



CONSULTING GEOLOGIST

Geologist's Report
Drilling Time and Sample Log

OPERATOR _____ Chiefman Oil Co., Inc.
LEASE _____ AHS CATTLE CO. WELL NO. #5
FIELD _____ Stranathan API No. 15-007-24219

LOCATION _____ SE 35 SW NE 2400' TNL & 1570' TEL

SEC. _____ 12 TWP. _____ 35S RGE. _____ 12W
COUNTY _____ Barber STATE _____ Kansas

CONTRACTOR _____ Fossil Rig #2
COMM. _____ 09/05/2014 COMP. _____ 09/12/2014
RTD _____ 5180' LOG TD _____ 5180'

SAMPLES SAVED FROM _____ 4300' TO _____ TD
DRILLING TIME KEPT FROM _____ 4100' TO _____ TD
SAMPLES EXAMINED FROM _____ 4300' TO _____ TD

GEOLOGICAL SUPERVISION FROM _____ TYPE MUD _____ GEL/CHEMICAL _____
MUD LIP _____

FORMATION _____ TOP SAMPLE _____ STRUC _____
Kansas City 4348 -2965
Smokey LS 4520 -3137

Mississippian 4810 -3427
Kinderhook SH 5032 -3640
Chattanooga SH 5104 -3721
Maquoketa SH 5133 -3750

Meander _____
TD _____ 5281 -3898

ELEVATION
KB _____ 1383
DF _____
GL _____ 1375'

Measurements Are All
From _____ KB

CASING RECORD
SURFACE Ben 13 3/8" @ 330'
w/ 220' SK

PRODUCTION _____ D&A
Plugged well at 5180

ELECTRICAL SURVEYS
NOT LOGGED

FORMATION _____ TOP SAMPLE _____ STRUC _____
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Chattanooga SH 5104 -3721
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Meander _____
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GEOLOGIST

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OPERATOR

Company: Chiefman Oil Co., Inc.
Address: 605 S. 6th, P.O. Box 124
Kiowa, Kansas 67070

Contractor

Fossil Drilling Rig #2
P.O. Box 464
Pratt, KS 67124-0464

FOSSIL

Algae
Amph
Belem
Bioclst
Brach
Bryozoa
Cephal
Crin
Echin
Fish
Foram
Fossil
Gastrol
Oolite
Ostra
Pelec
Pellet

MINERAL

Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chlitt
Dol
Feldspar

ACCESSORIES

Ferrpel
Ferr
Glau
Gyp
Hyvmin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Siltstn
Silty shale
Blank
Gray lmst
Cream lmst
Red shale
Blue-green siltstn
D. green shale
Green shale

STRINGER

Anhy
Arg
Bent
Coal
Dol
Gyp
Ls
Mrst
Siltstrg
Ssstrg
Carbsh
Gray cream lmst
Green dol
Gray dol

TEXTURE

Boundst
Chalky
Cryxln
Earthy
Finexln
Grainst
Lithogr
Microxln
Mudst
Packst
Wackest

ROUNDING

Rounded
Subrnd
Angular

OIL SHOWS

Even
Spotted
Quies
Dead
Gas show

INTERVALS

Core
Dst
Dst

EVENTS

Rft
Sidewall
Cts
Conn

POROSITY TYPE

Earthy
Fenest

OTHER SYMBOLS

Fracture
Inter
Moldic
Organic
Pinpoint
Vuggy

LITHOLOGY

Anhy
Cht
Congl
Shale
Shgy
Ss

SORTING

Well
Moderate
Poor

ROCK TYPES

Anhy
Cht
Congl
Shale
Shgy
Ss

Carb shale
Gray shale
Sandy lmst
Shale
Silt stn
Silty slst

Silty shale
Blank
Gray lmst
Cream lmst
Red shale
Blue-green siltstn

D. green shale
Green shale
Brown lmst
Brown shale
Brown dol
Brown cream

D. green lmst
Light cream lm
Gray cream lm
Green dol
Gray dol

