

CONFIDENTIAL

SIDE TWO

Operator Name David W. Clothier Lease Name Williamson Well # 1-35

Sec. 35 Twp. 32 Rge. 9 East West County Harper **RELEASED**

WELL LOG

SEP 10 1990

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores, ~~Report~~ 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.

FROM CONFIDENTIAL

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

Formation Description
 Log Sample

DST #1, 3631-3697' (Stalnaker), Rec.-90' Mud, IHP 1728#, IFP 28-28#/30", ISIP 1085#/45", FFP 46-46#/30", FSIP 1065#/45", FHP 1775#, 114°

Name	Top	Bottom
Heebner	3378	(-1958)
Iatan	3634	(-2214)
Stalnaker	3701	(-2281)
K. C.	3944	(-2524)
R.T.D.	4000	(-2580)

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 1/2"	8 5/8"		221'	60/40 Poz	150	2% gel. 3% C.C.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

Drill
35-32-9W

DRILLERS' WELL LOG

DATE COMMENCED: April 1, 1989
DATE COMPLETED: April 7, 1989

David W. Clothier
Williamson # 1-35
60' E of C NE
Sec. 35, T32S, R9W
Harper County, KS

0 - 280' Topsoil, Sand, Red Rock
280 - 1211' Red Bed, Shale
1211 - 1465' Lime & Shale
1465 - 1900' Shale & Lime
1900 - 2400' Lime, Shale Streaks
2400 - 3400' Shale & Lime
3400 - 3558' Lime & Shale
3558 - 3687' Shale, Lime
3687 - 3697' Sand, Shale
3697 - 3923' Lime, Chert, Shale
3923 - 4000' Lime

Elevation: 1421 K.B.

Surface Pipe: Set 8 5/8"
at 221' w/150 sacks
60/40 Pozmix, 2% gel,
3% C.C.

A F F I D A V I T

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

STATE OF KANSAS
COUNTY OF BARTON) ss

APR 13 1989

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

John Armbruster
John Armbruster

SUBSCRIBED AND SWORN to before me this 11 day of April, 1989.

RECEIVED
STATE CORPORATION COMMISSION

Dorothy M Hague
Notary Public

APR 15 1989

CONSERVATION DIVISION
Wichita, Kansas

DOROTHY M. HAGUE
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 5-5-90