

COPY

Operator Name Ritchie Exploration, Inc. Lease Name V. Goebel Well # 1

RELEASED

Sec. 36 Twp. 21 Rge. 24W East West

County Hodgeman

SEP 20 1990

WELL LOG

FROM CONFIDENTIAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

DST #1 from 4555'-4616 (Miss.)
Recovered 40' of clean oil & 50' slightly oil cut mud.
IFP:67-74#/45"; ISIP:393#/45";
FFP:85-95#/45"; PSIP:372#/45".

DST #2 from 4616'-4626' (Miss.)
Recovered 15' mud w/few oil spots in tool.
IFP:32-32#/30"; ISIP:1151#/30";
FFP:32-32#/30"; PSIP:1067#/30".

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Heebner, Lansing, B/KC, Marmaton, Pawnee, Ft. Scott, Cherokee, Miss., LTD.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Form sections: CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Estimated Production Per 24 Hours.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [] Perforation [] Other (Specify) [] Dually Completed [] Coningled