DNR MISSOURI SAMPLE WELL-LOG LIBRARY DGLS

LOG NUMBER
014232

OWNER: Warsaw Hatcheries, Well #1

PLUGGED N CONFIDENTIAL? 0 RELEASE DATE:

WELL TYPE: Industrial High Capacity Well

DRILLER: Claude Seaborn

LEASENAME: Knight

DRILL DATE: 1955/09/20 PERMIT #:

LOGGER: Knight, R.D. LOGDATE: 1965/07/12

TYPE OF LOG: S SAMPLE SAVED? 00

MISSOURI , COUNTY: Benton

SECTION: 04 TOWNSHIP: 40 N RANGE 22 W

of NE of NW

LATITUDE: 38.28112

LONGITUDE: -93.36607

QUAD NAME: LINCOLN SOUTHEAST

OTHER DATABASES:

ID NUMBER:

DATABASE 2:

ID NUMBER:

DATABASE 3

ID NUMBER

ELEVATION: 747 BASE: S BEDROCK @ 10 FEET

TOTAL DEPTH: 1406 INTERVAL CORED: 0 TO 0

YIELD: 500 DRAWDOWN: 160

STATIC WATER LEVEL BEFORE: AFTER:

WATER AT:

TOP FORMATION: JEFFERSON CITY DOLOMITE

BOTTOM FORMATION: LAMOTTE SANDSTONE

REMARKS: Knight

CONSTRUCTION DATA

CASING:	DEPTH:	DIAMETER	CASING MATERIAL
	210	12	
	0	0	
	0	0	I/O: O
	0	0	SIZE HOLE: 12

DATE PLUGGED: DATE ABANDONED:

Plug Depth TOP: 0 Plug Depth Bottom: 0

GROUTING:

PUMP:

Capacity	Pump Type	Set at:	Total Depth:	Screen Type:	Size:	Length:	Slot:
0		0	0		0	0	0

Well Treatment: Type Devised:

Type of Completion

Perforation Interval: Top: 0 Bottom: 0

Tube Pressure:

Oil Production: Gas Production:

Water Analysis:

OPEN FORMATIONS Top Formation: JEFFERSON CITY DOLOMITE

Bottom Formation: LAMOTTE SANDSTONE

LOG NUMBER
014232

STRATIGRAPHY

TOP	BOT	FORMATION NAME	LITHOLOGY PRIMARY	SECONDARY	MINOR	MINERALS PRIMARY	OCC.	SECONDARY	OCC	MINOR
10	95	JEFFERSON CITY DOLOMITE	DOLOMITE	CHERT	SAND		0		0	
95	215	ROUBIDOUX FORMATION	DOLOMITE	CHERT	SANDSTONE		0		0	
215	270	UPPER GASCONADE DOLOMITE	DOLOMITE	CHERT	SAND		0		0	
270	500	LOWER GASCONADE DOLOMITE	DOLOMITE	CHERT			0		0	
500	520	GUNTER SANDSTONE MEMBER	DOLOMITE	SANDSTONE	CHERT		0		0	
500	520	GUNTER SANDSTONE MEMBER	DOLOMITE	SANDSTONE	CHERT		0		0	
520	790	EMINENCE DOLOMITE	DOLOMITE	CHERT	SAND		0		0	
790	920	POTOSI DOLOMITE	DOLOMITE	SAND	CHERT		0		0	
920	990	DERBY-DOERUN DOLOMITE	DOLOMITE	CHERT			0		0	
990	1075	DAVIS FORMATION	DOLOMITE	CHERT			0		0	
1075	1195	BONNETERRE FORMATION	DOLOMITE	SAND	CHERT		0		0	
1195	1406	LAMOTTE SANDSTONE	SANDSTONE	DOLOMITE			0		0	

U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION

District or Project: _____

2 FILE LOCATION NO.: _____

WELL INFORMATION

Well No. (USGS): _____
Other: Mo GS Recde well
Map or Quad _____
Site description T40N R22W Sec 4 Bad

Agency or Owner: _____
Address: _____
Altitude of L.S. _____
Log M.P. Cecd Shell Tebase log depth 1373
Btm log interval: _____ ft Well TD: 1406 ft.
Top log interval: _____ ft
Type of finish: _____
Casing: Elev. of top _____ ft/in Above Below L.S.

I.D. 12", from _____ to 216, type Steel
I.D. _____, from _____ to _____, type _____
I.D. _____, from _____ to _____, type _____

Cement: from _____ to _____

Perf. interval(s) from _____ to _____, type _____
Open hole diameter: _____ from _____ to _____
_____ from _____ to _____

Fluid level: 36.5 ft/in Above At Below Recd base L.S., Top Csg

) Fluid type: WTR ; temp _____ °F, °C
Fluid resist.: _____ ohm-m
Driller: Claude Seaborn
Address: _____
Type of rig: _____
Date started: _____ completed 9-20-55
Aquifer or formation: _____

NOTE: This log is not to be used to fulfill private contractual obligations.

Other data and logs available for this well: _____

GD2871 00003

015-00003

FLUID LOG

TYPE: Conductivity DATE: 23 Sept 80

LOCATION: State Mo County Benton Town Warsaw

LOGGING INFORMATION

Operator(s) USGS - Mc Cullough

Equipment address: DFC Denver Colo

Logger type: Well Recon No. Comprobe

Tool type: do

Tool length, cable head to detector 9.0 ft ____ in

Calibration: see log

Logging speed: 20 ft/min up down

Log vert. scale: 20 ft/in

MODULE SETTINGS

FLUID RESISTIVITY

Scale switch (range): ____ ohm-m

Position Pot. (base, zero, or suppression): ____ Dial div.

Sensitivity Pot. (Span): ____ Dial div.

Actual scale: ____ ohm-m } chart div (or) full scale (circle as applicable)

FLUID CONDUCTIVITY

Scale switch (range): 200 - 1K µmhos/cm

Position Pot. (base, zero, or suppression): 182 Dial div.

Sensitivity Pot. (Span): 0.68 Dial div.

Actual scale: ____ µmhos/cm } chart div (or) full scale (circle as applicable)

RECORDER SETTINGS

	Ch 1	Ch 2	Ch 3
Position Pot.:			
Sensitivity Pot.:			

Run No. ____ of ____

Remarks: ____

U.S. GEOLOGICAL Su

District or Project: ____

FILE LOCATION NO.: ____

WE

Well No. (USGS): ____

Other: Mc

Map or Quad ____

Site descrip

Agency or Owner: ____

Address: ____

Altitude of L.S. ____

Log M.P. Cold St

Btm log interval: ____

Top log interval: ____

Type of finish: ____

Casing: Elev. of

I.D. 12

I.D. ____

I.D. ____

Cement: from ____

Perf. interval(s) fro

Open hole diameter: ____

Fluid level: 36.5 ft

Fluid type: WTE

Fluid resist.: ____

Driller: Cland

Address: ____

Type of rig: ____

Date started: ____

Aquifer or formation: ____

NOTE: This log is no contractual ob

Other data and logs a

00003

G02870 00003

NUCLEAR LOG

TYPE: Natural GAMMA DATE: 23 Sept 80

LOCATION: State Mo County Benton Town Warsaw

LOGGING INFORMATION

Operator(s) USGS - Mr. Cullough
Equipment Address: DFC Denver Colo
Logger type: Well Recon No. Comprobe
Tool type: do
Detector type: Scintillation
Source type:
Source size: C; MC
Source spacing:
Tool length, cable head to detector 10.0 ft in
Calibration: See log cps
Logging speed: 17 ft/min up down
Log vert. scale: 20 ft/in

MODULE SETTINGS

Scale switch (rate or counts): 0-50 cps } chart div (or)
~~API~~ } full scale
(circle as applicable)

T. C. switch: 4 sec.
Position Pot. (Base, zero, or suppression): 10.0 Dial Div.
Sensitivity Pot. (Span): 70 Dial Div.
Discrimination Pot.: 858 Dial Div.
Input pulse: 1.2 volts; Polarity Neg
Output switch: normal; reverse
Actual scale: cps } chart div (or)
API } full scale
(circle as applicable)

RECORDER SETTINGS

	Ch 1	Ch 2	Ch 3
Position Pot.:			
Sensitivity Pot.:			

Run No. of

Remarks: