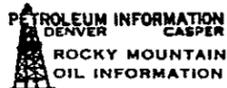


Harrison Producing Co./Townsend
NW/4-SE/4 Sec. 21-T15N-R29E
Apache County

49

H-11

ARIZONA
APACHE COUNTY
WILDCAT (W)



Twp 15n-29e
Section 21
c nw se

OPR: Harrison Producing

WELL #: 1 Townsend-Harrison Producing

ELEV: 5705 GL 5707 DF

DSTS. & CORES:

SPUD: 2-6-58

COMPL: 3-59

*TOPS: Log-Sample

TD: 750
CSG: 13-3/8" @ 296 w/296
10" @ 700

PERF: Spud in R per USGS

*never
Produced*

PROD. ZONE:

INIT. PROD: SD.

Contr: Hinds & Whetten

Earl Platt on Harrison Riv.

Walter W. Patty

Hog 4 Cowley St Johns
D/L - Log

H T Harrison Oakland, Calif.

From the desk . . .

W. F. MAULE

on location 3/28/60
use our hole plug in
top of hole

H. T. Harrison
Zeephyr Cove Nevada
Box 112

home 1075 Longridge Rd
Oakland Calif
Niyete 40946

North Arnel apt
8961 Sunset Blvd
L.A.

To Bill

Date _____ Time _____

WHILE YOU WERE OUT

M Warren Fowler

of W 115-2659

Phone _____

TELEPHONED		PLEASE CALL	
CALLED TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		URGENT	

Message _____

Operator

from the desk of A1 4 577

F. C. RYAN

"All water strata will
will be confined to their respective
strata and will be adequately
protected."

1. Elevation is not within 600'
800 ft. of accurate, Need
an accurate level shot.

2. An approximation of depth
of surface casing.

(over)

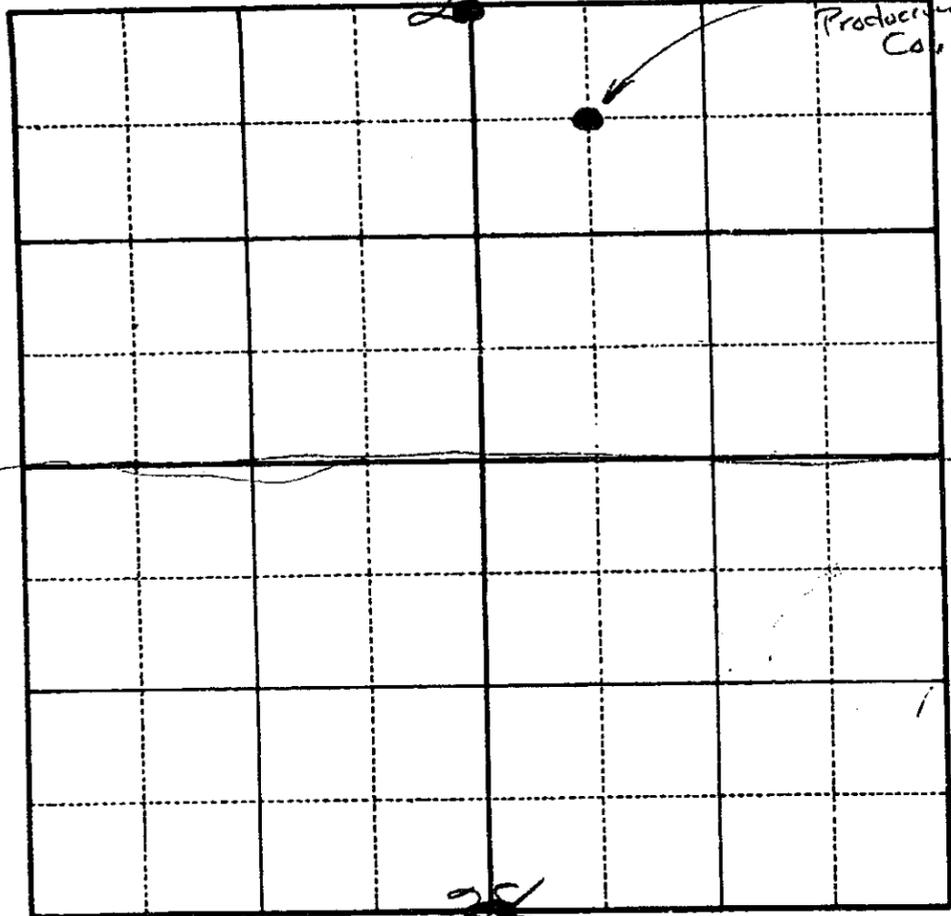
Called Roxbee 11:20
1-11-58.

Outlined requirements
on other side. Mr. Williams
will be up Monday to
addenda patent.

JLR

SEC. 21-28 T. 15 N. R. 29 E.

Harrison
Producing
Co.



SCALE 1" = 1000'

ABSTRACTED _____ AREA _____

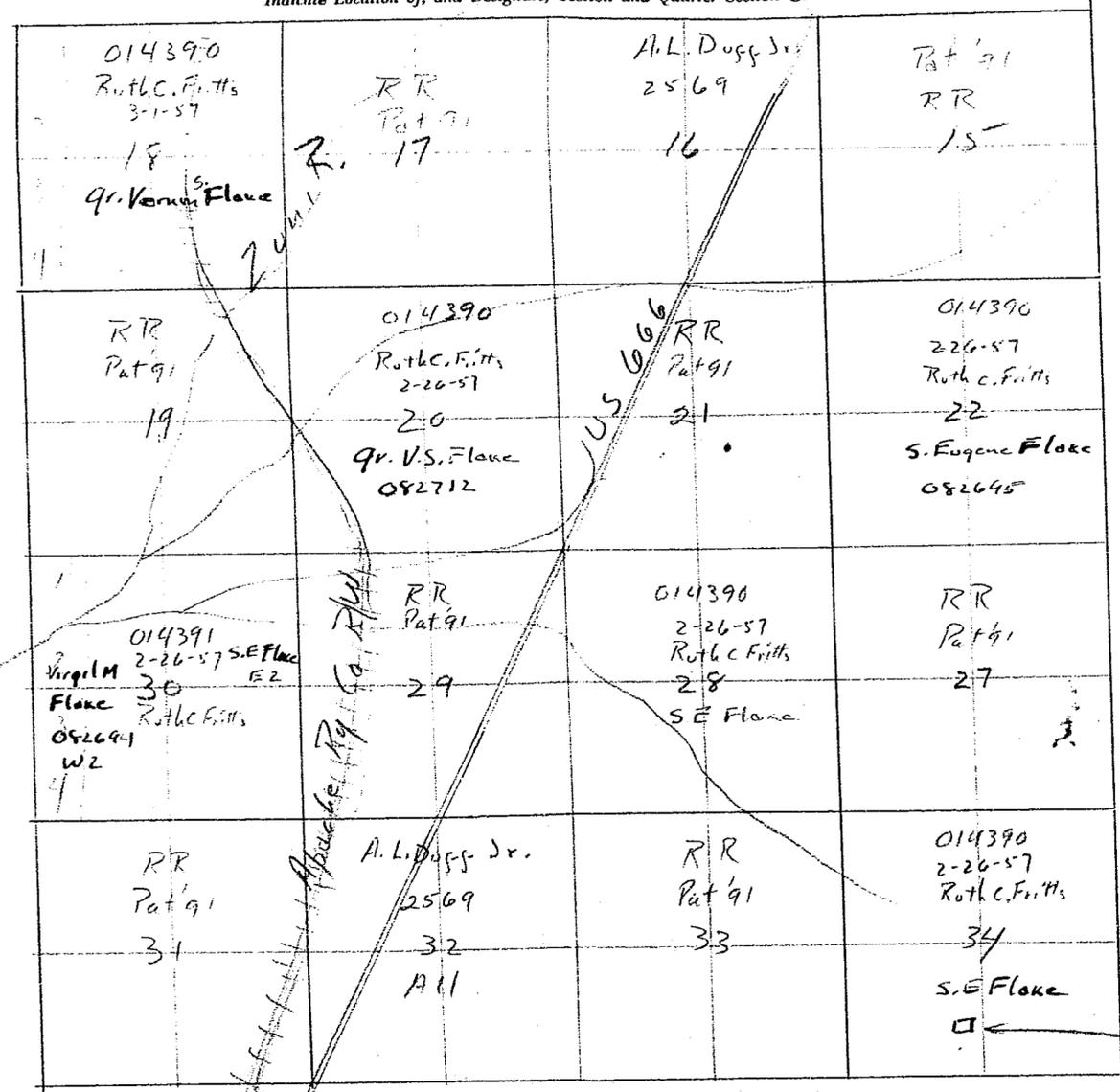
PLAT OF SURVEY FILED _____

Argo state had 600 gpm salt water flow
 below 800', an Artesian flow from Cocanino
 Argo state approx 1 mi. from
 this location. (NEMIS Sec 22,)

Section _____ Township 15N, Range 21E

Scale 1 inch = _____ feet

Indicate Location of, and Designate, Section and Quarter Section Corners



Use this sheet for preparing a map, on a scale of 1 inch = 300 feet or 1 inch = 600 feet, showing the stream and direction of flow, point of diversion, lands to be irrigated, the main ditch or pipe line, storage tank, watering troughs and place of using water for domestic or other purposes. Cross-hatch or color lands to be irrigated and in cases of irregular shaped tracts indicate, by figures, area to be irrigated in each 10 acre or 40 acre legal subdivision. In applications to appropriate water of an underground channel the point of diversion and both banks of channel and direction of flow must also be shown. If it is not possible to show the entire project on this sheet additional sheets may be used, or a map made on tracing linen may be submitted.

Hi. Way
Dept
Mat. Site

STATE LAND DEPARTMENT

0. / Townsend
21-115N-R29E

Inter Name

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form OG 51

10

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit
must be granted before drilling begins

Phoenix, Arizona

State Land Commissioner: January 3 Ariz. January 3 19 58

In compliance with Statewide Rule 3, notice is hereby given that it
is our intention to commence the work of drilling well No. 1 Sec. 21,

Twp. 15N, Rge. 29E, B. & M., Zuni Field,
Apache County.

Legal description of lease Well to be drilled in center of NW 1/4 Sec 21
(attach map or plat to scale)
on fee land.

Location of Well: 2026 ft on a 90degree angle from U.S. 666,
(Give exact footage from section corners or other

Or 1760 feet from the center of sec. 21 in a southeasterly direction.
legal subdivisions or streets)

Proposed drilling depth 4,000 feet. Acres in drilling unit 4.000 acres. *40,000-9-58*

Has surety bond been filed? yes. Is location a regular or exception to
spacing rule? Regular.

Elevation of ground above sea level 5310 feet. *(- 600-800 ft.)*

All depth measurements taken from top of (Derrick, floor, Rotary Table or

Kelly Bushing which is 1 foot feet above the ground.
Kelly Bushing)

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight	Grade & Type	Top	Bottom	Cementing Depths
18 Inch	56lbs.	To depend on formations			
	61 lbs per foot.				

Drill pipe to 11/3/4". Surface casing to be cemented off for protection of all fresh
waters stratas. CONFINE ALL SALT WATER & MINERAL BRINES TO THEIR RESPECTIVE STRATAS.

Intended Zone or Zones of completion:

Name Perforated Interval

AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information
contained and statements herein made are to the best of my knowledge and
belief, true, correct and complete.

Harrison Production Company

(Applicant)

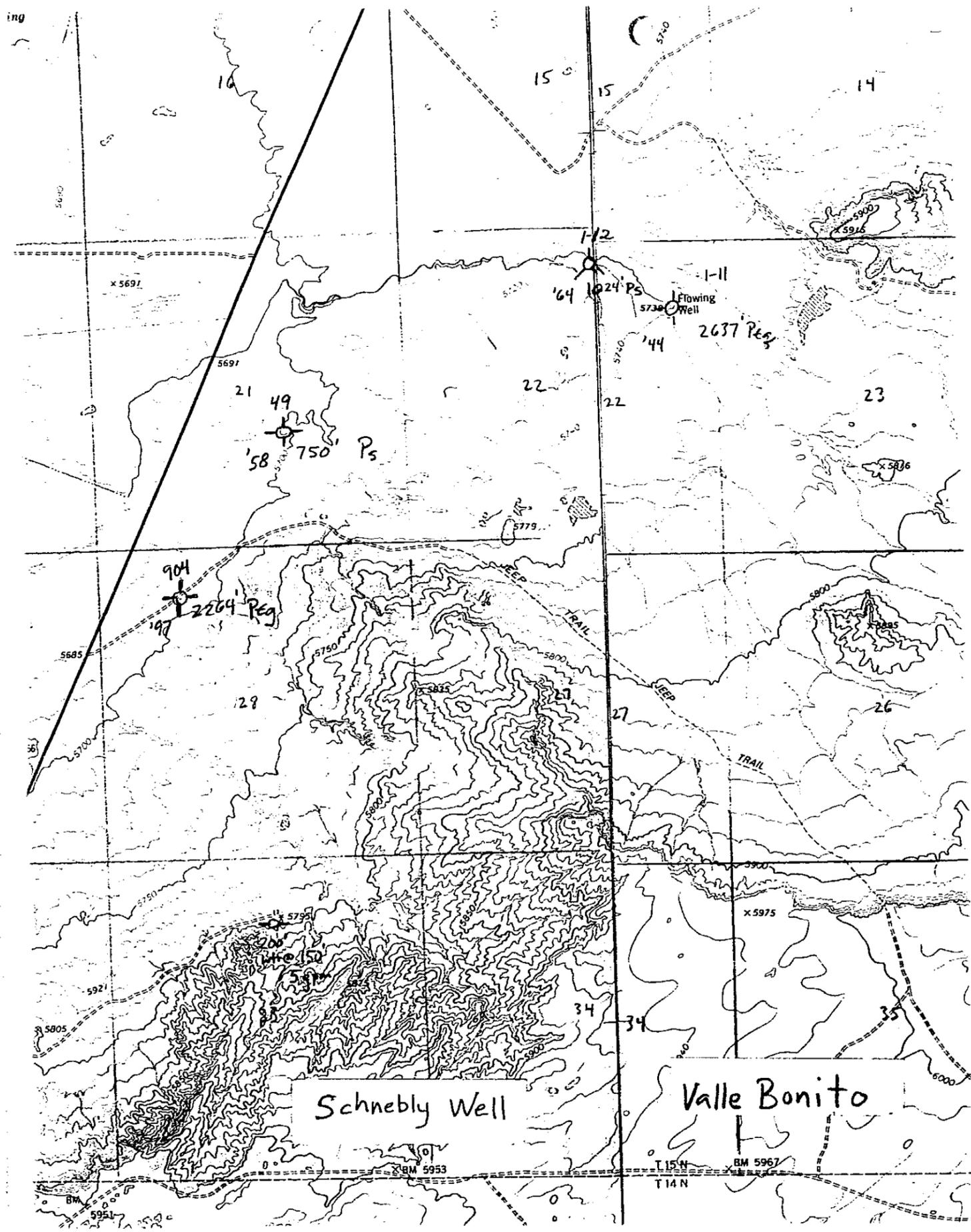
By [Signature]
Agent

Application approved this 31st day of January 19 58

[Signature]
State Land Commissioner

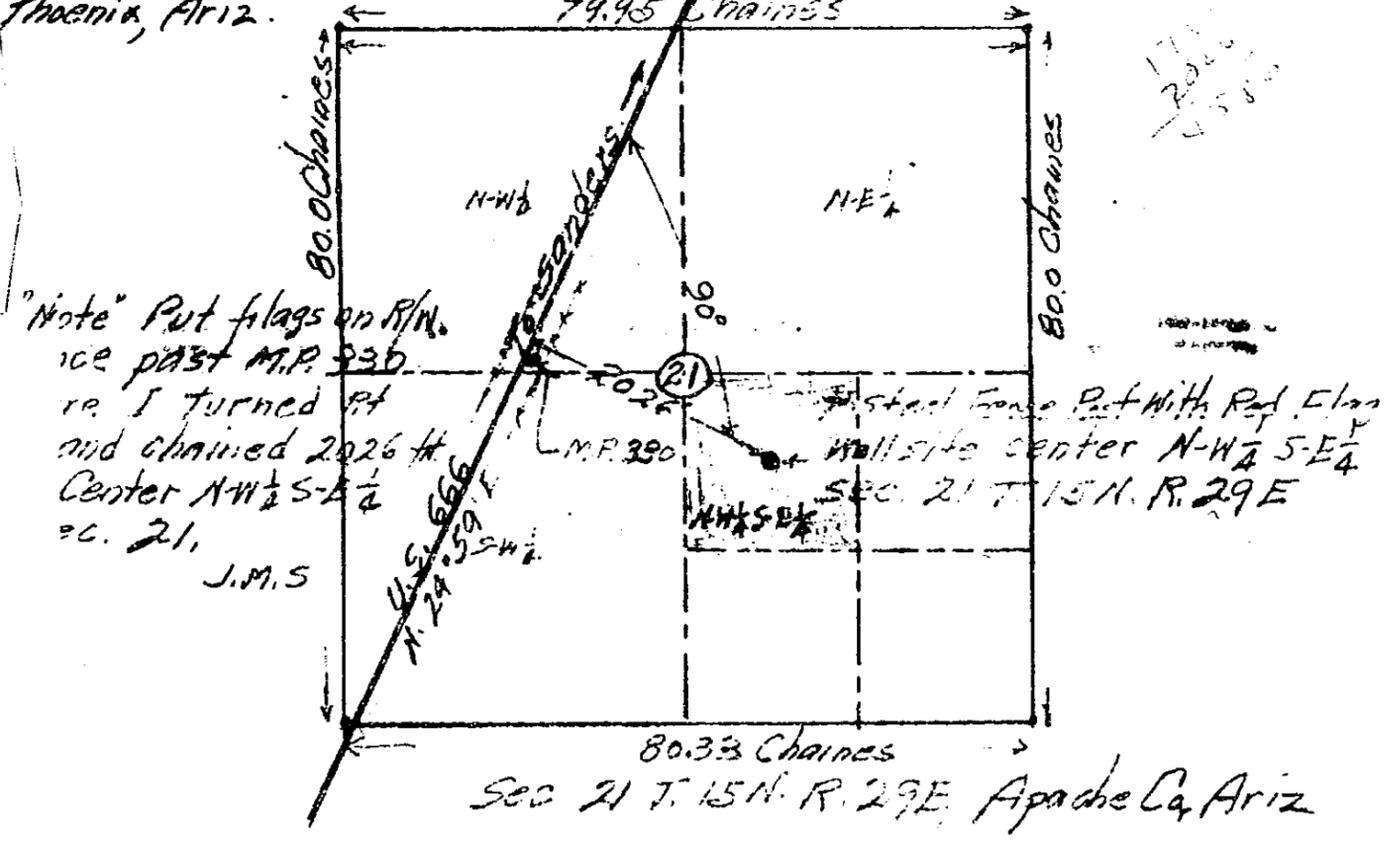
Permit No. 49

*DATE
1-14-58*

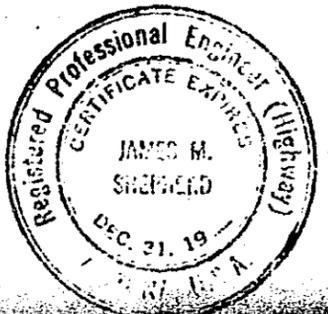


Survey made at the request
 of Mr. O.C. Williams -
 Room 802 1st Nat Bank Bldg
 Phoenix, Ariz.

LOCATION of
 FRED B. TOWNSEND #1 Well



Sketch showing Location of oil Well site
 located in the Center of N-W 1/4 S-E 1/4
 Sec. 21, T. 15N. R. 29E. of the G.S.P.E.M.,
 Apache Co, Ariz.
 "Note" Distance around Sec. 21 shown in Chains,
 is from Township plat of the Orig.
 Survey.



By J.M. Shepherd,
 Reg. Prof. Engr.
 Dec. 26th 1957.

GRAVITY METER SURVEY

TOTAL GRAVITY MAP

CONTOUR INTERVAL IS ONE HALF MILLIGAL

SWEET GEOPHYSICAL COMPANY

APRIL, 1949

RIVER

ZUNI

2755

2760

2765

2770

2775

2780

2785

2790

2795

2800

2805

2810

2815

2820

2825

2830

1001

1002

1003

2718

2719

2720

2717

2718

2719

2720

2716

2717

2718

2719

2720

2715

2716

2717

2718

2715

2716

2717

2718

2719

2720

2725

2730

2770

2775

2780

2785

2765

2770

2775

2762

2750

2740

2730

2720

2775

2780

2785

2790

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2770

2775

2780

2785

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

2770

2775

2765

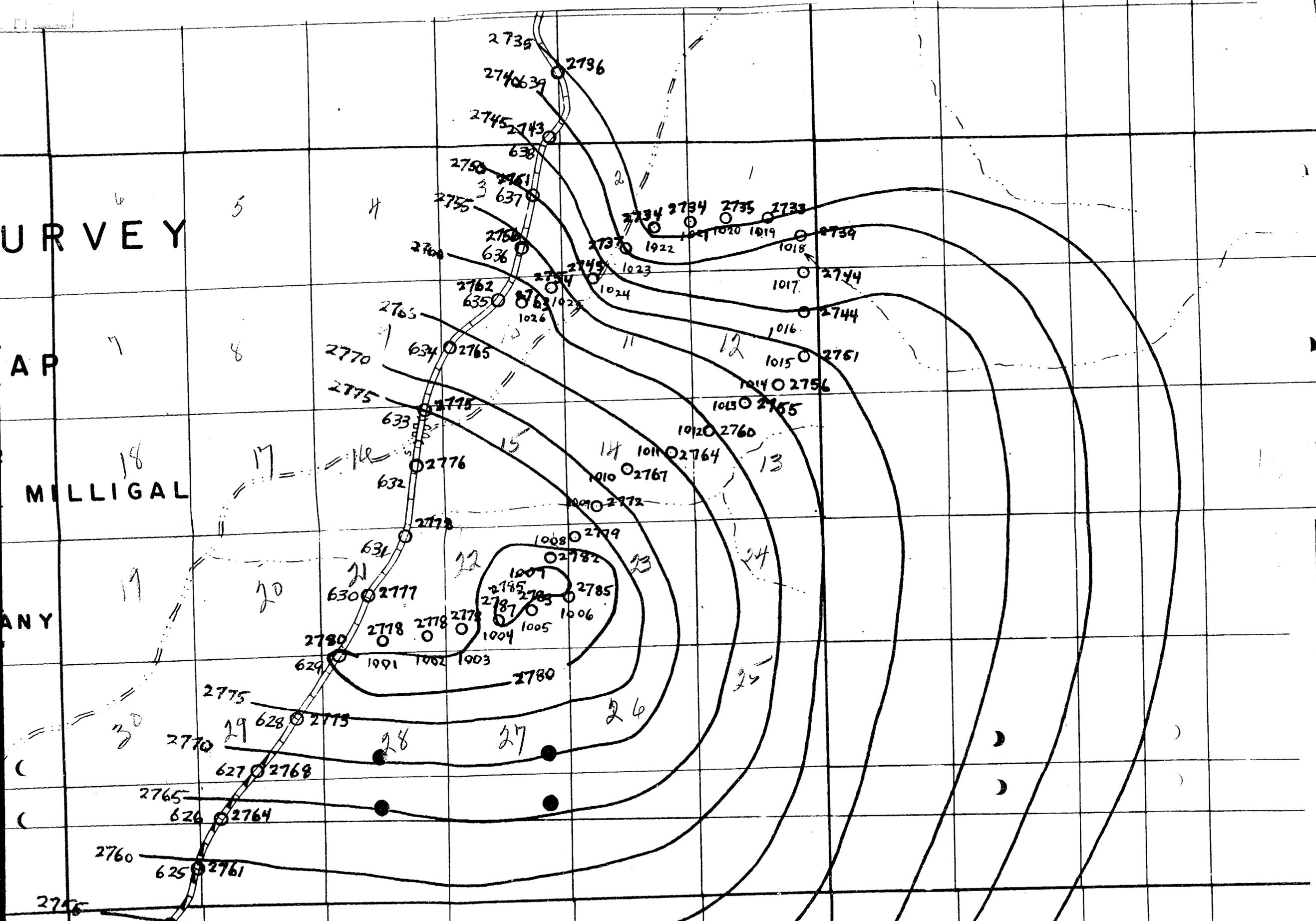
2770

URVEY

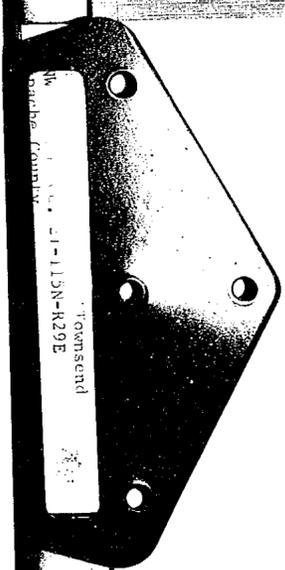
AP

MILLIGAL

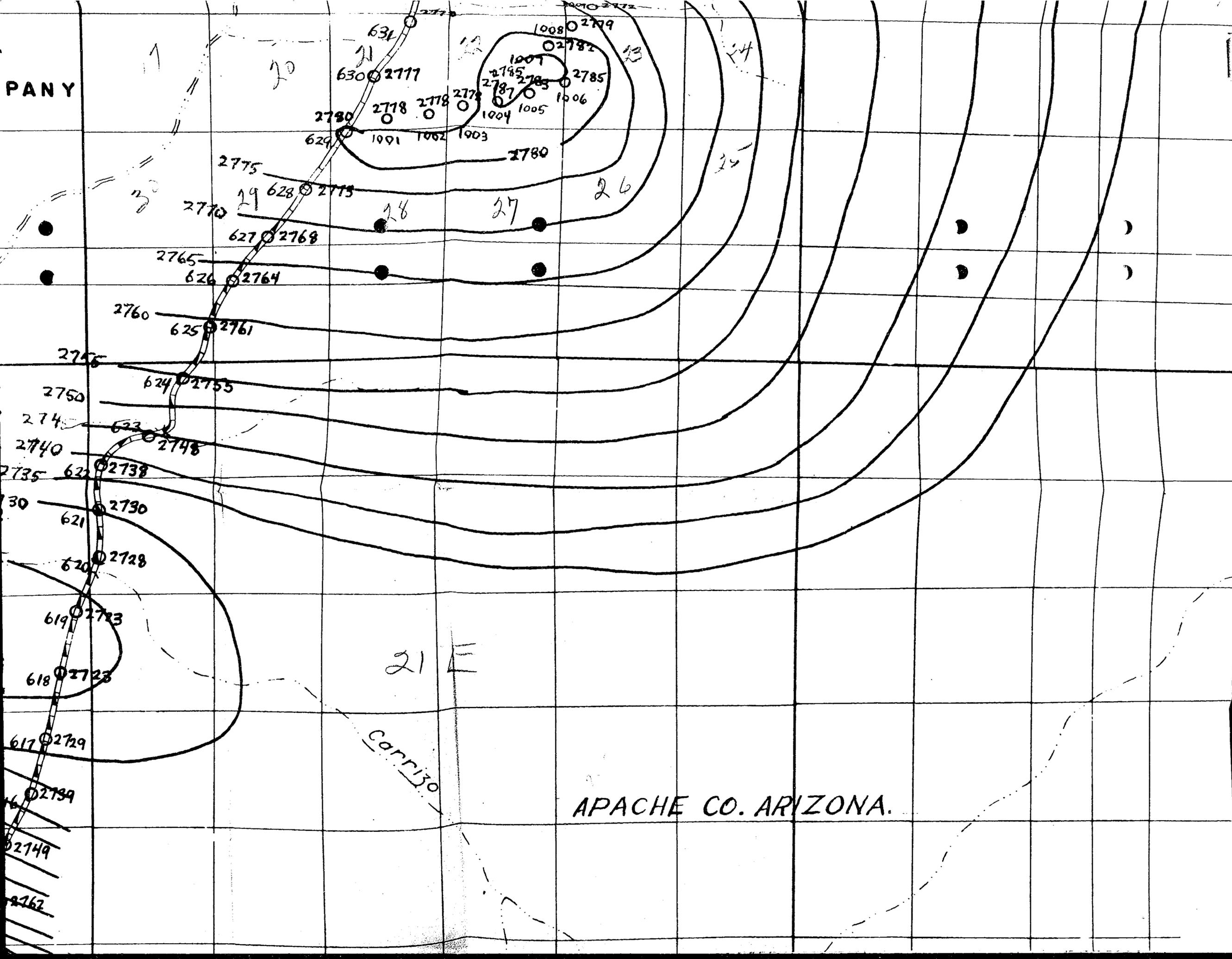
ANY



STATE LAND DEPARTMENT
BOND FOR DRILLING OIL OR GAS WELLS



PANY



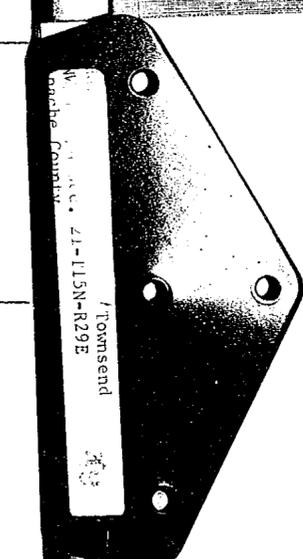
APACHE CO. ARIZONA.

21 E

Carrizo

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL



STATE LAND DEPARTMENT
BOND FOR DRILLING OIL OR GAS WELL

State of Arizona)
County of Maricopa)

KNOW ALL MEN BY THESE PRESENTS:

That we, HARRISON PRODUCING COMPANY,
hereinafter called Principal, and The Fidelity and Casualty Company of New York,
hereinafter called the Surety, are held and firmly bound unto the
State of Arizona in the sum of Twenty-Five Hundred Dollars (\$2,500) for
the payment of which the Principal and Surety bind themselves, their heirs,
executors, administrators, successors and assigns, jointly and severally,
firmly by these presents.

Whereas the Principal has obtained a permit from the State
Land Commissioner to drill a well in search of oil or gas, and whereas
said Principal is required by provisions of the Oil and Gas Conservation
Act of 1951 to deposit with the said Commissioner a good and sufficient
bond:

Now, therefore, the condition of the foregoing obligation is
such that if the Principal shall drill, case and plug said well drilled
by said Principal in such manner as to prevent the escape of oil or gas
from one stratum to another and to prevent the intrusion of water into an
oil or gas stratum from a separate stratum, and to prevent the pollution
of fresh water supplies by oil, gas or salt water and in such manner as
to prevent waste, and shall make such reports to the Commissioner as are
required by the Oil and Gas Conservation Act of 1951 by said Principal,
and shall file the log and drilling record kept by said Principal within
six (6) months from the time of the completion or abandonment of said
well drilled for oil or gas and shall plug the same in the manner pro-
vided by the rules and regulations adopted by said Commissioner, then
this obligation to be null and void, otherwise to be and remain in full
force and effect.

Witness our hands and seals this 9th day of January,
1958.

HARRISON PRODUCING COMPANY

Walter W. Sattly
Principal

The Fidelity and Casualty Company of New York

L. King Taylor
Surety
L. King Taylor, Attorney

Approved this _____ day of _____, 1958.

State Land Commissioner

12/57
3-59

CANCELLED
DATE 3-19-62

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona)
County of Maricopa)

KNOW ALL MEN BY THESE PRESENTS:

That we, Harrison Producing Company,

hereinafter called Principal, and The Fidelity and Casualty Company of New York, hereinafter called the Surety, are held and firmly bound unto the State of Arizona in the sum of Twenty-Five Hundred Dollars (\$2,500) for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas the Principal has obtained a permit from the State Land Commissioner to drill a well in search of oil or gas, and whereas said Principal is required by provisions of the Oil and Gas Conservation Act of 1951 to deposit with the said Commissioner a good and sufficient bond:

Now, therefore, the condition of the foregoing obligation is such that if the Principal shall drill, case and plug said well drilled by said Principal in such manner as to prevent the escape of oil or gas from one stratum to another and to prevent the intrusion of water into an oil or gas stratum from a separate stratum, and to prevent the pollution of fresh water supplies by oil, gas or salt water and in such manner as to prevent waste, and shall make such reports to the Commissioner as are required by the Oil and Gas Conservation Act of 1951 by said Principal, and shall file the log and drilling record kept by said Principal within six (6) months from the time of the completion or abandonment of said well drilled for oil or gas and shall plug the same in the manner provided by the rules and regulations adopted by said Commissioner, then this obligation to be null and void, otherwise to be and remain in full force and effect.

Witness our hands and seals this 8th day of January, 1958.

Harrison Producing Company

Walter W. Galt
Principal

The Fidelity and Casualty Company of New York

Henry Taylor
Surety

Approved this 14th day of January, 1958.

Obed M. Lassen
State Land Commissioner

12/57
3-59

OK 1-11-58
302 1-11-58
CANCELLED
DATE _____

Know All Men by These Presents:

That I, WALTER J. HARTY

do by these presents appoint WALTER J. HARTY

our attorney in fact, for US and in OUR name, and for OUR use and benefit

to demand, sue for, collect, and receive all such sums of money, debts, dues, accounts, legacies, bequests, interests, dividends, annuities, and demands which are now or shall hereafter become due, owing, payable, or belonging to US and have use, and take all lawful ways and means in OUR name, or otherwise for the recovery thereof by attachment, arrest, or otherwise, and to compromise and agree for the same, and discharge for the same for US and in OUR name, to make and deliver; to contract for, purchase, receive, and take lands, tenements, and hereditaments, and accept the seisin and possession of all lands, and all deeds and other assurances in the law therefor, and to lease, let, sell,

release, convey, mortgage, convey by way of deed of trust, and hypothecate lands, tenements, and hereditaments upon such terms and conditions, and under such covenants as HE shall think fit; also to bargain for, buy, sell, mortgage, hypothecate, and in any way and every way and manner deal in and with goods, wares, and merchandise, choses in action, and other property in possession or in action, and to do every kind of business of what nature or kind soever; and also for US and in OUR name, and as OUR act and deed to make, sign, seal, execute, acknowledge, and deliver deeds, leases and assignments of lease, covenants, indentures, agreements, mortgages, deeds of trust and reconveyances thereunder, hypothecations, bottomries, charter-parties, bills of lading, bills, bonds, notes, receipts, evidences of debt, releases and satisfaction of mortgage, judgments, and other debts, and such other instruments in writing of whatever kind and nature as may be necessary, convenient, or proper in the premises including assignments of accounts receivable, notices of the expected assignment of such accounts, and cancellation of such notices; also, in case of loss by fire, or otherwise, to adjust insurances losses.

Giving unto our said attorney full power to perform every act and thing which he may think necessary to be done in and about the premises, as fully to all intents and purposes as we might or could do if personally present, hereby ratifying and confirming all that our said attorney shall lawfully do or cause to be done by virtue of these presents.

In Witness Whereof we have hereunto set our hands, the 20th day of December one thousand nine hundred and fifty-seven

Signed and Delivered in the Presence of

Walter J. Harty

Walter J. Harty
Ellen Cecile Harrison

49

State of California

City & County of San Francisco

On this 20th day of December

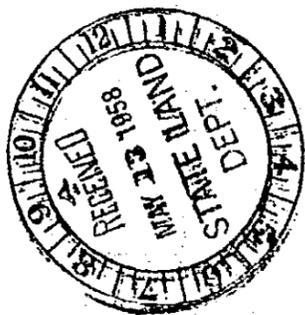
in the year of our Lord one thousand nine hundred and fifty-seven, before me,

a Notary Public in and for the said City & County of San Francisco, State of California, residing therein, duly commissioned and sworn, personally appeared

HUGH T. HARRISON and ELLEN ECCLES

known to me to be the person described in and whose name subscribed to the within instrument, and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal in said City and County of San Francisco the day and year in this certificate first above written.



B. Harrison

Notary Public in and for the City and County of San Francisco, State of California. My commission expires January 15, 1960.

Home of Attorney (GENERAL)

TO

Dated 19

OFF.

OFF.

OFF.

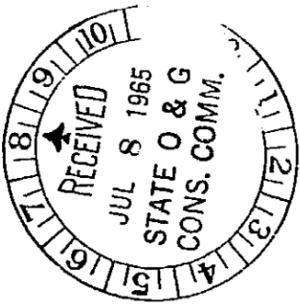
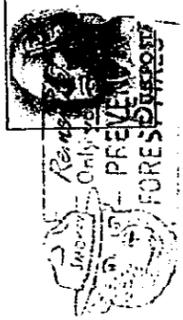
OFF.

OFF.

PH

Oil and Gas Conservation Commission

STATE OF ARIZONA
1824 WEST ADAMS • ROOM 202
PHOENIX, ARIZONA 85007



Mr. Hugh T. Harrison

Box 444

Okmulgee, Oklahoma

REASON CHECKED
Unclaimed
Unknown
Moved, left no address
No such post office in state
Do not return this envelope

HPD

SAMUEL P. GODDARD
GOVERNOR

LYNN LOCKHART
CHAIRMAN

R. KEITH WALDEN
VICE CHAIRMAN

ORME LEWIS
MEMBER

LUCIEN B. OWENS
MEMBER



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

JOHN BANNISTER
EXECUTIVE SECRETARY

J. R. SCURLOCK
PETROLEUM GEOLOGIST

June 7, 1965

Mr. Hugh T. Harrison
Box 444
Okmulgee, Oklahoma

Re: Harrison Producing Company Townsend Fee #1
NW/4-SE/4 21-T15N-R29E, Apache County, Arizona
Permit 49

Dear Sir:

Our file for captioned well does not reflect that the required information has been submitted. Will you please forward to the office the following information:

Well Completion Report and copies of all logs
Plugging Record

Forms are enclosed for your convenience.

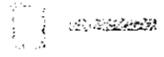
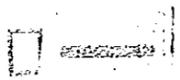
Your earliest cooperation is appreciated.

Yours very truly,

John Bannister

John Bannister
Executive Secretary

Enclosure
cb



June 7, 1965

Mr. Hugh T. Harrison
Box 444
Okmulgee, Oklahoma

Re: Harrison Producing Company Townsend Fee #1
NW/4-SE/4 21-T15N-R29E, Apache County, Arizona
Permit 49

Dear Sir:

Our file for captioned well does not reflect that the required information has been submitted. Will you please forward to the office the following information:

Well Completion Report and copies of all logs
Plugging Record

Forms are enclosed for your convenience.

Your earliest cooperation is appreciated.

Yours very truly,

John Bannister
Executive Secretary

Enclosure
cb

March 19, 1962

Mr. Granville M. Cochran, Attorney
Bonding Department
America Fore Loyalty Group
1520 Wilshire Boulevard
Los Angeles 17, California

Dear Mr. Cochran:

You are herewith advised that this letter is your authority to release the Fidelity and Casualty Company of New York Bond No. S 1179548 covering the Harrison Producing Company whose address is reflected as 411 North Central Avenue, Phoenix, Arizona. Your bond covered the Fred Blair Townsend, Fee #1 well, Apache County, Arizona.

We understand from the federal authorities that they have also approved the release of their bond on this same well location.

Yours very truly,

D. A. Jerome
Executive Secretary

March 6, 1962

America Fore Loyalty Group
1520 Wilshire Boulevard
Los Angeles 17, California

Re: Harrison Producing Co. - Fred Blair Townsend #1 Fee
Apache County, Arizona

Gentlemen:

This has reference to your letter of February 23 in which you requested the status of the above test.

We have repeatedly tried to contact Mr. Hugh T. Harrison of the Harrison Producing Company. In each case, the letters have been returned to this office stamped "Address Unknown".

An attempt will be made to reach him through one of his associates in this particular venture. At that time we will advise you as to what they intend to do to clear this matter up.

Yours very truly,

D. A. Jerome
Executive Secretary

HP:hme

Firemen's Insurance Company of Newark, New Jersey
National-Ben Franklin Insurance Company of Pittsburgh, Pa.
Milwaukee Insurance Company of Milwaukee, Wis.
Royal General Insurance Company of Canada
Commercial Insurance Company of Newark, N. J.

1520 WILSHIRE BOULEVARD • LOS ANGELES 17, CALIFORNIA

**America Fore
Loyalty Group**

February 23, 1962

Oil & Gas Conservation Commission
3500 North Central
Phoenix, Arizona

Gentlemen:

Re: #S-1179547 - Harrison Producing Co.
Bond for Oil or Gas Drilling
Fred Blair Townsend Fee #1 Well,
Apache County, Arizona

We executed the above captioned bond effective January 9,
1958 in the amount of \$2500.00.

We would appreciate your advising us the status of this
matter at the present time, or, if our bond may now be re-
leased, kindly so advise us giving the date we may termin-
ate our liability.

A stamped, self-addressed envelope is enclosed for your
convenience in replying and we thank you for same.

Yours very truly,

Virginia Finley
Virginia Finley
Bond Department

/vf
Encl.



July 8, 1960

Mr. Hugh T. Harrison
Box 444
Okmulgee, Oklahoma

Dear Mr. Harrison:

You or your authorized representative are invited to appear before the Arizona Oil and Gas Conservation Commission at 11 a.m., July 27, 1960, to show cause for non-forfeiture of your bond on the Fred Blair Townsend Fee #1 well, Apache County, Arizona.

More specifically, non-compliance with our Rules and Regulations in your failure to file logs, samples and such other geological information as has been obtained from this well, and failure to plug and abandon the well in a manner prescribed by the Statutes.

For the Arizona Oil and Gas Conservation
Commission

By _____
W. F. Maule
Petroleum Engineer

WFM/ew
Copy of above letter also sent to:
Mr. Hugh T. Harrison
1610 Folsom Street, San Francisco 7, California

Form letter sent February 25, 1960, by instructions
of Petroleum Engineer, W. F. Maule

EE

Townsend Oil Corporation
WH 5-2659

Per Phil Johnson:

Telephone conversation of May 7, 1959, Mr. Boucher stated that he had just talked with the attorney, Mr. Platt who is representing the fee owners, Mr. Patterson and Mr. Babbitt, and Mr. Platt told Mr. Boucher that he had better not do anything to stop the flow of water from the Fred Blair Townsend - Harrison Producing Co. well, because he would be liable to the fee owners and that the fee owners are going to use the water for irrigation purposes. Mr. Boucher stated that if the State Land Department was going to require any action to shut off the water it would be necessary to give Mr. Boucher a written letter to this effect. Mr. Boucher claims that within a period of ten days a petroleum engineer, either Mr. Paul Fullop or a Mr. Sorrels would set forth a program of procedure for the continued drilling of this well. He also said the present rig belonging to the Harrison Producing Company has been sold at a sheriff sale and would be moved within a few days.

from the desk of _____

MURIEL R. BATES

5/13/58

Letter from Hugh T. Harrison
to State Land Department dated
May 12, 1958 notifies us that the
power of attorney, was revoked
from Mr. Walter W. Patty on
March 27, 1958.

Letter filed in Harrison lease
folder. - see Mel Stewart.

CARDED

BY *mks*

DATE *5/13/58*

HUGH T. HARRISON
OIL PRODUCING

BOX 444 • OKMULGEE, OKLAHOMA
MAIN OFFICE
610 FOLSOM STREET • SAN FRANCISCO 7

May 12, 1958

REGISTERED MAIL

Arizona State Land Department
Phoenix, Arizona

Gentlemen:

This will notify you that the power of attorney, copy of which is enclosed, was revoked from Mr. Walter W. Patty on March 27, 1958.

Yours very truly,

Harrison Producing Company

Hugh T. Harrison

Hugh T. Harrison
Sole Owner

Enclosure

HTH: ah

7575



from the desk of _____

MURIEL R. BATES

Room 802
1st Natl Bk
Bldg. —

D. C. Williams

4/8/58

January 20, 1958

Mr. F. C. Ryan
State Land Department
Capitol Annex
Phoenix, Arizona

Dear Mr. Ryan:

Regarding the permit being issued to Harrison Producing Company, we wish to have the permit read as follows:

Fred Blair Townsend-Harrison Producing Company, Fee #1.

Very truly yours,

HARRISON PRODUCING COMPANY

O. C. Williams

O. C. WILLIAMS,
AGENT

JAN 20 3 51 PM 1958

STATE LAND DEPARTMENT

from the desk of _____

MURIEL R. BATES

1/16/58

T. B. Townsend -

Rapburg in office -

we are not to change

name unless we

have written

statement from, O.C.

Williams as agent.

1/9/58

Remarks:

Direct all correspondence to:

Mr. O. C. Williams
Room 802
411 N. Central Ave.,
Phoenix, Arizona

Mr. Walter W. Patty
Finance Director

AL: 4-4181

Mr. C. E. Roxbury - (handled bond- The Fidelity & Casualty Co. of N.Y.)

Mr. Jack P. Hays
Professor of Geology
Texas A & M

(Will be geologist in charge and can be located in Holbrook or St. Johns)

