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CORE ANALYSIS REPORT

FOR

AMERICAN WARRIOR, INC.

K C C

MAR 12 1998

PRICE NO. 6 WELL
RYERSEE FIELD
NESS COUNTY, KANSAS
15-135-23775

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom; and for whose exclusive and confidential use; this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories (all errors and omissions excepted); but Core Laboratories and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or formation in connection with which such report is used or relied upon.



CORE LABORATORIES

November 9, 1993

AMERICAN WARRIOR, INCORPORATED

P. O. Box 6
Bazine, Kansas 67516

Attn: Mr. Scott Corsair

Subject: Core Analysis Final report
Price No. 6 Well
Ryersee Field
Ness County, Kansas
CL File 57182-13714

Dear Mr. Corsair:

Core samples from the subject well taken in the Mississippi formation were received at the Oklahoma City laboratory for analytical testing described on the procedure page.

Tabular presentation of the measured physical properties is presented on page FINAL REPORT 1-1.

A statistical summary of the data and a cross-plot of permeability versus porosity is included.

It is a pleasure to have this opportunity of serving you. Should you have questions regarding these data call (405) 946-5422.

Very truly yours,

Core Laboratories, a division of
WESTERN ATLAS, INCORPORATED

Lynn Antwine
Senior Laboratory Supervisor

CORE LABORATORIES

Company : AMERICAN WARRIOR, INC. File No.: 57182-13714
Well : PRICE NO. 6 WELL Date : 8-NOV-1993

ANALYTICAL PROCEDURES AND QUALITY ASSURANCE

HANDLING & CLEANING

Core Transportation : Delivered (Homoco)
Solvent : Toluene
Extraction Equipment : Dean Stark Apparatus
Extraction Time : 24 Hours
Drying Equipment : Convection Oven
Drying Time : 24 Hours
Drying Temperature : 240 Deg.F.

ANALYSIS

Grain volume measured by Boyle's Law in a matrix cup using He
Bulk volume by Archimedes Principle
Water saturations by Dean Stark
Oil saturations by weight difference in Dean Stark
Permeabilities measured on 1 in. diameter drilled plugs
Dean Stark grain densities clean, dry solid mineral phase are measured

REMARKS

Horizontal air permeability measured on plug samples--not Klinkenberg corrected.
Core remnants and drilled plugs are temporarily stored in Core Laboratories' Oklahoma City laboratory.
Please notify us as to disposition of the core and plugs within thirty days from date of this report to avoid storage charges of \$15.00/month.

CORE LABORATORIES

Company : AMERICAN WARRIOR, INC.
Well : PRICE NO. 6 WELL
Location :
Co,State : NESS COUNTY, KANSAS

Field : RYERSEE FIELD
Formation : MISSISSIPPI
Coring Fluid : WATER BASE MUD
Elevation :

File No.: 57182-13714
Date : 8-NOV-1993
API No. :
Analysts: SB/DF/LA

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZ) (Kair) md	POROSITY (BOYLE'S LAW) (Helium) %	SATURATION		GRAIN DENSITY (Measured) gm/cc	DESCRIPTION
				(PORE VOLUME) (Oil) %	(Water) (Water) %		
PLUG DEAN STARK ANALYSIS							
1	4220.0- 21.0	0.08	9.9	2.3	85.9	2.66	Sst gry v f/f gr arg slily carb
2	4221.0- 22.0	0.07	14.2	0.0	95.4	2.69	Sst gry v f/f gr arg
3	4222.0- 22.3	0.36	18.9	0.0	89.0	2.68	Sst gry f/crs gr arg
4	4223.5- 24.0	2.30	11.4	15.2	60.7	2.64	Sst tn/wht f/m gr clay inc
5	4224.0- 25.0	3.60	13.5	12.7	69.6	2.64	Sst tn/wht f/m gr slily calc
6	4225.0- 25.5	0.84	15.0	0.0	86.4	2.66	Sst gry f/crs gr arg slily calc
7	4227.0- 28.0	0.08	8.2	0.0	94.6	2.69	Sst gry dk rd/gry f/m gr arg
8	4228.0- 29.0	235.	20.2	0.0	71.5	2.64	Sst gry m/crs gr arg slily calc
9	4229.0- 30.0	122.	21.1	0.0	67.1	2.65	Sst lt gry m/crs gr arg calc
10	4230.0- 31.0	50.0	16.9	0.0	72.7	2.66	Sst gry v f/m gr arg slily cgl
11	4236.0- 37.0	44.0	10.4	0.0	76.3	2.64	Sst lt tn v f/f gr slily calc
12	4239.0- 39.4	96.0	14.0	0.0	70.4	2.64	Sst lt tn v f/f gr slily calc

CORE LABORATORIES

Company : AMERICAN WARRIOR, INC.
Well : PRICE NO. 6 WELL

Field : RYERSEE FIELD
Formation : MISSISSIPPI

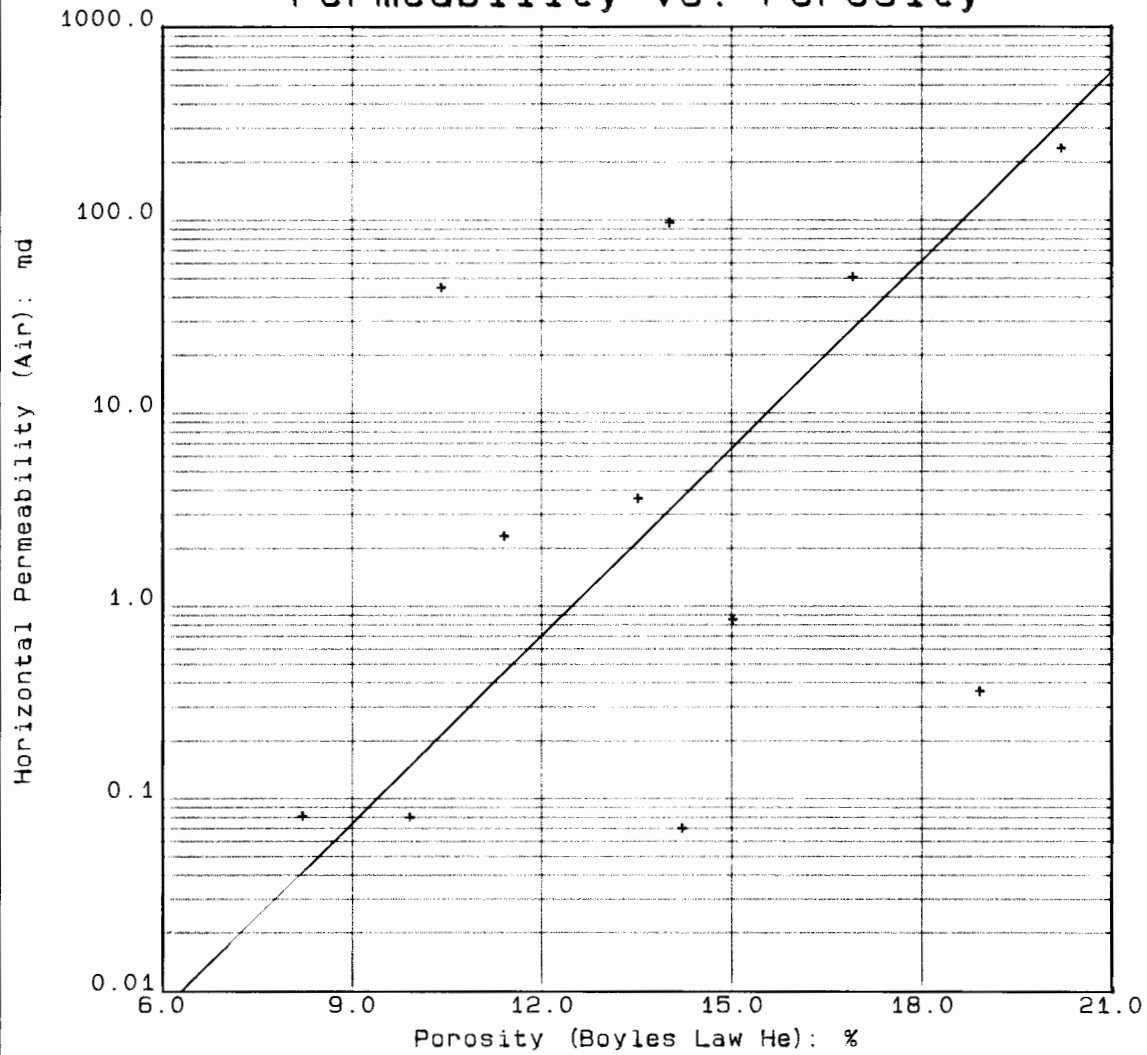
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Date : 8-NOV-1993

TABLE I
SUMMARY OF CORE DATA

ZONE AND CUTOFF DATA CHARACTERISTICS REMAINING AFTER CUTOFFS

ZONE:		ZONE:		PERMEABILITY:	
Identification -----	MISSISSIPPI	Number of Samples -----	12	Flow Capacity -----	494.9 md-ft
Top Depth -----	4220.0 ft	Thickness Represented -	9.7 ft	Arithmetic Average -----	51.0 md
Bottom Depth -----	4240.0 ft			Geometric Average -----	3.97 md
Number of Samples -----	12			Harmonic Average -----	0.24 md
DATA TYPE:		POROSITY:		Minimum -----	0.07 md
Porosity -----	(BOYLE'S LAW) (Helium)	Storage Capacity -----	138.9 ϕ -ft	Maximum -----	235. md
Permeability -----	(HORIZ) (Kair)	Arithmetic Average -----	14.3 %	Median -----	2.95 md
		Minimum -----	8.2 %	Standard Dev. (Geom) --	K-10 $\pm$ 1.348 md
		Maximum -----	21.1 %		
		Median -----	14.1 %		
		Standard Deviation ----	$\pm$ 4.2 %		
CUTOFFS:		GRAIN DENSITY:		HETEROGENEITY (Permeability):	
Porosity (Minimum) -----	0.0 %			Dykstra-Parsons Var. --	0.992
Porosity (Maximum) -----	100.0 %			Lorenz Coefficient ----	0.615
Permeability (Minimum) ---	0.0100 md			AVERAGE SATURATIONS (Pore Volume):	
Permeability (Maximum) ---	100000. md				
Water Saturation (Maximum)	100.0 %	Arithmetic Average ----	2.66 gm/cc		
Oil Saturation (Minimum) -	0.0 %	Minimum -----	2.64 gm/cc		
Grain Density (Minimum) --	2.00 gm/cc	Maximum -----	2.69 gm/cc		
Grain Density (Maximum) --	3.00 gm/cc	Median -----	2.66 gm/cc	Oil -----	2.0 %
Lithology Excluded -----	NONE	Standard Deviation ----	$\pm$ 0.02 gm/cc	Water -----	77.0 %

Permeability vs. Porosity



AMERICAN WARRIOR, INC.

PRICE NO. 6 WELL

RYERSEE FIELD

NESS COUNTY, KANSAS

MISSISSIPPI (4220-4240 feet)

Core Laboratories

8-Nov-1993

- LEGEND -
MISSISSIPPI

DISTRIBUTION OF FINAL REPORT

AMERICAN WARRIOR, INC.
Price No. 6 Well
Ryersee Field
Ness County, Kansas
CL File 57182-13714

3 cc: AMERICAN WARRIOR, INCORPORATED
P. O. Box 6
Bazine, Kansas 67516

Attn: Mr. Scott Corsair