

SIDE TWO

Operator Name Associated Petroleum Consultants, Inc. Lease Name STUDER Well # 2Sec. 3 Twp. 27 Rge. 12 ☐ East ☒ West County Pratt

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☐ Yes ☒ No
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☐ Sample

Name Top Bottom

SEE ATTACHED

CASING RECORD ☒ New ☒ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"	20#	285'	50/50 portland common	140	3% CC.
Production	7-7/8"	4 1/2"		4311'	FA-2	60	3% CC.
						100	18% salt 5% FA-2

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	4231-4250	75% GAL. 15% DIFE	4231-50
		FAAC: 47,000 GALLONS GEL	
		53,000 LBS SAND	
		4000 GAL KCL FLUSH	

TUBING RECORD	Size	Set At	Picker at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	4257	SN 4247		

Date of First Production	Producing Method
FEB. 15, 1986	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	10 Bbls	RUNNING PU MCF	2 Bbls	CFPB	43°

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☒ Used on Lease

☐ Open Hole ☒ Perforation ☐ Other (Specify)

4231-50

☐ Dually Completed ☐ Commingled

STATE CORPORATION COMMISSION

DEC 8 1986

CONSERVATION DIVISION
Wichita, Kansas

STATE CORPORATION COMMISSION

DEC 31 1986

CONSERVATION DIVISION
Wichita, Kansas

DRILLER'S WELL LOG

DATE COMMENCED: March 24, 1986
DATE COMPLETED: March 26, 1986

Associated Petroleum Cons., Inc.
STUDER #2
NE SW SW
Sec. 3, T27S, R12W
Pratt County, Ks.

ELEVATION: 1875 K.B.

0 - 645' Surface Soil, Sand, Red Bed, Clay
645 - 660' Anhydrite
660 - 3544' Shale & Lime
3544 - 3548' Shale
3548 - 3742' Lime & Shale
3742 - 4098' Lime
4098 - 4312' Chert, Lime
4312' RTD

FORMATION DATA

Anhydrite	645'
Heebner	3544'
Br. Lime	3721'
Kansas City	3742'
Base K.C.	4098'
Miss. Chert	4228'
Miss. Lime	4284'
RTD	4312'

Surface Pipe: Set new 8-5/8"
20# pipe @ 285' w/140 sacks
50/50 pozmix 3% cc and 60
sacks common 3% cc.

Production Pipe: Set used
4 1/2" @ 4311' w/100 sacks FA-2
18% salt 5% FA-2, 230 gals.
FloChek.

AFFIDAVIT

STATE OF KANSAS
COUNTY OF BARTON) ss

Ervin Neighbors of lawful age, does swear and state that the facts and statements
herein are true and correct to the best of his knowledge.

Ervin Neighbors

Subscribed and sworn to before me this 31 day of March 1986.

My Comm. Expires:

4-29-86

L. Dorothy M. Dague
Notary Public

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