

CHICKEN YARD OIL WELLS 2-25
NE 1/4 Sec. 6-7148-R25E Cochise
County

P-M

NE/4

County Cochise

Area _____

Lease No. _____

Well Name CHICKEN YARD OIL WELLS

Location NE/4 Sec 6 Twp 14S Range 25E Footage _____

Elev _____ Gr _____ KB Date _____ Spud _____ Completed _____ Total _____
Abandon _____ Depth _____

Contractor _____

Casing Size _____ Depth _____ Cement _____

Drilled by Rotary _____
Cable Tool _____

Production Horizon _____

Initial Production _____

REMARKS Several (14) shallow (14'-18') holes in this
NE/4

Elec Logs _____ Sample Log _____
Applic. _____ Plugging _____ Completion _____ Sample Descript. _____
to Plug _____ Record _____ Report _____ Sample Set _____
Core Analysis _____
DSTs _____

Water well accepted by _____

Bond Co. & No. _____

Bond Am't \$ _____ Cancelled _____ Date _____
Organization Report _____

Filing Receipt _____ Dated _____ Well Book _____ Plat Book _____

API No. _____ Loc. Plat _____ Dedication _____

Permit Number _____ Date Issued _____

No Ident. Numbers
File no. 2-25

Form 9-593 a

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION BRANCH

Sec. 6

T. 14S

R. 25E

G & S R Mer.

Ref. No. 2

INDIVIDUAL WELL RECORD

PATENTED LAND
~~STATE LAND~~

NE 1/4 6 - 14S - 25E

Cookise

State Arizona

County

Lessee or
Owner

Chicken Yard Oil Wells (14)

Field Wilcox townsite

Operator

District Farmington

Well number Several shallow holes

Subdivision Cor. NE Sec.

Location feet from N S line and feet from E W line of Sec.

Drilling approved 19 Well elevation feet

Drilling commenced 19 Total depth Holes 14 to 18 feet

Drilling ceased 19 Initial prod.

Completed for prod. 19 Gravity A.P.I.

Abandonment approved 19 Initial R.P.

Geologic formations

Productive horizons

Surface Lowest tested Name Depths Contents

Gila conglomerate

Well Status

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

Remarks Shallow holes 14-18 feet deep. A Mr. Lumquist pumped over 10,000 gals. of oil 66-67 gasoline and sold it for 10 & 12 1/2 cents per gallon. On April 28, 1928, can dip oil out of these post holes yet. See photo in Canfield and Moffett scout trip report dated May 1, 1928.

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Form 9-593 a

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION BRANCH

INDIVIDUAL WELL RECORD

Sec. 6
T. 14S
R. 25E
G & S R Mer.
Ref. No. 2

PATENTED LAND
~~SECTION~~

*Patented and leased
to the U.S. Government*

State Arizona

County Cochise

Lessee or Owner } Chicken Yard Oil Wells (14) Field Wilcox townsite

Operator District Farmington

Well number Several shallow holes Subdivision Cor. NE Sec.

Location feet from N S line and feet from E W line of Sec.

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Geologic formations		Productive horizons		
Surface	Lowest tested	Name	Depths	Contents

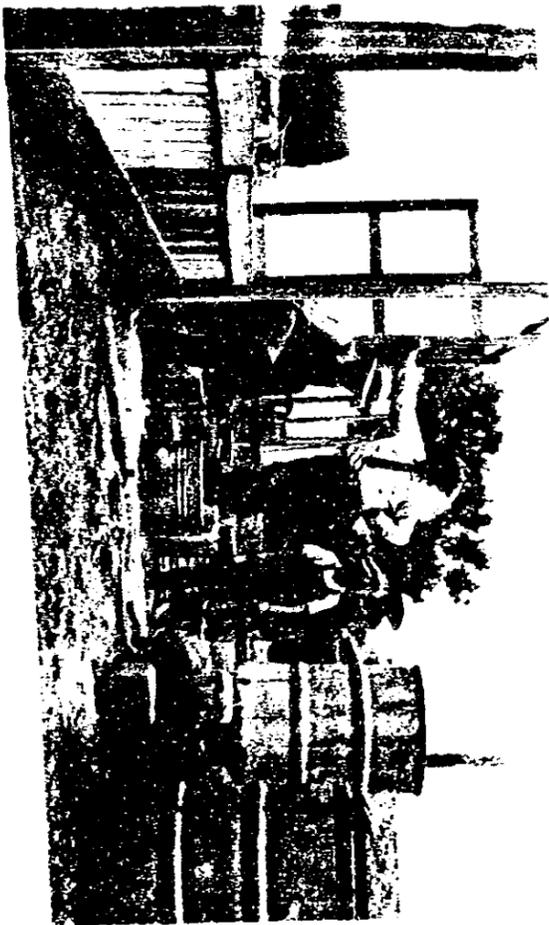
Gila conglomerate

Well Status

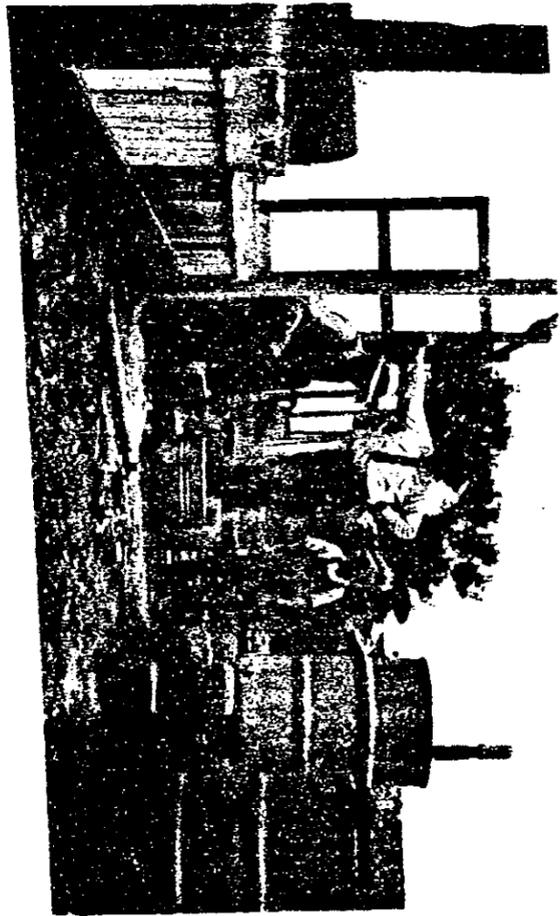
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

2-24

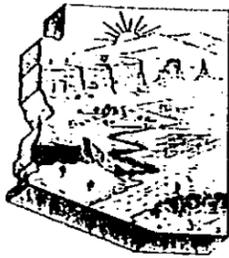
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2-25



2-25



FIELDNOTES

From The State Of Arizona
Bureau Of Geology And Mineral Technology

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THE WILLCOX "OIL FIELD"

By Edgar B. Heylman

The Southern Pacific Railroad drilled a 650-foot water well across the tracks from the Willcox depot in the late 1800's. The well produced clear, cool water until the 1920's, when the well started to produce 42.3° A.P.I. (American Petroleum Institute) high gravity, low-sulfur oil along with water. The ice plant water well, two blocks to the north, also started to produce oil, and a portion of the town's water supply became contaminated with oil. Fourteen hand-dug postholes in the chicken yard of the Lundquist residence, near the railroad, produced over 10,000 gallons of oil, and several additional wells drilled within two or three blocks of the Southern Pacific well encountered oil. The U.S. Bureau of Mines tested the oil in 1937 and reported it to be "natural crude".

Several hundred barrels of high-gravity oil were produced from the Willcox "oil field" in the 1920's and 1930's, and were sold locally, unprocessed, for 10-12 cents a gallon, for use in stoves, lanterns, farm machinery, and even in automobiles. The occurrence of oil in the town of Willcox brought on a flurry of promotional activity by speculators, and a number of wells were drilled for oil and gas in southeastern Arizona between 1930 and 1963. Some of the reported oil and gas shows were probably legitimate, but a number of the reported oil shows cannot be confirmed by a study of well-cuttings kept on file by the State of Arizona.

How can the "oil field" at Willcox be explained? Did an oil field suddenly migrate into the area and cause high-gravity oil to seep into wells that had been producing clear, clean water? The writer went to Willcox to get at the heart of the matter. Old records and town plats were examined and longtime residents were quizzed. The answer to the problem appears to be obvious. Following World War I, storage tanks for oil were constructed along the railroad. Some of the tanks were masonry cisterns which apparently leaked like a sieve, and some of the underground piping also leaked. In the late 1930's, the storage tanks were replaced. Upon replacement of the tanks, all *oil production* ceased within a few weeks. There appears to be little question that the oil was leaking from the storage tanks and entering the groundwater system, affecting an area of six to eight blocks in downtown Willcox. The Willcox oil was not "natural crude," and the mystery of the Willcox oil field appears to have been solved. This is not to say, though, that good, bona fide oil and gas possibilities do not exist in parts of southeastern Arizona.