

P-W

Geronimo Oil Co. Clark-Holliday #1
NE 1/4 - NE 1/4 Sec 6 - Twp 14S - R 25E 2-11
Cochise County No Permit

C-145-25E

County Cochise

Area Willcox Town
Block 42, Lot 8

Lease No. _____

Well Name Geronimo Oil Company Clark Holliday #1

Location NE NE Sec 6 Twp 14S Range 25E Footage est. 330 ft 330 ft

Elev _____ Gr _____ KB Date Apr 1930 Spud _____ Completed: _____ Total _____
Abandon Aug. 1930 Depth 428
Approx. _____

Contractor: _____ Cost \$ _____

Casing Size	Depth	Cement	Drilled by Rotary	Cable Tool
<u>10"</u>	<u>43'</u>	_____	_____	_____
<u>8"</u>	<u>425'</u>	_____	_____	_____

Production Horizon _____
Initial Production D&A

REMARKS Blue shale + oil 11-18'; Gravel + H₂O 22-42', Blue shale + oil 51-66'
Sand, H₂O + oil 66-73', Blue shale + oil 73-78'; Sand oil 425-428 T.D.

"44° Gravity - very little sulphur"

Elec. _____	Sample Log <u>NO</u>
Logs <u>NO</u>	Sample Descrip. <u>NO</u>
Applic _____	Sample Set _____
to Plug _____	Corés _____
Plugging _____	Completion _____
Record _____	Report _____

Water well - accepted by _____

Bond Co. & No. _____

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

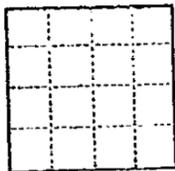
Filing Receipt _____ Dated _____ Well Book _____ Plat Book _____
Loc. Plat _____ Dedication _____

API # 02-003-05017

PERMIT NUMBER none Date Issued _____

2-11

Form 9-553a
(September 1944)



PATENTED LAND
STATELAND

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION BRANCH

INDIVIDUAL WELL RECORD

Section 6
T. 11S
R. 25E
G & S R Mer.
Reference No. 1

Date _____

State Arizona

Lessee or owner _____

County Cochise

Field Sulphur Springs Valley

Operator Geronimo Oil Company

District Marionston

Well No. 1 (Clark-Holliday)
Block 42 Lot 5 town of Wilcox

Subdivision NE¹ NE¹ NE¹

Location _____

Drilling approved _____, 19____

Well elevation R. I. feet.

Drilling commenced April, 1930

Total depth 128 feet.

Drilling ceased Aug, 1930

Initial production _____

Completed for production _____, 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.
1931	DSI											
1932	DSI											
1937	APD											

REMARKS DSI at 128' in August 1930. Log on reverse side.

No permit

0	11	Blue shale, sand
11	18	Blue shale and oil
18	22	Yellow caly
22	42	Coarse gravel and H2O
42	51	Yellow clay
51	66	Blue shale and oil
66	73	Sand H2O and oil
73	78	Blue shale and oil
78	93	Light blue shale and sand
93	100	Sand stone
100	102	Blue shale
102	225	Dark blue shale
225	270	Light blue shale
270	330	Penn Lime - shells 2750278
330	340	Brown shale
340	350	Penn lime stone
350	392	Dark borwn shale
392		Formation changed to dark blue or green with gas and oil
425	428	Sand-oil

April 5, 1930

10" - 13
8" 0.425

Oil Analysis
 "Initial" 220
 37% gas
 16% Kero
 98% recovery
 44° gravity
 Very little sulphur.

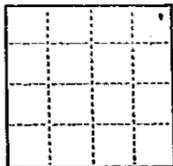
0	11	Blue shale, sand
11	18	Blue shale and oil
18	22	Yellow caly-
22	42	Coarse gravel and H2O
42	51	Yellow clay
51	66	Blue shale and oil
66	73	Sand H2O and oil
73	78	Blue shale and oil
78	93	Light blue shale and sand
93	100	Sand stone
100	102	Blue shale
102	225	Dark blue shale
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392		Formation changed to dark blue or green with gas and oil
425	428	Sand-oil

April 5, 1930

10" -13
8" 0425

Oil Analysis
 "Initial" 220
 37% gas
 16% Kero
 98% recovery
 44° gravity
 Very little sulphur.

Form 9-593a
(September 1944)



PATENTED LAND
STATELAND

Master Cut
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION BRANCH

INDIVIDUAL WELL RECORD

Section 6
T. 14S
R. 25E
G. & S. R. Mer.

Date _____ Reference No. 1

State Arizona

Lessee or owner _____ County Cochise

Field Sulphur Springs Valley

Operator Geronimo Oil Company District Farmington

Well No. 1 (Clark-Holliday) Subdivision NE¹/₄ NE¹/₄ NE¹/₄
Block 42 Lot 8 town of Wilcox

Location _____

Drilling approved _____, 19____ Well elevation R. I. feet.

Drilling commenced April, 19 30 Total depth 428 feet.

Drilling ceased Aug., 19 30 Initial production _____

Completed for production _____, 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.
1931	DSI 428											
1932	DSI											
1937	ABD											

REMARKS DSI at 428' in August 1930. Log on reverse side.

No permit

GERONIMO OIL COMPANY - CLARK - HOLLIDAY #1

Sec. 6, T. 14 S., R. 25 E. (Block 42, Lot 8, town of Willcox, Arizona - Cochise County)
NE NE NE Sec 6 - 14S-25E

TD 428

Drilling commenced: April, 1930
Drilling ceased: August, 1930

0	11	Blue shale, sand
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425	428	Sand-oil

April 5, 1930

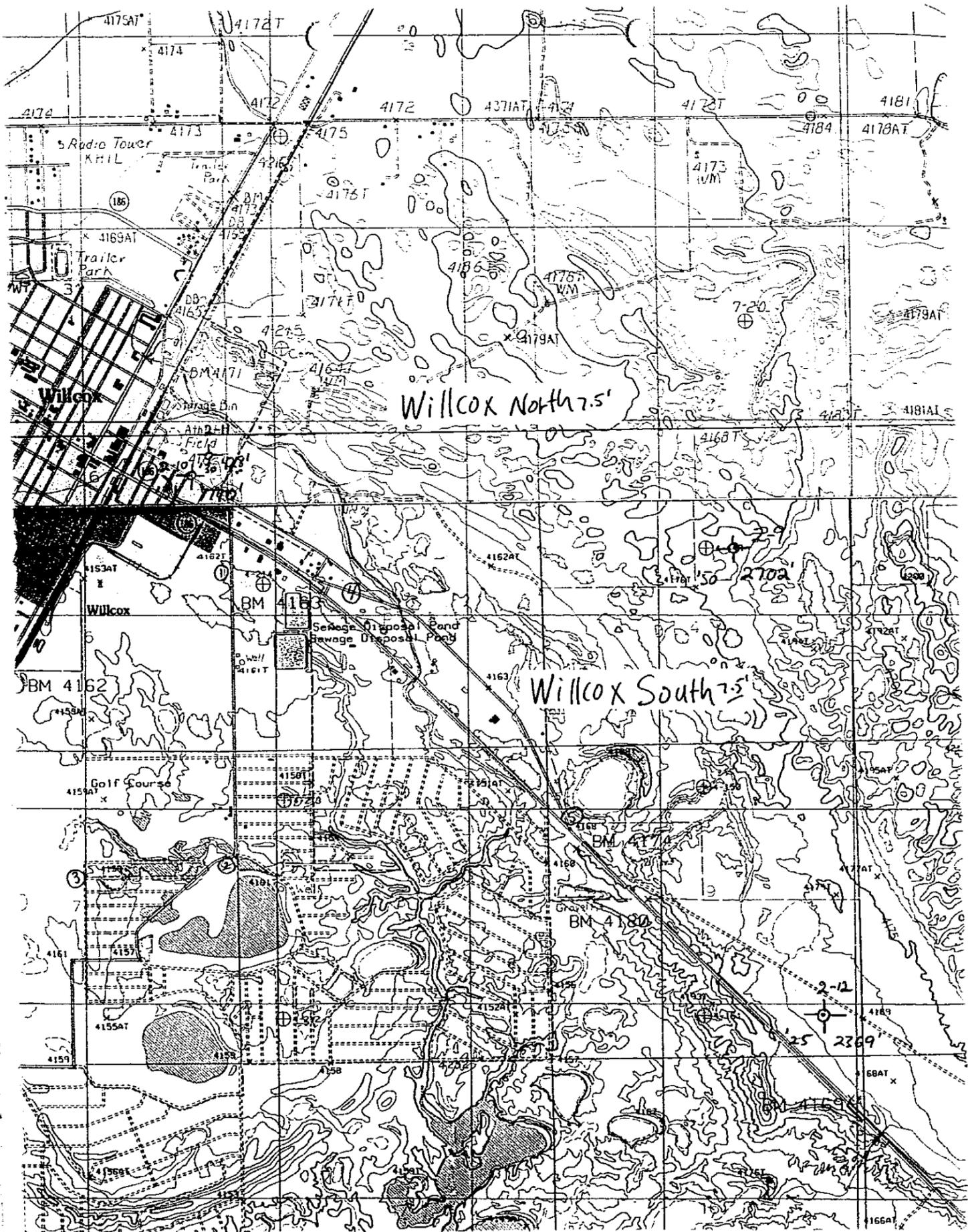
10" - 43

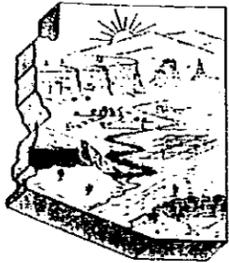
8"0425

Oil Analysis
"Initial" 220
37 1/2% gas
16% Kero
98% recovery
14.5 gravity
Very little sulphur

no permit

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FIELDNOTES

From The State Of Arizona
Bureau Of Geology And Mineral Technology

Vol. 10, No. 1

Earth Sciences and Mineral Resources in Arizona

March 1980

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.

Graham County Guardian and Gila Valley Farmer (Safford, Ariz.);

38. June 5, 1931, p. 9: "Oil Activity Reported in Cochise Area" "Willcox - A general survey of work in the oil fields throughout this district shows considerable activity.

The Windle well has been spudded in on the Riggs ranch property between Willcox and Pearce and the Benedum Trees company is making considerable progress in drilling near here. Much interest is centered on these two projects as both are declared to be operating in choice locations.

The Bowie-San Simon Oil company declared to be operating at its well west of San Simon (garbled sentence). The Geronimo Oil company has added two more rigs for drilling with the Clark-Holiday drill suspended at 426 feet. The new rigs are on the Anna Bruning No. 1 and Keystone locations.

The Geronimo Oil company has drilled 221 feet in its third shallow well spudded in at Willcox and is now engaged in a production test with the hope of bringing in a five or ten-barrel well.

At the Anna Bruning well, No. 1, located half a mile southwest of Willcox, another production test is contemplated. Tests made at Los Angeles are reported as showing that the company has encountered a commercial oil sand but that much of the petroleum was washed out by warm artesian water, since shut off.

Deep Test Planned

The company is continuing drilling operations at another well, the first drilled by this concern, in Willcox, which is near 600 feet in depth.

New equipment to carry on production tests will be brought from Los Angeles soon, according to the Arizona Range News, Willcox newspaper. The company also proposes to initiate a deep test well with a standard rig soon on the east side of the Southern Pacific track south of Willcox, the newspaper states.

file 2-11

3/27/31
2-10

6/19/31
p. 2

filed alph.

GERONIMO OIL COMPANY - CLARK - HOLLIDAY #1

1930

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