

# US Well Log Data

Define geological models faster, enhance research and interpretation, and reduce log management costs

IHS Markit US Well Log Data provides critical information on well properties, hydrocarbon zones, and optimal production methods. Our Digital and Raster Log databases contain the most complete historical well log coverage in the industry, and enable faster, more efficient via through direct connection to leading interpretation software and customers' in-house datasets.

# Digital Curve Data – A critical element in the exploration and development decisionmaking process

Access one of the industry's largest collections of US Digital Curve data, with more than 320,000 logs with over 2.6 million curves. Streamlined integration of your in-house well files with IHS Markit Log Data creates a single-source dataset with exceptional online browsing, viewing and downloading capabilities.

- Geologists improve their interpretation of structural and stratigraphic changes across fields and basins, and gain a deeper understanding of a basin's depositional history as well as its lithologic and reservoir attributes
- Petrophycisists utilize the full suite of digital curves available on many IHS Markit Digital Logs to define reservoir models faster than ever before
- Engineers can accurately design project parameters for drilling and completion programs with confidence

#### **IHS Markit US Digital Logs:**

- Include a full suite of curves, enabling calculation of water saturation, cross-plot porosity, shale volumes, oil saturation, rock strength, net pay and more
- Can be easily accessed via Petra<sup>™</sup> or Kingdom<sup>™</sup> Direct Connect, Well Log Downloader, or researched and reviewed using Enerdeq<sup>™</sup> Browser with query results directly linked to IHSLogNet.com for purchase or download
- Are available "by the well," or via 13 cost effective regional subscriptions covering today's most active plays:
  - Rocky Mountains: 44,000+

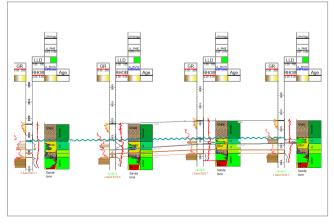
South Louisiana: 22,000+
 Gulf of Mexico: 42,000+

- Kansas, Texas 10, Oklahoma
   Panhandle: 21,500+
- Oklahoma: 42,000+
- Northeastern US: 57,000+
- Southeastern US: 2,500+

North Louisiana, Arkansas: 8,300+

- Texas 1-4: 17,000+
- Permian Basin: 44,000+
- West Coast, Alaska: 24,000

- Texas 5, 6, 9 and 7B: 24,000+



Kingdom geological cross section displaying IHS Markit digital logs and composite logs

a colu	mn header and dro	p it here to group by t	hat column					
	UWI 7	Well Name 🛛 🐨	Curve 7	Type 7	Sample Rate/Scale 🛛 🗸	Start Depth 🛛 🖓	End Depth 🛛 🗎	Linear   Logarithmic
	05123130450000	BOOMER SOONER	SFLU	RESISTIVITY	0.5	5390.0	6414.0	5393
	05123130450000	BOOMER SOONER	RHOB	POROSITY	0.5	5398.0	6423.0	5493 -
	05123130450000	BOOMER SOONER	ILM.	RESISTIVITY	0.5	5390.0	6414.0	
D	05123130450000	BOOMER SOONER	ILD	RESISTIVITY	0.5	193.0	6414.0	5593 - 5
	05123130450000	BOOMER SOONER	GR	LITHOLOGY	0.5	5398.0	6398.0	5
	05123130450000	BOOMER SOONER	DRHO	POROSITY	0.5	5398.0	6423.0	5603 - 🛓
D	05123130450000	BOOMER SOONER	CAU	BOREHOLE	0.5	5398.0	6423.0	5793 -
D	05123130450000	BOOMER SOONER	ASFL	RESISTIVITY	0.5	184.0	5400.0	2 F
R	05123130450000	BOOMER SOONER	MUT	RESISTIVITY	5	5400	6483	Depth in MD
R	05123130450000	BOOMER SOONER	CBT,CCL,GR,VDL	COMPLETION, LITHOLOGY	2.5	5295	6416	8 3993 - 5
R	05123130450000	BOOMER SOONER	ISF	RESISTIVITY	2,5	184	6415	
R	05123130450000	BOOMER SOONER	CALI, FDT, GR	BOREHOLE, LITHOLOGY, POROSITY	s	5400	6418	6093 - 🕺
R	05123130450000	BOOMER SOONER	TEMP	PRODUCTION	2.5	6202	6402	- 2
D	05123130650000	DOC FISCUS	SP	LITHOLOGY	0.5	184.0	6442.0	6193 -
D	05123130650000	DOC FISCUS	SGRD	RESISTIVITY	0.5	184.0	6442.0	6293 - 5
D	05123130650000	DOC FISCUS	RHOB	POROSITY	0.5	5488.0	6445.0	· · · · · · · · · · · · · · · · · · ·
D	05123130650000	DOC FISCUS	ILM	RESISTIVITY	0.5	5472.0	6442.0	6393
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D	05123130650000	DOC FISCUS	GR	LITHOLOGY	0.5	175.0	6425.0	GR
D	05123130650000	DOC FISCUS	DRHO	POROSITY	0.5	5488.0	6445.0	1.5 km
D	05123130650000	DOC FISCUS	CALI	BOREHOLE	0.5	5488.0	6445.0	18-
R	05123130650000	DOC FISCUS	SDL	POROSITY	5	5500	6442	500-
R	05123130650000	DOC FISCUS	DI-G	RESISTIVITY	2,5	184	6443	
R	05123130650000	DOC FISCUS	ACBLMS	COMPLETION	2.5	5400	6416	35,186 69,483 69,483 03,779 38,076 38,076 38,076 38,076 38,076 40,965

Quickly and easily access IHS Markit Well Log Data via Kingdom Direct Connect



# Raster Log Data – High quality scanned, indexed and depthregistered logs available for immediate use

The IHS Markit Raster log database contains the most complete and historical well log coverage in industry for both continental and offshore exploration and includes over 3.4 million logs. Raster Log data is included with your IHS Markit Well Data subscription and can be integrated with in-house data for unrivaled browse, view and download capability.

#### IHS Markit US Raster Logs:

- Are added daily and available 24/7 on an individual or subscription basis to support prospect studies or drilling plans
- Have been enhanced through the process of depth registration, which scales the vertical axis of the log while maintaining the familiar appearance of a paper log, meaning that every row of pixels is calibrated with depth, enabling fast and flexible manipulation of logs in a digital environment
- Can be easily accessed via Petra or Kingdom Direct Connect, Well Log Downloader, or researched and reviewed using Enerdeq Browser with query results directly linked to IHSLogNet.com for purchase or download
- Are available via subscription for 13 key areas:
  - Rocky Mountains: 840,000+ Gulf of Mexico: 431,000+
  - Kansas, Texas 10, Oklahoma
     Panhandle: 266,000+
- Texas 5, 6, 9 and 7B:
   165,000+

- Texas 1-4: 319,000+

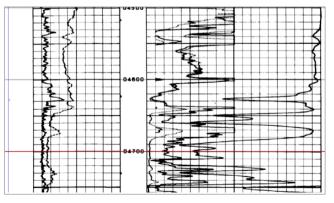
database)

- Oklahoma: 258,000+
- Northeastern US: 360,000+
- Southeastern US: 109,000+
- North Louisiana, Arkansas: 173,000+
- Permian Basin: 383,000+
- West Coast, Alaska: 150,000+

(including 60,000 unique

wells not found in any other

- South Louisiana: 207,000+



Subscribers of IHS Markit Well Data also gain access to raster images, all depth-registered and indexed for easy import into geoscience applications such as Kingdom and Petra

### NEW! Well Log Downloader

Well Log Downloader is a bulk delivery tool designed to improve efficiency by delivering subscription raster logs, XML calibration files and/or digital LAS in large or small quantities with minimal end user intervention.

Please specify yo	our search filters bek	DW1	Select download options:							
Attribute	Region		Type O Digital O Raster   Both							
Operator	Contains	*	Options	Data and Catalog      Catalog only      Data only						
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	49011215170000	DLL, GR, SP			MD	0 (ft)	7042 (ft)			GAMMA P
Get Log Raster	25005229780000	CBL, CCL, GR, GR -	CCL CBL LOG		MD	30 (ft)	1920 (ft)			CEMENT
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Get Log Raster	25091051030000	LL, LATEROLOG			MD	425 (ft)	6895 (ft)			LATEROLO
	33105019900000	CBL, CCL, GR, VDL			MD	3600 (ft)	10700 (ft)	2442.0 (ft)	2418.0 (ft)	CEMENT
	33053032470100	COND, GR, RL, ROF			MD	2278 (ft)	19738 (ft)	2218.0 (ft)	2197.0 (ft)	DRILLING
	33053033240000	GR, MD			MD	10630 (ft)	20956 (ft)	2234.0 (ft)	2209.0 (ft)	GAMMA
	05045189210000	CCL, GR, RST			MD	1915 (ft)	9601 (ft)	6548.0 (ft)	6526.0 (ft)	COLLAR L
	33061005570100	GR, ROP			MD	8665 (ft)	15271 (ft)	2130.0 (ft)	2109.0 (ft)	DRILLING,
	05095062600000	AIT, CALI, CNT, GR,	LDT, SP		MD	180 (ft)	2737 (ft)	3830.0 (ft)	3824.0 (ft)	ARRAY IN
	25091051050000	ACBL			MD	5250 (ft)	6759 (ft)	2096.0 (ft)	2085.0 (ft)	CEMENT
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Get Log Raster Get Log Raster							10337 (ft)			
Get Log Raster Get Log Raster	05045169750000	CCL, GR, SCMT, TE	MP		MD	143 (ft)	10337 (ft)	6039.0 (ft)	6017.0 (ft)	CEMENT

Use custom filters to narrow down search terms and quickly get to the data that meets your needs

## About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 80 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

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