

P-W

F. Julius Fohs 1-16 STATE
Nw/4-SW/4 Sec 16-Twp 19N-R 23E
Navajo County 164

County Navajo

Area _____

Lease No. State 4973

Well Name F. Julius Fohs ¹⁻¹⁶ State _____

Location NW SW Sec. 16 Twp 19N Range 23E Footage 2374 ⁹¹⁹ ~~2374~~ ESL ~~FWL~~

^{IS 562154 per} Spud _____ Complete _____ Total _____
Elev 5816 Gr _____ KB Date 9-16-61 Abandon 11-29-61 Depth 845

^{561807 L per plat agrees with USGS 15' grid} Approx. _____
Contractor: W. T. Myers Dig Co. Albuquerque Cost \$ _____

Drilled by Rotary X
Cable Tool _____

Casing Size 5 1/2 Depth 100 Cement 10sx

Production Horizon _____

Initial Production D&A

REMARKS: Chinle surface to TD No cores or test.

Elec. Logs _____ Induction _____
Applic _____ Plugging _____ Completion _____
to Plub X Record X Report ✓

Sample Log _____
Sample Descript _____
Sample Set _____
Cores _____

Water well - accepted by _____

Bond Co. & No. U/ S. Fidelity & Guaranty Company no number _____
Date _____

Bond Am't \$ 10,000 Cancelled _____ Organization Report X

Filing Receipt 9278 dated 10-16-61 Well Book X Plat Book X

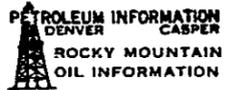
Loc. Plat X Dedication W/2 SW/4 16-19N-23E

API # 02-017-05122

PERMIT NO. 164 Date Issued 10-18-61

ARIZONA
NAVAJO CO.
CARRIZO WASH AREA (W)

164



Twp 19n-23e
Section 16
NW SW
2374 n/s 919 e/w

OPR: F. Julius Fohs

WELL #:

1-16 State

ELEV: 5620 DF.

DSTS. & CORES:

SPUD: 11-16-61 COMPL: 11-29-61

TOPS: ~~Sample~~ Sample
Chinle - surface to TD.

No cores or tests.

TD: 845 PB:
CSG: 5 1/2" @ 99 w/10

PERF-

PROD. ZONE:

INIT. PROD: D & A.

Contr: Meyers.

ARIZ 2-262160

*For Electric Logs on Rocky Mountain Wells—Ask Us!

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 **F. Julius Fohs** Address **317 San Jacinto Bldg., Houston, Texas**

Federal, State or Indian Lease Number or name of lessor if fee lease _____ Well Number **1-16** Field & Reservoir **Wildcat**

Location **2374' NSL & 919' EWL of Section** County **Navajo**

Sec. TWP-Range or Block & Survey **Section 16, T-19-N, R-23-E, Gila & Salt River Survey**

Date spudded **11-16-61** Date total depth reached **11-21-61** Date completed, ~~XXXXXX~~ **11-29-61** Elevation ~~XXXXXX~~ **5621** feet Elevation of casing hd. flange _____ feet

Total depth **845** P.B.T.D. _____ Single, dual or triple completion? **Dry & Abandoned** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **None** Rotary tools used (interval) **Surf. to 845** Cable tools used (interval) _____

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

Type of electrical or other logs run (check logs filed with the commission) **Induction-Electric Log** Date filed **5-31-62**

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
	7 7/8"	5 1/2"	15.5	100'	10	None

TUBING RECORD

LINER RECORD

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

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production _____ 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 _____
bbls. MCF bbls. ° API (Corr)

Tubing pressure _____ Casing pressure _____ Cal'd rate of Production per 24 hrs. _____ Oil _____ Gas _____ Water _____ Gas-oil ratio _____
bbls. 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 Walter Larke, Geologist of F. Julius Fohs, Operator 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 July 8, 1965

Signature Walter Larke

Permit No. 164



STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Well Completion or Recompletion Report and Well Log
 Form No. 1 File One Copy

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
	0	380	shale, multicolored, thin strks. of hd. sand
	380	420	shale, dark gray
	420	440	shale, sandy, dark gray
	440	450	shale, sandy, dk. gray with red strks.
	450	500	shale, sandy, dark gray
Chinle Cong.	500	510	shale & sand, dark gray
" "	510	520	shale, dark gray
" "	520	530	sand, coarse grained with dark gray shale
" "	530	540	sand, coarse grained, red
	540	630	shale, red with thin green streaks
	630	650	sand, hard, red
	650	660	sand, hard, gray
	660	750	shale, red with thin green streaks
	750	845	drilled with no returns, probably shale
		T. D.	
			<u>No cores, no tests.</u>

* 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.

STATE LAND DEPARTMENT
STATE OF ARIZONA
Form Prescribed Under Oil and Gas Conservation Act of 1951
ABANDONMENT AND PLUGGING RECORD

Form O&G 56

(Within thirty days after the plugging of any well has been accomplished, the owner or operator thereof shall file this form with the Commissioner, setting forth in detail the method used in plugging the well.)

PLUGGING METHODS AND PROCEDURE - - The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet below all fresh-water-bearing strata.

(c) A plug shall be placed at or near the surface of the ground in each hole.

(d) The interval between plugs shall be filled with heavy-mud-laden fluid.

(e) An uncased hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

Operator F. Julius Fohs Field Wildcat
Pool _____
County Navajo
Address all correspondence concerning this form to: F. Julius Fohs
Street 1077 San Jacinto Bldg. City: Houston 2, State: Texas
Lease Name State Well No. 1-16 Sec. 16 Twp. 19-N Rge. 23-E
Date well was plugged November 29, 19 61
Was the well plugged according to regulations of the Commissioner? yes
Set out method used in plugging well and record of casing pulled: _____

A cement plug was placed on bottom from 895' - 770'; heavy mud 770' - 575',
Cement plug 575' - 525'; heavy mud 525' - 50', cement plug 50' to surface .
99.8' - 5-1/2" surface casing left in hole.

(AFFIDAVIT)

STATE OF ARIZONA _____
COUNTY OF Navajo

F. Julius Fohs
(Operator)

Before me, the undersigned authority, on this day personally appeared Walter Larke
Geologist, known to me to be the person whose name is subscribed to the
above instrument, who being by me duly sworn on oath states that he is authorized to make
this report and has knowledge of the facts stated herein and that said report is true and cor-
rect.

Subscribed and sworn to before me this the 2nd day of December 19 61

Mary Pandoval
Notary Public

My commission expires: August 11, 1965.

STATE OF ARIZONA
OIL AND GAS CONSERVATION COMMISSION

FORM O & G 55

Form Prescribed Under Oil and Gas Conservation Act 1951
APPLICATION TO ABANDON, PLUG, DEEPEN, SIDETRACK OR PERFORATE

(After Well Has Once Been Completed)

INSTRUCTIONS: - - File in duplicate with Commissioner. One copy will be returned with approval or denial.

FIELD: WILDCAT
OPERATOR: F. JULIUS FOHS ADDRESS: 1077 San Jacinto Bldg. Houston 2, Texas
LEASE: State WELL NO. 1-16 COUNTY Navajo
SURVEY: Gila & Salt River SECTION 16 DRILLING PERMIT NO: 164
LOCATION: 2374' North of South line & 919' East of West Line of Section
Township 19 North, Range 23 East.

TYPE OF WELL: Dry Hole TOTAL DEPTH 845'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)
LAST PRODUCTION TEST: OIL _____ (Bbls.) Water _____ Bbls.
GAS _____ (M. C. F.) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM: _____ TO _____

1. COMPLETE CASING RECORD: 5 1/2" - J55 - 15.5# cemented at 100' with 10 sacks
cement - circulated

2. FULL DETAILS OF PROPOSED PLAN OF WORK: A cement plug on bottom from 845'
to 770', a second plug from 575' to 525' and a final plug in casing from
50' to surface. Heavy mud will fill the hole between plugs.

If the well is to be deepened to another zone other than that covered by permit, this form shall be accompanied by a certified lease plat as is prescribed on Form No. O & G 51.

If the well is to be abandoned, does proposed work conform with requirements of Rule 26? _____. If not, outline procedure proposed above.

DATE COMMENCING OPERATIONS: November 29, 1961
NAME OF PARTY DOING WORK: W.T. Myers Drlg. Co. ADDRESS: Albuquerque, New Mexico
CORRESPONDENCE SHOULD BE SENT TO: F. Julius Fohs - above address

NAME: Walter Larke Walter Larke

TITLE: Geologist

APPROVED: 6th DAY OF December 19 61.

DENIED: _____ DAY OF _____ 19 _____.

OIL AND GAS COMMISSION

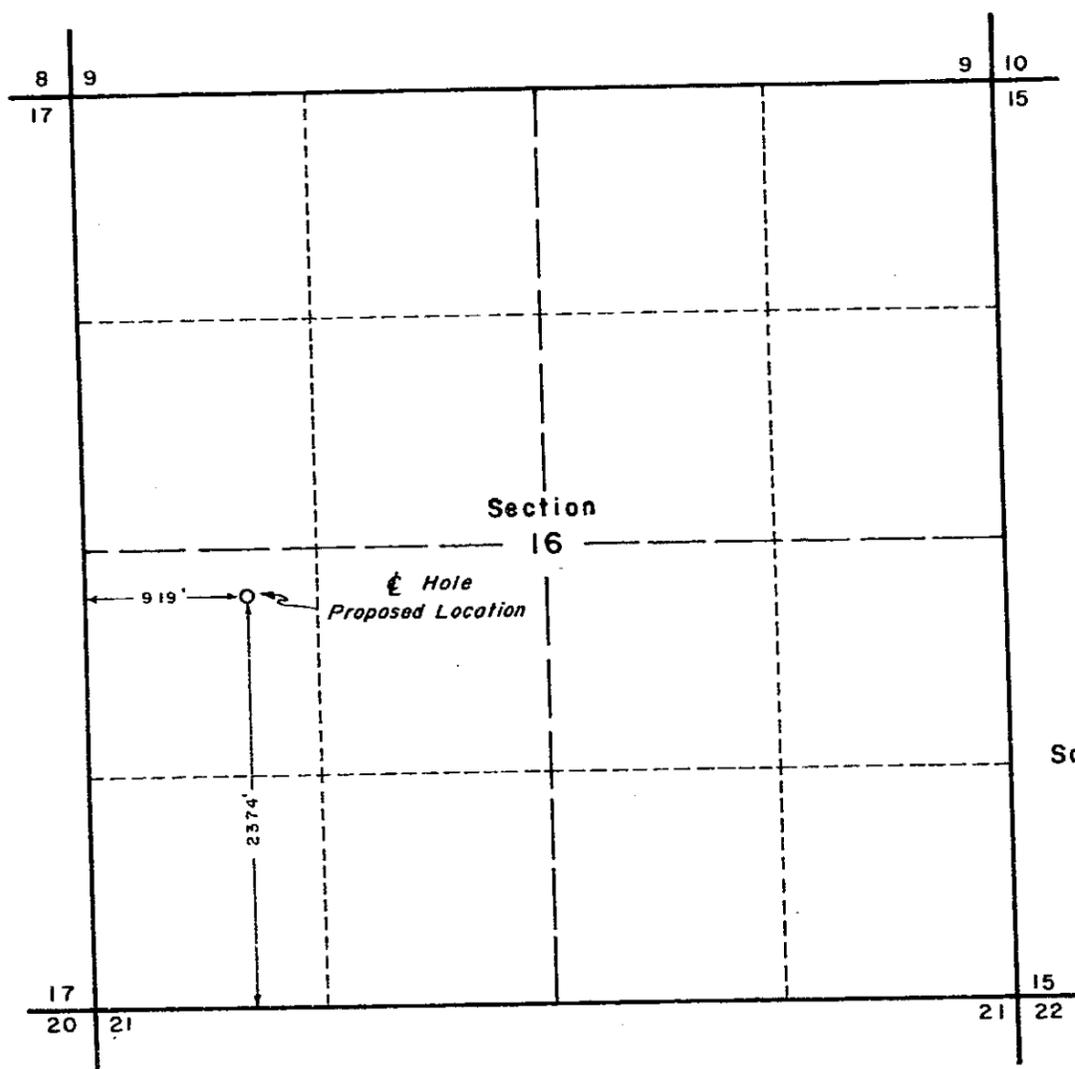
BY: Brooks Pierce
Petroleum Geologist

(3) 16-19N-23E
919' FSL-2374' FSL
F. Julius Fohs
State #1-16

1-62
pin

WILDCAT, Carrizo Area; proposed 1400' Coconino test;
C/W.T. Myers Drilg Co., Albuquerque; elev 5618'GL; set 5
1/2" csg 100'; TD 845; D,P&A 11-29-61. FINAL REPORT.

α, #164



WELL LOCATION: F. J. Fohs - State # 1-16

Located 2374 feet North of the South line and 919 feet East of the West line of Section 16,
 Township 19 North, Range 23 East, Gila & Salt River Meridian.
 Navajo Co., Arizona
 Existing ground elevation determined at 5618 feet based on U.S.G.S. datum.



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

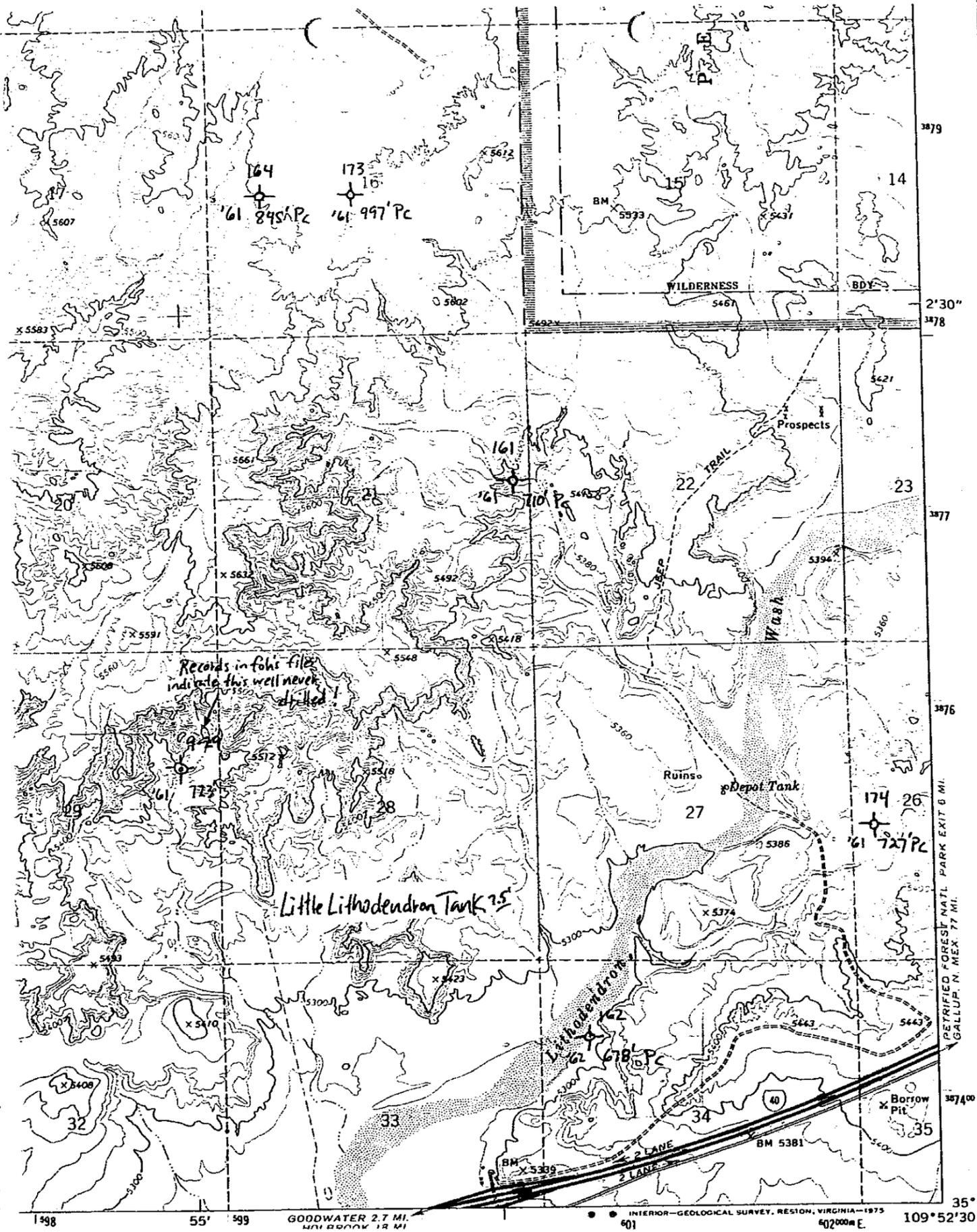
F. J. FOHS - HOUSTON, TEXAS

WELL LOCATION PLAT
 Sec. 16, T. 19 N., R. 23 E.
 Navajo Co., Arizona

E.M. CLARK & ASSOC.
 Durango, Colorado

DATE: Oct. 23, 1961
 FILE NO: 61087

164



PETRIFIED FOREST NATL PARK EXIT 6 MI.
GALLUP, N. MEX. 77 MI.

Rocky Mountain Well Log Service Co.

1753 Champa Street

DENVER, COLORADO

266-0588 Area Code 303

80202

BOB ANDREWS, Division Manager



September 1, 1970

CASPER, WYOMING

Bob Fitzgerald
600 So. David
234-6921

MIDLAND, TEXAS

David Clark
105 West Wall
MU 2-0591

Mr. John Bannister
Arizona Oil and Gas Conservation Commission
Room 202
1624 West Adams
Phoenix, Arizona 85007

Dear Mr. Bannister,

May I get the following log prints from you?

Santa Fe # 1-9	Wildcat	Sec -- 19N-23E	Navajo, Ariz. —
State # 1-16	Wildcat	Sec 16-19N-23E	Navajo, Ariz. —
Santa Fe # 1-34	Wildcat	Sec 34-19N-23E	Navajo, Ariz. —
Santa Fe # 1-13	Wildcat	Sec 13-19N-22E	Navajo, Ariz. —

These were all drilled in 1961. As soon as we complete our reproduction, the prints will be returned.

Thanking you in advance

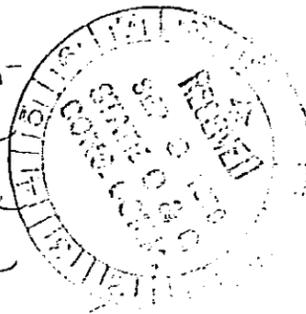
I am
Very truly yours,

Ted Strickland
Ted Strickland

TLS: jlg

Please note: The operator on these four wells was F. Julius Fols.

Enclosed are copies of Induction-Electrical Log on each of the above wells. These are the only logs we have in our files. Hope they are what you need. - J.D.



October 11, 1965

Estate of F. Julius Vohs
317 San Jacinto Building
Houston 2, Texas

Attention: Mr. Walter Larko, Geologist

Re: U.S. Fidelity & Guaranty Co. Bond 68241 13 1201 61

Gentlemen:

All wells covered by captioned bond have been plugged and abandoned and all data has been filed with this Commission as required by our Rules and Regulations.

Consequently this letter will serve as authority from this Commission to terminate captioned bond should you so desire. However, we request that we be notified of any action taken by you, so that we may note our records.

Yours very truly,

John Bannister
Executive Secretary
BT

June 22, 1965

Estate of P. Julius Fohs
1077 San Jacinto Building
Houston 2, Texas

Attention: Mr. Walter Larke

Gentlemen:

In reply to your letter of June 18, 1965, this office feels that it would be easier to deal separately with each well drilled by Mr. Fohs within this State. Accordingly, we will list below each well drilled by him and a comment regarding such things as may be necessary to complete our files and bring them up to date.

I call your attention to Arizona Statutes, specifically ARS 27-516.2, which specifically provides for the filing of all logs and drilling records within 90 days from completion of a well drilled for oil or gas. A hole drilled for stratigraphic purposes does avoid some of our requirements such as spacing and footage requirements. However in all other ways, including the filing of information, the Rules and Regulations of this Commission must be complied with. Accordingly, as to the well below indicated, please file such logs and drilling records as you do have.

As you are aware, all of Mr. Fohs' wells were covered by a \$10,000 bond wherein U.S. Fidelity and Guaranty Company was surety and Mr. Fohs was principal. This bond is conditioned upon full compliance with our Rules and Regulations and, again, specifically as to the filing of necessary information.

You have advised that this bond was cancelled sometime in 1962. However, our records fail to reflect a cancellation of this bond. As you are aware, once a bond is posted with this Commission it may be cancelled only upon order of this Commission.

Santa Fe #1-9

SW/4NW/4 9-T19N-R23E, Navajo County

Our File #169

Our records reflect that this well has been properly plugged and abandoned. However, we do need a well completion report (as differentiated from the Plugging Record or Application to Abandon.).

June 22, 1965

Santa Fe #1-21
SE/4NE/4 21-T19N-R23E, Navajo County
Our File 161

Our file reflects that this well has been properly plugged and abandoned. However, we do need the Well Completion Report.

Santa Fe 1-34
NW/4NW/4 34-T19N-R23E, Navajo County
Our File 162

Again, this well has been properly plugged and abandoned and we do need the Well Completion Report.

State 1-16
NW/4SW/4 16-T19N-R23E, Navajo County
Our file 164 *Red*

This well too has been properly plugged and abandoned, but no Well Completion Report has been filed.

State 2-16
NE/4SW/4 16-T19N-R23E, Navajo County
Our File 173

This well has been plugged and abandoned but no Well Completion Report nor logs have been filed.

Finley 1-26
NW/4SW/4 26-T19N-R23E, Navajo County
Our File 174

This well has been properly plugged and abandoned but no Completion Report has been filed.

Santa Fe 1-13
Center line of S/2SE/4 13-T19N-R23E, Navajo County
Our File 181

This well has been properly plugged and abandoned. However, we do not have the necessary Well Completion Report nor the logs pertaining to this well.

For your convenience we are enclosing some copies of our Well Completion Report forms which should be filled out for each of the above indicated wells.

The logs pertaining to the two wells above listed should be forwarded to this office for our files at once.

This office does not desire to work a hardship upon any of the operators within the State. However, we must get our records complete and up to date. In most cases, Federal forms which contain substantially identical information as do the State of Arizona forms are acceptable. However, it is mandatory that our own Well Completion Report form be submitted.

Estate of F. Julius Cohn

Page 1

June 22, 1965

If you have any questions, or if we may be of help in any way, will you please advise.

We very much appreciate your cooperation.

Yours very truly,

John Fannister
Executive Secretary
mf
enc

F. JULIUS FOHS
1077 SAN JACINTO BUILDING
HOUSTON 2, TEXAS

May 31, 1962

Oil & Gas Conservation Commission
State of Arizona
3500 North Central Avenue, Suite 221
Phoenix 12, Arizona

Attention: Mr. Don A. Jerome

Dear Sir:

I herewith enclose for the Commission's files the following Electrical logs of wells drilled under our direction and all located in Township 19 North, Range 23 East, Navajo County, Arizona.

- (1) Santa Fe #1-9Located in Section 9
- (2) Santa Fe #1-16.....Located in Section 16
- (3) Santa Fe #1-21.....Located in Section 21
- (4) Finley-Arizona Land #1-26....Located in Section 26
- (5) Santa Fe #1-34.....Located in Section 34

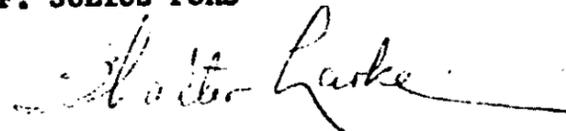
Logs of two Stratigraphic test wells will ultimately be released, but are presently withheld for trading purposes.

Log on our last endeavor, Santa Fe #1-13 in Section 13 of T-19-N, R-22-E is not ready for release as yet.

Thanking you for your cooperation and indulgence,

Yours very truly,

F. JULIUS FOHS



By: Walter Larke, Geologist

WL:hc
Encs.

164

F. JULIUS FOHS

**Refer to Santa Fe #1 for Blanket Bond and
Organization Report.**

December 7, 1961

Bungiville-Ewing Oil Investments, Inc.
3500 North Central Avenue - Suite #205
Phoenix 12, Arizona

Attention: Mr. Frank Ewing

Re: F. Julius Fohs tests in T19N, R23E, Navajo County,
as follows:

Santa Fe #1-34, Sec. 34
Santa Fe #1-9, Sec. 9
State #1 - Sec. 16

Gentlemen:

Enclosed are Forms OG 55, Application to Abandon, the
above described tests. I am sorry that these resulted
in dry holes.

I am also enclosing a copy of the rules and regulations
that were adopted at our hearing in the Highway Department
auditorium on November 29, 1961. I wish to call your
attention to Article 102 on Page 7 with a stress on the
sentence pertaining to a "search for stratigraphic data".
Also, to Paragraphs 1 and 2 of Article 203 on Page 21.

I am sure that you understand my motive in calling your
attention to these new provisions of the rules.

Sincerely,

Brooks Pierce
Petroleum Geologist

BP:hmc
encs