

S A M P L E D E S C R I P T I O N

Associated Oil & Gas Co.

No. 1 P. Page

Xenia Prospect

Location: SW SW NE Section 23 T24S R21E
Bourbon County, Kansas

Elevation: 1080' G.L.

Spud: May 1, 1965

Completed: Plugged and Abandoned May 4, 1965

Total Depth: 817'

Casing Record: 7" @ 7'

35-40' Tan sucrosic to fnly xln foss ls sh oil stain
40-50' Same as above w/ gry silty sh
50-60' Soft gry very foss ls sh oil stain w/ gry sdy sh
60-70' Soft gry-brn very porous sucrosic ls w/ oil stain
70-80' Hrd tan fnly xln ls
80-90' Same as above w/drk gry to blk sh
90-100' Hrd tan foss ls w/gry-grn sh
100-110' Soft tan very foss sucrosic ls w/gry sh
110-120' Ls as above w/gry sdy sh
120-130' Drk gry silty sh
130-140' Same as above
140-150' Same as above w/lgt sdy sh
150-160' Gry silty sh
160-170' Same as above
170-180' " " "
180-190' " " "
190-200' Sh as above
200-210' Same as above w/strk brn ls
210-220' Gry sh thin strk coal
220-230' Gry sh and lgt grn sh
230-240' Same as above
240-250' Lgt grn sh
250-260' Gry sh
260-270' Gry-grn sh w/hrd brn sublitho ls
270-280' Grn silty sh and tan fnly xln ls
280-290' Lgt gry limey-sdy sh
290-300' Wh fnly xln ls and gry-grn sh
300-310' Ls as above w/grn silty-sdy sh
310-320' Red and grn sh
320-330' Gry silty sh sdy sh
330-340' Gry-grn shly ss w/gry silty sh and brn fnly xln ls
340-350' Gry silty sdy sh

350-60' Gry sh
 360-70' Same as above
 370-80' Same as above w/tan-wh fnly xln ls
 380-90' Gry-grn sh w/ ls as above
 390-400' Same as above
 400-10' Gry silty sh
 410-20' Hrd blk sh
 420-30' Same as above
 430-40' Lgt gry sh
 440-50' Tan fnly xln ls and drk gry sh
 450-60' Ls as above and blk sh
 460-70' Same as above
 470-80' Blk-grn sh and ls as above
 480-90' Wh sdy sh
 490-500' Gry sh
 500-10' Gry silty sh w/pyrite
 510-20' Same as above
 520-30' " " "
 530-40' Same as above w/strk brn ls
 540-50' Hrd blk sh w/lgt gry sh
 550-60' Gry sdy sh
 560-70' Hrd blk sh strks brn ls
 570-80' Lgt gry sh and brn fnly xln ls
 580-90' Gry silty-sdy sh
 590-600' Gry silty sh w/strks brn ls
 600-10' Same as above
 610-20' " " " w/ hrd brn vfgr mica ss sli
 odor and pale fluor
 620-30' Same as above
 630-40' Same as above
 640-50' Gry sdy mica sh w/ same ss as above
 650-60' Gry silty sh and ss as above
 660-70' Gry sdy mica sh
 670-80' Drk to lgt gry silty-sdy sh
 680-90' Same as above
 690-700' Lgt gry sdy sh
 700-10' Lgt gry spore sh and drk gry sh
 710-20' Lgt gry sh
 720-30' Same as above
 730-40' " " "
 740-50' Drk gry sli sdy sh
 750-60' Same as above
 760-70' " " "
 770-80' Blk sh
 780-90' Blk sh
 790-800' Drk gry sli sdy sh
 800-10' Same as above
 810-17' Same as above w/ gry wh/blue chert and
 wh. fnly xln ls

Logs Run: Gamma Ray
 From 20' to 817'

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Induction - Electrical
From 40' to 816'

Core Analysis: Core Lab Report
From 625' to 748'

Plugging Record:

<u>Depth</u>	<u>Cement</u>
650'	7 sacks
150'	5 sacks
25'	4 sacks
6'	1 sack

ASSOCIATED OIL & GAS CO.

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BOURBON COUNTY, KANSAS

Elevation 1080'

3ER

SPONTANEOUS POTENTIAL
millivolts

RESISTIVITY
- ohms.m²/m

- | +
20

0

50



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY ASSOCIATED OIL & GAS

VELL P. PAGE No. 1

FIELD WILDCAT

COUNTY BOURBON

LOCATION 24S-21E

DATE ON 5-7-65 .

DATE OFF 5-7-65

FORMATION

STATE KANSAS

DRLG. FLD.

REMARKS SERVICE No. 7

FILE NO LP-1-3293

ENGRS SHOCKLEY

CLEV

CORES SCHLUMBERGER

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Side Wall Core Analysis Data

DEPTH, FEET	PERM Md.	POR, %	% POR SAT		PROB PROD.	% OH VOL	% GAS VOL.	%API	DESCRIPTION
			OIL	TOTAL WATER					
3 625	0.4	19.6	0.0	83.2	(6)	0.0	3.3		SD VFG V SHY LAM FA/ ODR STK GOLD FLU
3 628	130.	26.5	3.0	61.5	GAS	0.8	9.4	33	SD VFG SL SHY NO ODR FT GOLD FLU
3 630	105.	27.1	3.7	72.3	GAS	1.0	6.5	33	SD VFG SL SHY FT ODR FT GOLD FLU
3 633	72.	27.1	4.1	58.7	GAS	1.1	10.1	34	SD VFG SL SHY FT ODR FT GOLD FLU
3 637	125.	25.3	5.5	57.8	GAS	1.4	9.3	29	SD VFG SL SHY FT ODR FT GOLD FLU
3 638	135.	26.5	6.0	55.2	GAS	1.6	10.3	29	SD VFG SL SHY FT ODR FT GOLD FLU
3 655 1/2									MUDCAKE W/SOME VFG SD
3 656	2.2	20.2	6.4	79.7	(6)	1.3	2.8	30	SD VFG SHY LAM ARGILL FT ODR STK FT GOLD FLU
3 686	34.	26.4	5.3	54.6	**	1.4	10.6	29	SD VFG SL SHY SLTY FT ODR FT GOLD FLU
3 748	16.	22.2	0.0	78.0	WATER	0.0	4.9		SD VFG SL SHY V SLTY NO ODR NO FLU
					(6)	LOW PERMEABILITY			
					(**)	EXPOSED CORE			DUE TO BROKEN BOTTLE
									DISTRIBUTION OF REPORT:
									ASSOCIATED OIL & GAS
									3703 YOAKUM
									HOUSTON, TEXAS
									ATTN: MR. PERRY (3)
									MR. STAN WICKSTRUM (1)