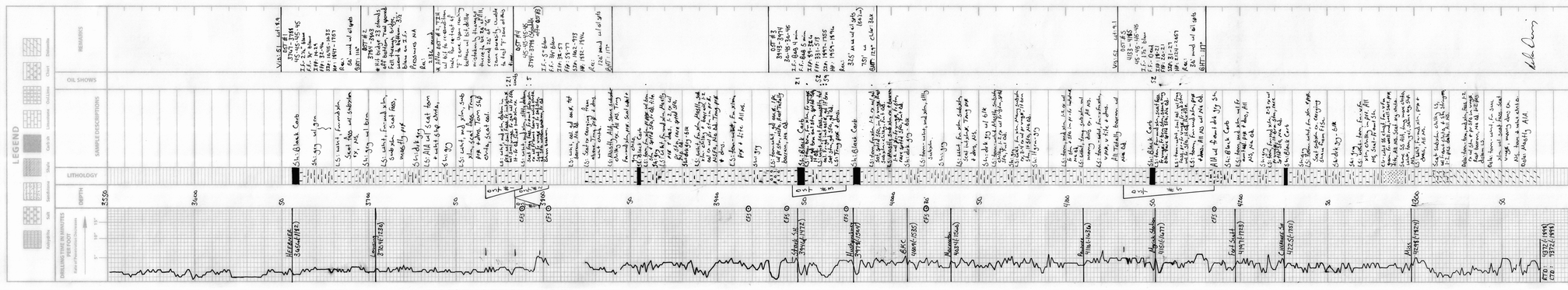
CASING RECORD
SURFACE: 8⅝" @ 263' Alone
TOTAL DEPTH DRILLER: 4372' DRL
TOTAL DEPTH LOG: 4372' MEL

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	DRILLER	LOG	STRUCTURE
Top Anhydrite	1917	1919	+556
Base Anhydrite	1945	1948	+527
Heebner	3656	3657	-1184
Lansing	3704	3706	-1232
Stark	3996	3995	-1521
BKC	4069	4066	-1594
Pawnee	4181	4181	-1713
Fort Scott	4239	4236	-1768
Miss	4319	4316	-1848

REFERENCE WELL FOR STRUCTURE: H&C Oil Operating, Inc.
Bentley #24-1 330 FSL + 1980 FEL Sec. 24-15S-24W

DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	RECOVERY

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