

SIDE TWO

Operator Name Robert J. Williams Lease Name Williams Well# 2 SEC 4 TWP 33 RGE 15 East West

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
1st Oswego	791	824
2nd Oswego	835	856
3rd Oswego	862	871
Bartlesville	1095	1112

Date of First Production <u>3-5-86</u>	Producing method <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
	<u>.5</u> Bbls	<u>MCF</u>	<u>15</u> Bbls	<u>CFPB</u>	<u>35</u>

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify)

PRODUCTION INTERVAL

Dually Completed.
 Commingled

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	10"	6 5/8"	14	20	Portland	6	None
Production	5 1/8"	2 7/8"	6.5	1178	Portland	150	

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used) Depth

4 1097 - 1111 Frac w/190 Sacks Sand 1097 to
150 Gal. 15% HCL 1111

120 South 20th Street
Independence, Kansas 67301
(316) 331-3092

DRILLERS LOG

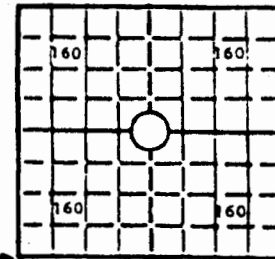
API No. 15 - 125 - 28,227
County Number

S. 4 - 1 33 N. 15 E
W

Loc. SW

County Montgomery

640 Acres
N



APR 21 1986
Locate well correctly
Elev.: Gr.

Operator
Robert Williams

Address
R #3 Box 149 Independence, Kansas 67301

Well No 2 Lease Name **Williams**

Well Location
220 Ft North from Southeast Corner of Section 3520 Ft West from Southeast Corner of Section

Principal Contractor **Thompson Drilling Co. Inc.** Geologist **Bob Williams**

Spud Date **1-30-86** Total Depth **1182** P.B.T.D.

Date Completed **2-4-86** Oil Purchaser **KAN**

DF KB

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	10"	6 5/8	14	20	Portland	6	NONE
PRODUCTION	5 1/8	2 7/8		1178	Circulated By	Consolidated	

WELL LOG

Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Core #1 1082-1102
Core #2 1102-1108

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Clay	0	12	Shale	545	546	Sand	909	915
Shale	12	17	Lime	546	551	Sandy Shale	915	994
Lime	17	22	Shale	551	553	Sand	994	1001
Shale	22	109	Lime	553	559	Shale	1001	1050
Lime	109	131	Shale	559	568	Lime	1050	1051
Shale	131	150	Shale	568	576	Sandy Shale	1051	1085
Lime	150	151	Sand	576	582	Sand Oil Show	1085	1105
Sand	151	168	Shale	582	605	Shale	1105	1182
Shale	168	173	Sand	605	626	TD	1182	
Lime	173	176	Sandy Shale	626	693			
Shale	176	283	Lime Pink	693	714			
Lime	283	286	Shale	714	717			
Shale	286	297	Sand	717	732			
Lime	297	308	Sandy Shale	732	791			
Sand	308	320	Lime OSW	791	824			
Shale	320	369	Shale	824	835			
Lime	369	372	Lime OSW	835	856			
Sandy Shale	372	463	Shale	856	862			
Lime	463	467	Lime OSW	862	871			
Shale	467	480	Shale	871	881			
Lime	480	498	Lime	881	886			
Sand	498	514	Shale	886	901			
Shale	514	539	Lime	901	903			
Lime	539	545	Shale	903	909			

STATE CORPORATE COMMISSION
APR 21 1986
CONSERVATION DIVISION
Wichita, Kansas