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GEOLOGIC REPORT LOG

COMPANY Cameron Schmidt, Inc.

WELL Thompson Unit #1

FIELD Wildcat

LOCATION 2496' FSL & 1109' FWL

SEC. 3 TWP. 21S RGE. 20W

COUNTY Pawnee

STATE Kansas

21S – 20W – 3

PRODUCTION Cherokee Sand

ELEVATION KB 2124
DF
GL 2117

Drilling Measured From: KB

Samples Saved From	3400	To	TD
Drilling Time From	3500	To	TD
Samples Examined From	3600	To	TD
Geological Supervision	3500	to Total Depth	

OPERATOR Cameron Schmidt, Inc.
CONTRACTOR Mallard Drilling, Rig #2
COMM. 2-28-13 COMP. 3-23-13

Drillers Geologist: Marc Downing
Electrical Geologist: Pioneer

CASING RECORD
SURF. 8⅝" @ 220' w/ 150 sx
TOTAL DEPTH DRILLER: 4326' PROD. 4½" @ 4314'
TOTAL DEPTH LOG: 4322' CSG. –

ELECTRICAL LOGS: CNL/CDL – DIL – Sonic

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	ELECTRIC LOG	SUB-SEA	STRUCTURAL POSITION
Top Pennsylvanian	12041	12165	+88[illegible]	+7
Base Pennsylvanian	NA	12186	+8[illegible]	NA
Heebner	3407	3409	-1283	+9
Lansing	3569	3570	-1334	+8
Fort Scott	3798	3798	-1682	+11
Cherokee Sh.	3824	3824	-1708	+10
Cherokee Sand "A"	3848	3848	-1732	+19
Mississippian	3913	3916	-1799	+33
Kinderhook	4211	4216	-2099	+34
Gilmore City	4271	4276	-2159	+33

REFERENCE WELL FOR STRUCTURE Falcon Exploration, Inc.
Thompson #1 Clause C-SW-NENE Sec. 3-21S-20W

DRILL STEM TESTS

No.	Interval	IFP-Times	ISIP-Times	FFP-Times	FSIP-Times	IHP-FHP	RECOVERY

REMARKS AND RECOMMENDATIONS: Due to structural position, DST recovery & log evaluation, it was decided to set 4½" production casing for completion.

Perforate:

Cherokee "A" Sand: 4164'-72' (OST #1)

Marc Downing

LEGEND

Anhydrite · Salt · Sandstone · Shale · Lime ss · Limestone · Chert · Dolomite

DRILLING TIME IN MINUTES
Rate of Penetration in Minutes Per Foot: 5" · 10" · 15"

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

Heebner 3409'(-1283)
Lansing 3570'(-1334)
BKC 3798'(-1682)
Fort Scott 3798'(-1682)
Cherokee Sh. 3824'(-1708)
Cherokee Sand 3848'(-1732)
Mississippian 3916'(-1800)
Kinderhook 4216'(-2099)
Gilmore City 4276'(-2159)
RTD 4326'(-2209)
LTD 4322'(-2205)