

P-W

FLETCHER #1-21 SPURLOCK
NE SE 21-19N-26E APACHE CO.

214

S1

COUNTY Apache AREA 8 Mi SW/Navajo LEASE NO. Spurlock Fee

WELL NAME R. L. Fletcher #1-21 Spurlock

LOCATION NW SE SEC 21 TWP 19N RANGE 26E FOOTAGE 1645' FSL 1645' FEL

ELEV 5651' GR KB SPUD DATE 10-9-62 STATUS TOTAL
COMP. DATE 6-21-62 DEPTH 925'

CONTRACTOR

CASING SIZE 4 1/2" DEPTH 723' CEMENT 50 sx LINER SIZE & DEPTH NA DRILLED BY ROTARY X
DRILLED BY CABLE TOOL
PRODUCTIVE RESERVOIR
INITIAL PRODUCTION PGA

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Chinle	5		X	
Chinle Congl.	596'			
Shinarump	672'			
Moenkopi	684'			
Salt & Papper	800'			
Moenkopi	822'			
Coconino	918'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
IE	672-683' Sand Frac.		SAMPLE DESCRP. <u> </u> SAMPLE NO. <u> </u> CORE ANALYSIS <u> </u> DSTs <u> </u>

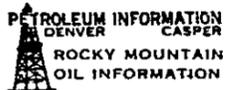
REMARKS Helium Show TA Status 7/15/63 - 10-15-63 APP. TO PLUG X
PLUGGING REP. X
COMP. REPORT X

WATER WELL ACCEPTED BY

BOND CO. Hartford Accident & Indemnity Co. BOND NO. 3206053
DATE ORGANIZATION REPORT none
BOND AMT. \$ 2,500 CANCELLED 6-25-65 WELL BOOK X PLAT BOOK X
FILING RECEIPT 9317 LOC. PLAT X DEDICATION All
API NO. 02-001-05315 DATE ISSUED 9-19-62

PERMIT NUMBER 217

ARIZONA
APACHE CO.
PINTA DOME (D)



Twp 19n-26e
Section 21
nw se
1645 n/s 1645 w/e

OPR: R. L. Fletcher

WELL #:

1-21 Fletcher-C

ELEV: 5913 Gr.

DSTS. & CORES:

SPUD: 10-5-62

COMPL:

TOPS: Log-Sample

TD: 920

PB:

CSG: 4 1/2" @ 720 w/80

PERF:

PROD. ZONE:

INIT. PROD:

SD

Contr: Apache

(CARD WILL BE RE-ISSUED WHEN ACTIVITY RESUMES)

ARIZ 4-468240

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator **R. L. Fletcher** Address **7620 N. 7th Street, Phoenix**

Federal, State or Indian Lease Number or name of lessor if fee lease **Spurlock Fee** Well Number **1-21** Field & Reservoir **Wildcat**

Location **1645 FEL 1645 FSL** County **Apache**

Sec. TWP-Range or Block & Survey **SEC 21 - 19 N - 26 E**

Date spudded **10-9-62** Date total depth reached **10-23-62** Date completed, ~~10-23-62~~ **6-21-65** Elevation (DE, RKB, BT or Gr.) **GL. 5651** feet Elevation of casing hd. flange **5652** feet

Total depth **925** P.B.T.D. Single, dual or triple completion? If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion Rotary tools used (interval) **YES** Cable tools used (interval)

Was this well directionally drilled? **NO** Was directional survey made? **NO** Was copy of directional survey filed? **NO** Date filed

Type of electrical or other logs run (check logs filed with the commission) **Electrical Induction** Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	6-3/4	4 1/2 OD	9.50	723	Circulate 50 sks.	

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
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PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
4 SHOTS	5/8 SLVG	672 - 683	SAND FRAC 6,000 GAL WATER 6,000 LBS SAND	

INITIAL PRODUCTION

Date of first production **NONE** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test Hrs. tested Choke size Oil prod. during test Gas prod. during test Water prod. during test Oil gravity
NONE **NONE** **MCF** **bbls.** **API (Corr)**

Tubing pressure Casing pressure Cal'ed rate of Production per 24 hrs. Oil Gas Water Gas-oil ratio
NONE **NONE** **bbls.** **SHOW** **MCF** **bbls.**

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the of the (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date _____ Signature *[Handwritten Signature]*

Permit No. **214** STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File One Copy

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
SURFACE	0	5'	CLAY
CHINIE	5	596	SHALE, CLAY & SAND
CHINIE CONGL	596	684	SAND
MOENKOPIE	684	800	SANDY SHALE
SALT & PEPPER	800	822	SAND
MOENKOPIE	822	918	SHALE
COCONINE	918	925	SAND
			<p>Salt water in Coco. results of drill steam test open over night.</p> <p>Hole plugged with cement back to 723</p> <p>Set pipe and circulate cement perforated 672 to 683. had show of Helium. Sand frac. Frac went down. No recovery of frac fluid.</p>

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

APPLICATION TO ABANDON AND PLUG

FIELD WILDCAT

OPERATOR R. L. FLETCHER ADDRESS 7620 N. 7th ST., PHOENIX
Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease SPURLOCK FEE WELL NO 1-21
SURVEY R. 19 N 26 E SECTION 21 COUNTY APACHE
LOCATION 1645 FEL 1645 FSL

TYPE OF WELL DRY HOLE TOTAL DEPTH 925
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)

LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
GAS NONE (MCF) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD 4 1/2 OD SET 723' CIRCULATE CEMENT TO SURFACE

2. FULL DETAILS OF PROPOSED PLAN OF WORK PUMP HOLE FULL OF CEMENT

If well is to be abandoned, does proposed work conform with requirements of Rule 202? YES If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS JUNE 21, 1965

NAME OF PERSON DOING WORK C. T. HENDERSON ADDRESS 3311 W. CAMELBACK ROAD

CORRESPONDENCE SHOULD BE SENT TO R. L. FLETCHER

Name OWNER

Title _____

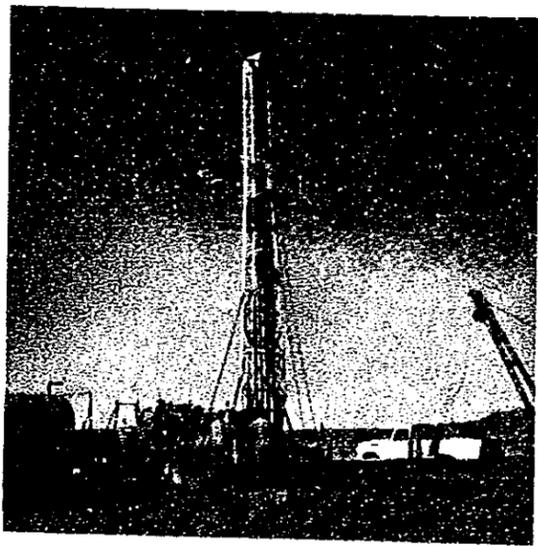
Address _____

Date _____

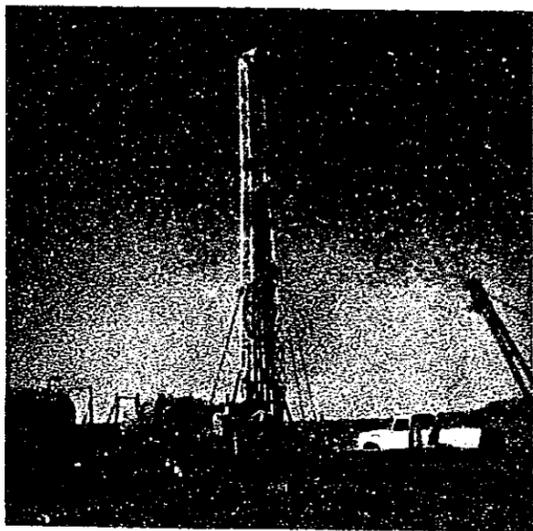
Date Approved June 25, 1965
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John Vannister

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
File Two Copies
Form No. 9

Permit No. 214



FLETCHER #1-21-FLETCHER-SPURLOCK
FEE, Sec. 21-T19N-R26E, just west
of Pinta Dome Helium Field. May
be completed as Helium will be
214 from shinarump. Apache County 10-1962



FLETCHER #1-21 FLETCHER-SPURLOCK
FEE, Sec. 21-T19N-R26E, just west
of Pinta Dome Helium Field. May
be completed as Helium will be
from shinarump. Apache County ¹⁰⁻¹⁹⁶² 214

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR

DATE

R. L. Fletcher
 Address *7620 N. 7th St. Phoenix, Arizona*

DESCRIPTION OF WELL AND LEASE

Name of lease <i>Fletcher - Sparlock Fee</i>	Well number <i>1-21</i>	Elevation (ground) <i>5651</i>
Well location <i>1645 From S. Line + 1645 From E. Line</i>	Section—township—range or block & survey <i>Sec. 21 T19N-R-26E.</i>	
Field & reservoir (if wildcat, so state) <i>Wildcat</i>	County <i>Apache</i>	
Distance, in miles, and direction from nearest town or post office <i>8 miles South and 3 Miles West of Navajo, Ariz</i>		
Nearest distance from proposed location to property or lease line: <i>1645</i> feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet	
Proposed depth: <i>1000 Ft.</i>	Rotary or cable tools <i>Rotary</i>	Approx. date work will start <i>Oct. 1, 1962</i>
Number of acres in lease: <i>640 Ac.</i>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <i>1</i>	
If lease, purchased with one or more wells drilled, from whom purchased: <i>None</i>	Name	Address
Status of bond <i>1 WEH Bond \$2500.00</i>		

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

No

* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the *Individual* of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date *Sept. 17, 1962* Signature *[Handwritten Signature]*

Permit Number: *214*
 Approval Date: *9-19-62*
 Approved By: *[Handwritten Signature]*
 Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.
 See Instruction on Reverse Side of Form

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
 Application to Drill, Deepen or Plug Back
 Form No. P-1 File two copies
 Effective Feb. 28, 1962.

OK John R. H. 9/14

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

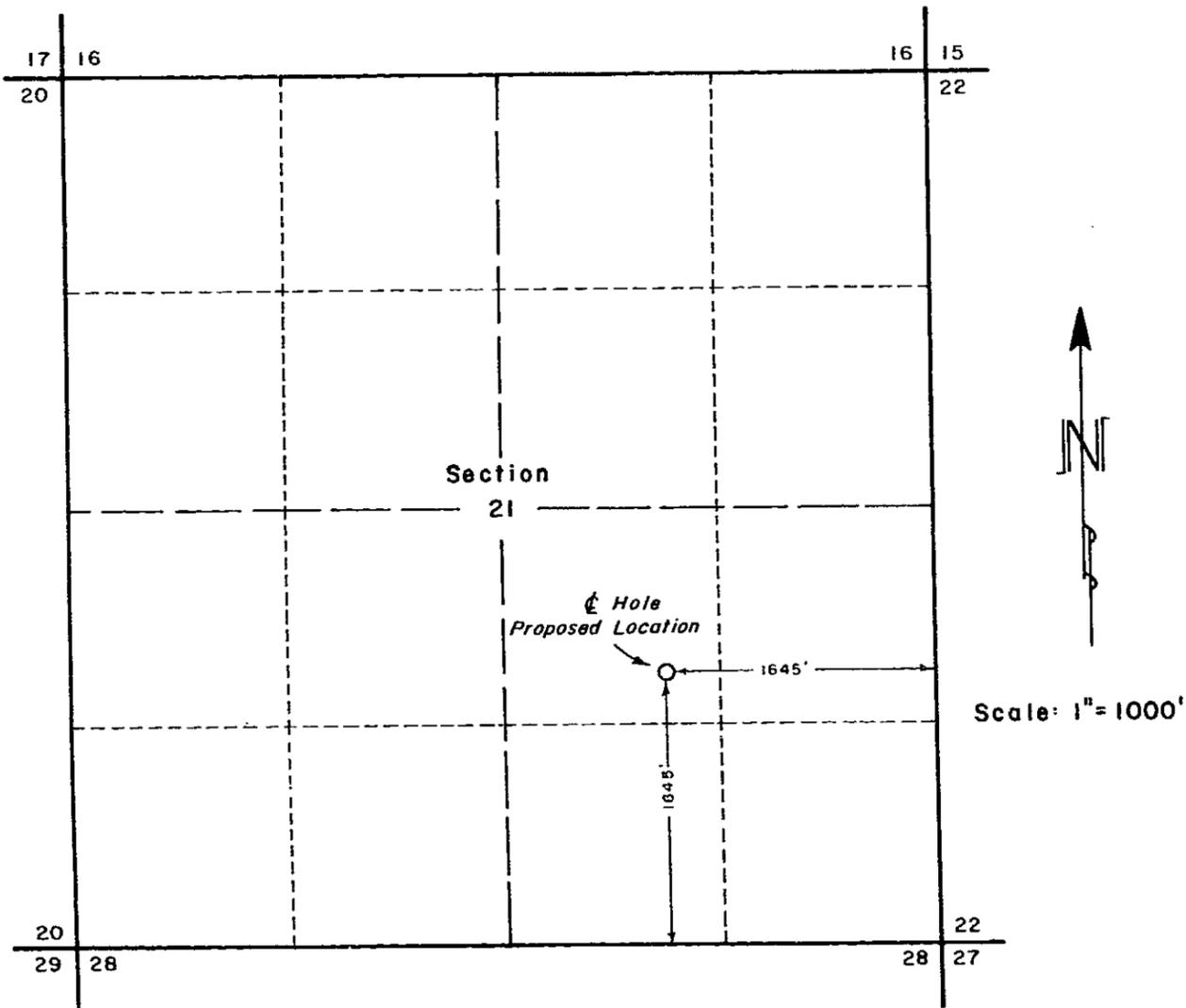
In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

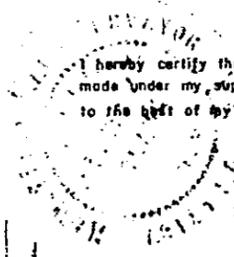
PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
7" OD 4/200	174.8 8.5	J55	0 0	80' 1000	CIRCULATE	



WELL LOCATION: Fletcher - Spurlock # 1-21

Located 1645 feet North of the South line and 1645 feet West of the East line of Section 21,
 Township 19 North, Range 26 East, Gila & Salt River Meridian.
 Apache Co., Arizona
 Existing ground elevation determined at 5651 feet based on U.S.G.S. datum.



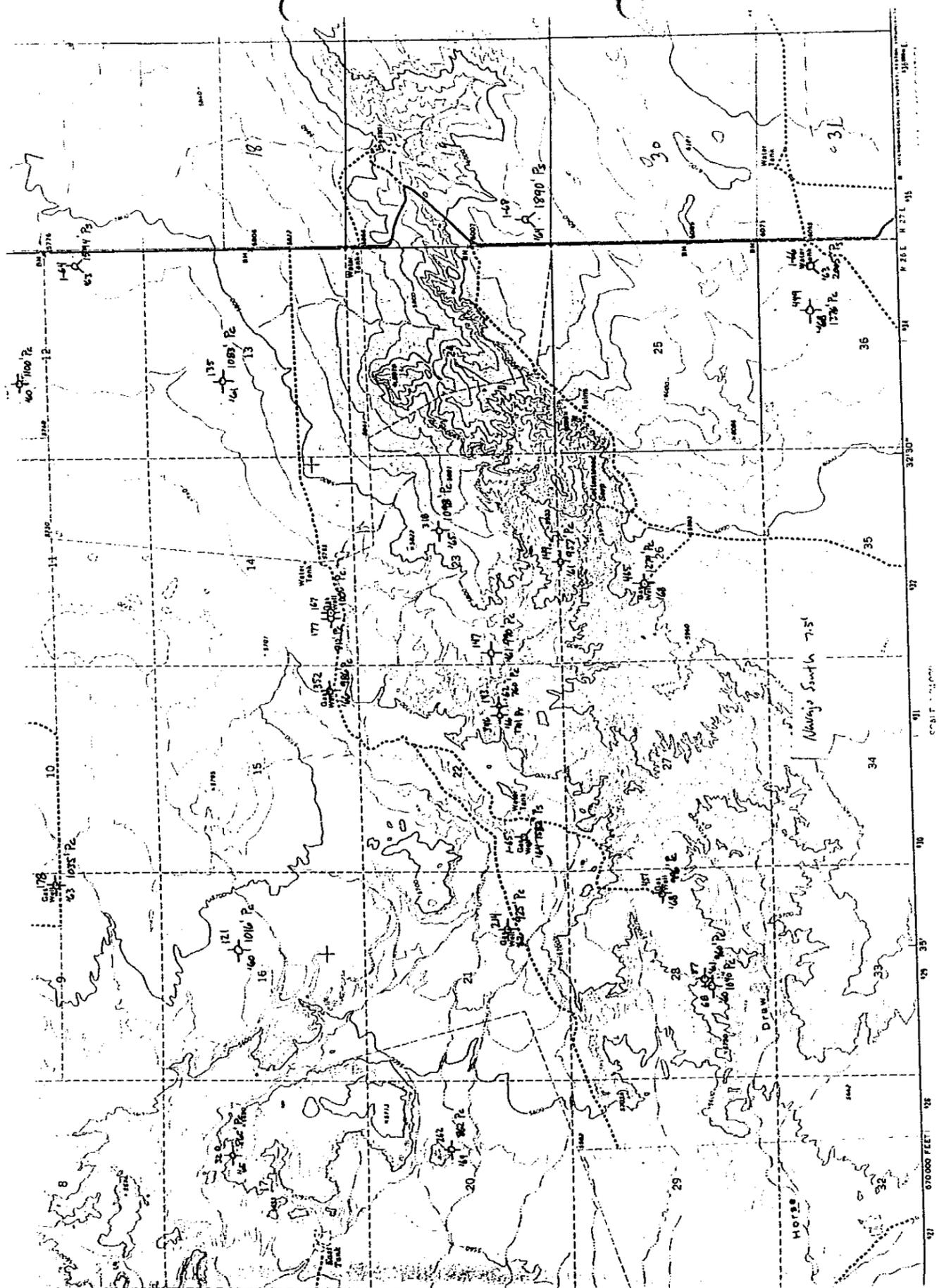
I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
 Registered Land Surveyor
 State of Ariz. # 4973

[Redacted]	
WELL LOCATION PLAT NW 1/4-SE 1/4 Sec. 21, T19N, R26 E Apache Co., Arizona	
E.M. CLARK & ASSOC. Durango, Colorado	DATE: April 9, 1962 FILE NO: 62018

5/16/62



© The Geographical Survey

PY BOND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 3206053

That we: R. L. FLETCHER
of the County of: MARICOPA in the State of: ARIZONA
as principal, and HARTFORD ACCIDENT & INDEMNITY CO.
of CONN.

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

1645' from South Line and 1645' from East Line, Section 21, Twp. 19 North,
(May be used as blanket bond or for single well)

Range 26 East, Apache County, Arizona; being approximately 8 miles South

and 3 miles West of Navajo, Arizona

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of --- TWENTY FIVE HUNDRED AND NO/100 ---

Witness our hands and seals, this 17th day of September, 1962

S/S R. L. FLETCHER
Principal

Witness our hands and seals, this 17th day of September, 1962

HARTFORD ACCIDENT & INDEMNITY CO.,

CANCELLED

Alvin J. Gandy
ATTY-IN-FACT Surety

If the principal is a corporation the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved _____
Date _____
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2

Permit No. 214

June 25, 1965

Mr. R.L. Fletcher
1112 S. 16th Street
Phoenix, Arizona 85034

Re: Fletcher #1 Spurlock Fee well
NE/4SE/4 21-T19N-R26E, Apache County
Our file 214
and
Hartford Accident & Indemnity Co. Bond 3206053

Dear Mr. Fletcher:

Since this well has now been plugged and all necessary reports and logs have been submitted, this letter is the authority of this Commission to release captioned bond.

Yours very truly,

John Bannister
Executive Secretary
mr

cc: Betts Traubel Insurance, P.O. Box 96, Glendale, Arizona

June 21, 1965

Betts Traubel Insurance
P.O. Box 96
Glendale, Arizona 85301

Attention: Miss Dorothy Yancy

Re: Fletcher #1 Spurlock Fee well
NE/4SE/4 21-T19N-R26E, Apache County
Our file 214
and
Hartford Accident & Indemnity Co. Bond 3206053

Gentlemen:

We are in receipt of your letter of June 18, 1965 whereby you request that the captioned bond be terminated.

Please be advised that as of this date this well has not been plugged and accordingly is not in compliance with our Rules and Regulations. Consequently this bond cannot be released until such time as said well has been plugged and necessary reports, i.e., Application to Plug, Plugging Record, and Well Completion Report, have been filed with this office.

Should you have any questions, would you please advise.

Yours very truly,

John Bannister
Executive Secretary
MB

cc: Mr. R.L. Fletcher, 1112 S. 16th St. Phoenix, Ariz. 85034
Mr. C.T. Henderson, 3311 W. Camelback Rd., Phoenix, Arizona

BETTS TRAUBEL

PHONE 937-9279

7011 N. 58th AVENUE

P. O. BOX 96

GLENDALE, ARIZONA

85301



June 18, 1965

Mr. John Bannister, Exec. Secretary
Oil & Gas Conservation Commission
1624 W. Adams Street - Suite 202
Phoenix, Arizona

Dear Mr. Bannister:

At the request of Mr. Fletcher we have issued and are enclosing copy of bond which we executed for him September 17, 1962 for the purpose of drilling a well in Section 21, Twp. 19 North, Range 26 East, Apache County, Arizona.

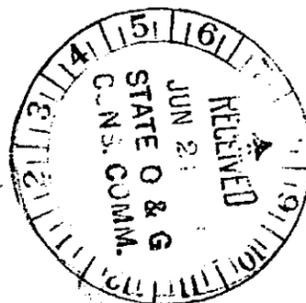
Mr. Fletcher advises that he no longer needs this bond, but before the company can terminate their liability they need a release from you.

Thanking you, we remain

Yours very truly,

Clorothy Yancy

Encls.
dy



217

Insurance Since 1920

June 7, 1965

Mr. R. L. Fletcher
7620 North 7th Street
Phoenix, Arizona

Re: Hartford Indemnity Company Bond #3206053, Amount \$2,500
Covering oil and gas well located 21-T19N-R26E,
Apache County, Arizona
Permit 214

Gentlemen:

Would you please furnish this office with a copy of the approved captioned bond, together with the applicable power-of-attorney.

Your earliest cooperation is very much appreciated.

Yours very truly,

John Bannister
Executive Secretary
cb

STATE of ARIZONA
OIL and GAS CONSERVATION COMMISSION
CAPITOL ANNEX
ROOM 202
1624 WEST ADAMS STREET
PHOENIX, ARIZONA

COMPANY R. L. Fletcher DATE 8-5-1964
RE: WELL NAME & NUMBER: Fletcher-Spurlock Fee #1-21
LOCATION: SECTION 21 TWP-19N R-26E COUNTY Apache
FILE NUMBER 214

Gentlemen:

We have reviewed our files and find that we need the below checked item (s) in order to complete same. Will you please fill in the enclosed form (s), at your earliest convenience, and return them to this office. May we remind you that your bond (#3206053),

issued by Hartford Accident & Indemnity Company) can be forfeited for failure to comply.

In addition we request a copy of any log run on this ~~(well)~~ well (#).

Your cooperation is appreciated. If we may be of service to you please advise.

Yours very truly,

Bill Cooper

Bill Cooper
Records Section

Completion Record

Plugging Record

Well Log
cc/Bonding Company

Application to plug and abandon

214

July 16, 1963

Mr. R. L. Fletcher
1112 South 16th Street
Phoenix 34, Arizona

Re: Fletcher-Spurlock Fee No. 1021, Sec. 21,
T 19 N, R 26 E, Apache County, Arizona

Dear Mr. Fletcher:

Thank you for your letter of July 15 requesting temporary abandonment of the captioned well.

This request is granted, not to exceed ninety (90) days.

We hope that your efforts to bring the well on production are successful. If there is anything that the staff of this office can assist you in, please call on us.

Yours very truly,

N. A. Ludewick
Executive Secretary

R. L. Fletcher Construction Co., Inc.
GENERAL CONTRACTOR

PHONE 252-7241
1112 SOUTH 16th STREET
PHOENIX 34, ARIZONA
July 15, 1963

N. A. Ludewick
Executive Secretary
Oil and Gas Conservation Commission
1624 West Adams
Phoenix 7, Arizona

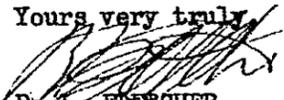
Re: R. L. Fletcher - Fletcher - Spurlock Fee No. 1 - 21
Sec. 21, T 19 N, R 26 E, Apache County, Arizona

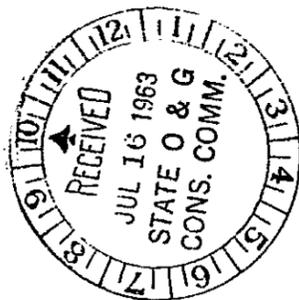
Dear Mr. Ludewick:

I hereby request temporary abandonment of this well because we have still been doing experimental work on it. At the present time we have acid treatment in the well which we want to keep close check on. If it does not work out the way we anticipate we will then file for permanent abandonment, plug this well and drill a new well a few feet away.

I am sorry I did not request this sooner but was not aware of the rules and regulations of the Oil and Gas Commission. If you have any further questions regarding this matter, please let me know.

Yours very truly,


R. L. FLETCHER



July 8, 1963

Mr. R. L. Fletcher
7620 North 7th Street
Phoenix, Arizona

Re: R. L. Fletcher - Fletcher-Spurlock Fee No. 1 - 21
Sec. 21, T 19 N, R 26 E, Apache County, Arizona

Dear Mr. Fletcher:

This commission issued you its permit No. 214 on September 19, 1962 to drill a well at the captioned location.

Our geologist, Mr. John Petty, has observed your operation from time to time and has reported to the commission accordingly.

One of this commission's rules (#202-B) states that when operations on a well have been suspended for sixty (60) days, the well shall be plugged unless written permission for temporary abandonment shall be obtained from the commission.

It is indicated that your operation has been suspended in excess of sixty (60) days. To comply with the rules of this commission, will you please request permission for temporary abandonment of the captioned well or request permission to plug and abandon same.

Yours very truly,

N. A. Ludewick
Executive Secretary

September 21, 1962

Mr. R. L. Fletcher
7620 North 7th Street
Phoenix, Arizona

Re: R. L. Fletcher - Fletcher - Spurlock Fee #1 - 21
Section 21, T19N, R26E, Apache County, Arizona

Dear Mr. Fletcher:

Enclosed is your approved copy of application for permit
to drill the above described test.

Also enclosed is your receipt for the \$25.00 permit fee.

We certainly want to wish you the best of luck in this
venture and look forward to being of more service to you.

Yours very truly,

John K. Petty
Petroleum Geologist

encs

2/41