

P-W

R. Y. WALKER & PETROFUNDS INC., #1 NAVAJO
SE/SW Sec-20-T36N-R18E, Navajo Co. 574

County Navajo
Area 15 miles S of Kayenta
Lease No. N00-C-14-20-3809

Well Name R. V. WALKER & PETROFUNDS INC. #1 NAVAJO

Location SE/SW Sec 20 Twp 36N Range 18E Footage 590' from S line & 2050' from W line
Elev 6450 Gr KB Date 12-11-71 Spud Completed Total line
Abandon 12-17-71 Depth 1270

Contractor Beaman Brothers Drilling Company

Casing Size	Depth	Cement	Drilled by Rotary	<u>X</u>
<u>5 1/2"</u>	<u>203'</u>	<u>25 scks</u>	Cable Tool	<u> </u>
<u>2 7/8"</u>	<u>1200</u>	<u>100SK5</u>	Production Horizon	<u> </u>
			Initial Production	<u> </u>

REMARKS FA P & D
See File 580

Elec Logs <u>Gamma Ray - Neutron, Ind. - Elec. Caliper</u>	Sample Log <u> </u>
Applic. <u>Plugging</u>	Sample Descript. <u> </u>
to Plug <u>X</u> Record <u>X</u> Completion <u>X</u> Report <u>X</u>	Sample Set <u> </u>
	Core Analysis <u> </u>
	DSTs <u> </u>

Water well accepted by

Bond Co. BOND NO. 85 45 960
& No. FIDELITY DEPOSIT INSURANCE CORPORATION, BROKER-INSURANCE AGENCY OF AMERICA, HOUSTON TEXAS

Bond Am't \$ \$5,000 Cancelled 1-19-73 Date Organization Report 11-19-71

Filing Receipt 2909 Dated 11-19-71 Well Book X Plat Book X

API No. 02-017-20007 Loc. Plat X Dedication E/2 of SW/4

Permit Number 574 Date Issued 12-16-71

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. Y. Walker & Petrofunds, Inc. Address: 2200 Esperson Building, Houston, Texas 77002

Federal, State or Indian Lease Number or name of lessor if fee lease: Indian - N00-C-14-20-3809 Well Number: 1 Field & Reservoir: Wildcat

Location: 590' FSL & 2050' FWL County: Navajo

Sec. TWP-Range or Block & Survey: Sec. 20, T36N, R18E, Navajo County, Arizona

Date spudded: 12-14-71 Date total depth reached: 12-17-71 Date completed, ready to produce: Dry Elevation (DD, R.E., BT or Gr.) feet: GR 6458' Elevation of casing hd. Survey feet: 6457'

Total depth: 1270' P.B.T.D.: 1258' Single, dual or triple completion?: Dry

Producing interval (s) for this completion: Dry Rotary tools used (interval): Surface to 1270' Cable tools used (interval):

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

Type of electrical or other logs run (check logs filed with the commission): Induction-Electric (X) Gamma Ray-Neutron (X) Date filed: 6-27-72

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	7-7/8"	5-1/2"	15.5#	203'	200	0
Production	4-7/8"	2-7/8"	3.5#	1260'	100	0

TUBING RECORD

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

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
3	Jet	1252 - 1256'	250 gal. acid	1252-56'
4	Jet	1237 - 1246'	250 gal. acid	1237-46'
4	Jet	1221 - 1226'	250 gal. acid	1221-26'

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
			bbbl.	MCF	bbbl.	° API (Corr)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbbl.	MCF	bbbl.	

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

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am an engineer of Petrofunds, Inc. (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: 6-27-72 Signature: *Richard J. [Signature]*

RECEIVED

JUN 30 1972

Permit No. 574 O & G CONS. COMM.

STATE OF ARIZONA

OIL & GAS CONSERVATION COMMISSION

Well Completion or Recompletion Report and Well Log

Form No. 4 File One Copy

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description
Surface rock	Surface	30'	
Shale	30'	125'	Gray shale
Sand	125'	165'	Gray sand
Shale	165'	380'	Black shale
Sand	380'	430'	Gray water bearing sand
Sand	430'	600'	Gray hard sand
Shale	600'	1204'	Gray shale
Sand & shale	1204'	1270'	Stringers of water bearing gray sand and gray shale

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

INSTRUCTIONS:

Attach driller's 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.

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description
Surface rock	Surface	30'	
Shale	30'	125'	Gray shale
Sand	125'	165'	Gray sand
Shale	165'	380'	Black shale
Sand	380'	430'	Gray water bearing sand
Sand	430'	600'	Gray hard sand
Shale	600'	1204'	Gray shale
Sand & shale	1204'	1270'	Stringers of water bearing gray sand and gray shale

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

INSTRUCTIONS:

Attach driller's log or other acceptable log of well.

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

Form No. 4

September 7, 1972

Memo to file No. 574
R. Y. Walker & Petrofunds No. 1 Navajo
SE/SW Section 30-T36N-R18E
Navajo County

Memo from W. E. Allen,
Director, Enforcement Section

I informed Jack Conley that we had failed to receive the samples of the above referenced well, however, we do have samples on R. Y. Walker Permit No. 580. This well is approximately 100' from the No. 1 well. Jack was in agreement with me that we have one set of samples, a set from the other well wasn't important

RECEIVED
JUL 03 1972
O & G CONS. COMM.

Form No. 2
 GENERAL RULES
 201, 202, 213,
 216, 219, 233.1

(SUBMIT IN QUADRUPPLICATE)
 TO

NOTICE
 THIS FORM BECOMES A
 PERMIT WHEN STAMPED
 APPROVED BY AN AGENT
 OF THE COMMISSION.

OIL AND GAS CONSERVATION COMMISSION
 OF THE STATE OF ~~MONTANA~~ ARIZONA
 XXXXXXXXXXXXXXXX

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	X
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

May 31, 1972

Following is a ~~XXXXXXXXXXXXXXXXXXXX~~ report of work done on land ~~XXXXX~~ leased described as follows:
 LEASE NAVAJO
ARIZONA
~~XXXXXXXX~~ Navajo Wildcat
 (State) (County) (Field)

Well No. 1 20 T36N R18E
 (n. sec.) (Township) (Range) (Meridian)

The well is located 590 ft. from XXX line and 2050 ft. from XXX line of Sec. 20

LOCATE ACCURATELY ON PLAT ON BACK OF THIS FORM THE WELL LOCATION, AND SHOW LEASE BOUNDARY

The elevation of the derrick floor above the sea level is 6458 GR.

READ CAREFULLY DETAILS OF PLAN OF WORK READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work, particularly all details results Shooting, Acidizing, Fracturing.)

DETAILS OF WORK
 RESULT

Well permanently plugged as follows:
 Squeezed 10 sx cement into perforations and set from 1260' to 960' in 2-7/8" OD casing.
 Set 10 sx cement plug in 2-7/8" OD casing from 300' to surface.
 Installed permanent marker and restored location to as near original condition as possible.

RECEIVED
 JUN 02 1972

Approved subject to conditions on reverse of form O & G CONS. COMM. Company PETROFUNDS, INC.
 Date _____ By [Signature]
 By _____ Title Engineer
 Address 2200 Esperson Building
Houston, Texas

COMMISSION USE ONLY
 API WELL NUMBER

STATE	COUNTY	WELL
215		

8 574

NOTE:—Reports on this form to be submitted to the District Agent for Approval in Quadruplicate
 WHEN USED AS PERMIT TO DRILL, THIS EXPIRES 90 DAYS FROM DATE OF APPROVAL.

Form No. 2
 GENERAL RULES
 201, 202, 213,
 216, 219, 233.1

(SUBMIT IN QUADRUPPLICATE)
 TO

NOTICE
 THIS FORM BECOMES A
 PERMIT WHEN STAMPED
 APPROVED BY AN AGENT
 OF THE COMMISSION.

OIL AND GAS CONSERVATION COMMISSION
 OF THE STATE OF ~~MISSISSIPPI~~ ARIZONA
~~XXXXXXXXXXXXXXXXXXXX~~

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well	X	Report of Fracturing	

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

May 31, 1972

Following is a notice of intention to do work on land ~~XXXXXX~~ described as follows:
 (report to be made)

LEASE NAVAJO

ARIZONA

Navajo

Wildcat

(State)

(County)

(Field)

Well No. 1 Sec. 20 T36N R18E
 (n. sec.) (Township) (Range) (Meridian)

The well is located 590 ft. from ~~XXX~~ line and 2050 ft. from ~~XXX~~ line of Sec. 20

LOCATE ACCURATELY ON PLAT ON BACK OF THIS FORM THE WELL LOCATION, AND SHOW LEASE BOUNDARY

The elevation of the derrick floor above the sea level is 6458 GR.

READ CAREFULLY DETAILS OF PLAN OF WORK READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work, particularly all details results Shooting, Acidizing, Fracturing.)

DETAILS OF WORK
 RESULT

Plan to permanently plug this well as follows (verbal approval obtained prior to plugging well):

- Set 10 sx cement plug from 1260' to 960' in 2-7/8" OD casing.
- Set 10 sx cement plug from 300' to surface in 2-7/8" OD casing.
- Set permanent marker and restore location.

RECEIVED

JUN 02 1972

O & G CONS. COMM.

Approved subject to conditions on reverse of form

Company PETROFUNDS, INC.

Date

By *[Signature]*

By District Office Agent Title

Title Engineer

Address 2200 Esperson Building
 Houston, Texas 77002

COMMISSION USE ONLY
 API WELL NUMBER

STATE	COUNTY	WELL
25		

9574

NOTE:—Reports on this form to be submitted to the District Agent for Approval in Quadruplicate

WHEN USED AS PERMIT TO DRILL, THIS EXPIRES 90 DAYS FROM DATE OF APPROVAL.

OVER

3 REPORTER PRIC. & SUPPLY CO.

May 22, 1972

Memo to File #574 and #580

Memo from W. E. Allen, Director
Enforcement Section

Dick Davenport, Petrofunds, called for permission to plug the Navajo 1-A. He plans to put a 100' plug in the bottom (from 1224' to 1124') He will run 1 1/2" tubing down the outside of the 5 1/2" casing and circulate cement from 200' back to the surface. A plate will be welded on top of the 5 1/2" casing and this hole will be left for use by the Navajo Tribe as a water well.

The Navajo No. 1 will be plugged in the following manner. The open perforations in the 2 7/8" production string will be squeezed and 100' plug placed in the bottom. A 20' plug with a dry hole marker will be placed in the top.

Phil Mc Grath, U.S.G.S. has approved the plugging of these two wells in the manner described above.

May 1, 1972

Memo to file #574

Memo from W. E. Allen, Director
Enforcement Section

Ed Mc Gavock, U.S.G.S. of Flagstaff, called regarding the R. Y. Walker and Petrofunds Well No. 1 Navajo. Ed wants to use this well for an observation well for the Navajo Tribe.

We have no objections to this. He will need to arrange with Mr. Walker and Petrofunds to use this well. I asked him to send a memo for our files indicating that either the Navajo Tribe or U.S.G.S. had assumed responsibility for this well when and if they take it over as an observation well.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator R. Y. Walker and Petrofunds, Inc.
 2. OIL WELL GAS WELL OTHER (Specify) Testing
 3. Well Name No. 1 Navajo
 Location 590' FSL & 2050' FWL
 Sec. 20 Twp. 36N Rge. 18E County Navajo Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease: N00-C-14-20-3809

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
(OTHER) <u>Temporarily shut-in</u> <input type="checkbox"/>			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was drilled to 1270 feet driller's depth (1257 feet logger's depth) and casing was cemented on December 18, 1971. It has since been perforated (1252 1/2 - 1256 1/2), (1237 - 1246), and (1221 - 1226). Each of these zones tested fresh water with no show of oil or gas.

We feel we are faced with mechanical problems because good oil shows were encountered during drilling operations. A replacement well is planned instead of additional work on the existing well. We request permission to temporarily shut-in the existing well and delay plug and abandonment until such time that the replacement well has been drilled. We plan to drill the second well within 180 days of this date.

The well presently has tubing with a packer set in the hole. A two inch ball valve is on the surface tree. The valve and blow down line are shut off with ball plugs. All surplus pipe and equipment have been removed from the well site.

RECEIVED

JAN 28 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed R. Y. Walker Title Agent Date January 26, 1972

Permit No. 574

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 28

WELL SITE CHECK

By W.E.C
Date 1-19-72

Contractor BRENNAN BROS

Person(s) Contacted _____

Spud Date _____

Type Rig _____ Rotary _____
Cable _____

Present Operations T&A

Samples _____

Pipe 3 1/2" & 2 7/8"

Rig still on location
Air _____
Drilling with Mud

Water Zones _____

Size Hole _____

Lost Circ. Zones _____

Size Drill Pipe _____

Formation Tops _____

Type Bit _____

Cores, Logs, DST _____

No. Bit _____ Drilling Rate _____

Crews _____

Formation _____

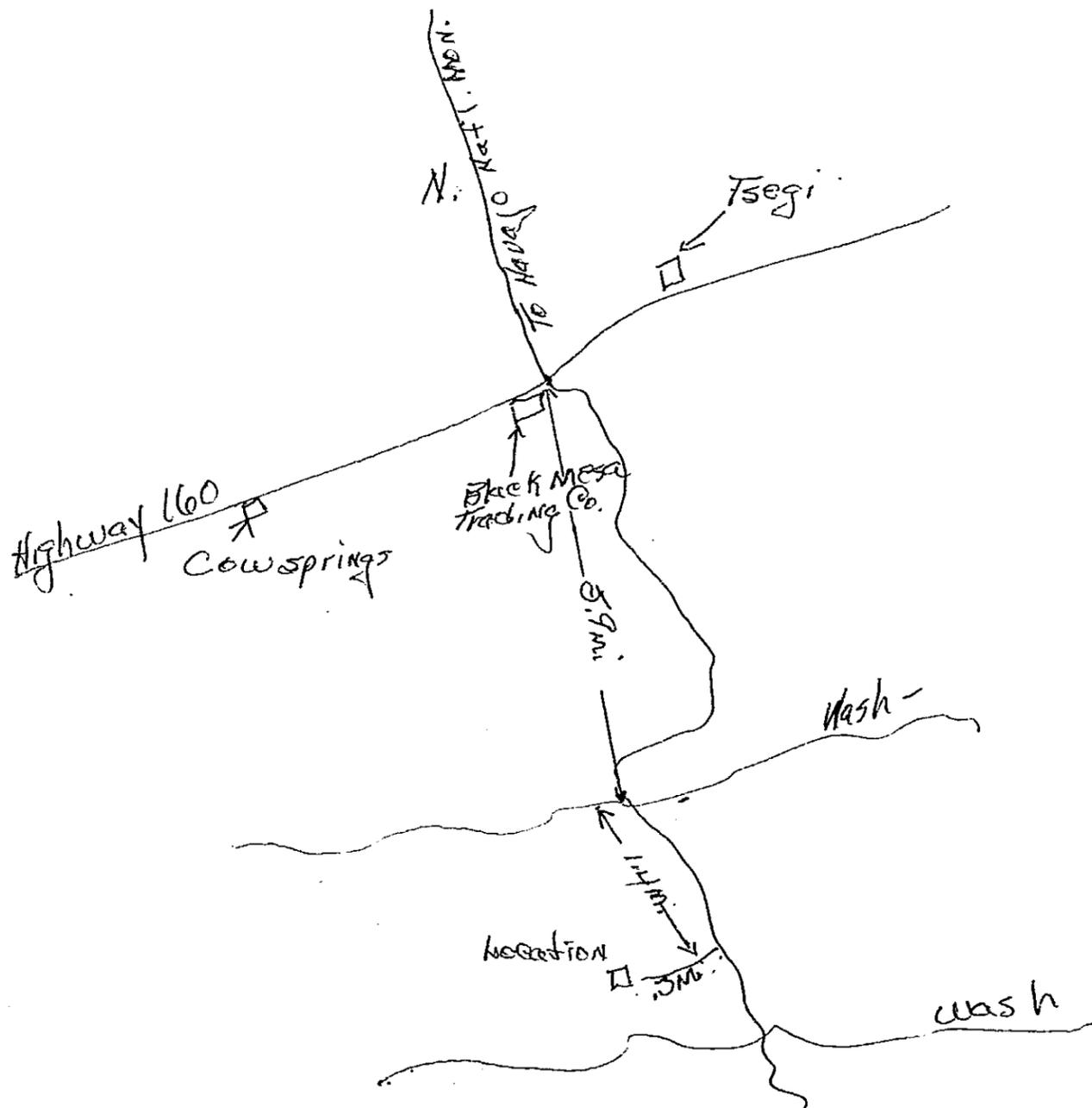
Lithology _____

REMARKS, PHOTO, MAP

SEE MAP



WELL NAME R.V. Walker & Petro
#1 Alaujo



From Highway 160 to road leading to location is 7.3 miles.

R.Y. Walter & Petrofunds
 #1 Navajo
 Permit 1574

January 10, 1972

Memo from W. E. Allen, Director
Enforcement Section

Memo to: R. Y. Walker & Petrofunds Inc.
#1 Navajo
SE/SW Section 20-T36N-R18E
Navajo County
File #574

John Catlett called regarding Progress Report. The original set of perforations from 1252 to 1256 1/2 had been plugged off after testing water. A bridge plug was set at 1249 and casing perforated from 1237 to 1246 with 4 holes per foot. The perforations were washed with 250 gallons of acid, and this zone ~~was~~ also tested for water. A bridge plug was set at 1232, casing perforated from 1221 to 1226 with 4 holes per foot. Operator is preparing to test these perforations. Swab testing on this hole is being done through 1 1/4 tubing.

December 16, 1971

Memo from W. E. Allen, Director
Enforcement Section

Memo to R. Y. WALKER & PETROFUNDS INC, #1 NAVAJO
SE/SW Sec 20-T36N-R18E
Navajo County
Our File #574

Robert Walker called the 12th and 15th of 1971 regarding the above referenced well. This well was spudded December 11, 1971. 5½" surface casing had been set at 203', cemented 25 sks on the 12th and 15th. They were drilling at 970'. Walker indicated that they expected to top the Dakota at 1240'.

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

R. Y. Walker and Petrofunds Inc.
NAME OF COMPANY OR OPERATOR

212 Petroleum Building Abilene, Texas 79601
Address City State

Beaman Brothers Drilling Company
Drilling Contractor

Moab, Utah
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor <u>N00 - C - 14 - 20 - 3809</u>	Well number <u>#1 Navajo</u>	Elevation (ground) <u>Unknown (4) 58</u>
Nearest distance from proposed location to property or lease line: feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet	
Number of acres in lease: <u>1600</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>Only this well</u>	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
Well location (give footage from section lines) <u>590' from S line-2050' from W line</u>	Section—township—range or block and survey <u>Section 20-T36N-R18E</u>	Dedication (Comply with Rule 105) <u>E 1/2 of S/W 1/4</u>
Field and reservoir (if wildcat, so state) <u>Wildcat</u>	County <u>Navajo</u>	
Distance, in miles, and direction from nearest town or post office <u>15 miles South Kayenta</u>		
Proposed depth: <u>1500'</u>	Rotary or cable tools <u>Rotary</u>	Approx. date work will start <u>Immediately</u>
Bond Status Amount <u>\$5,000</u>	Regulation Report <input checked="" type="checkbox"/> On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the R. Y. & Petrofunds Inc. (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.

R. Y. Walker
Signature

11-19-71
Date

Permit Number: 574
Approval Date: 12-16-71
Approved By: [Signature]

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

16 Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

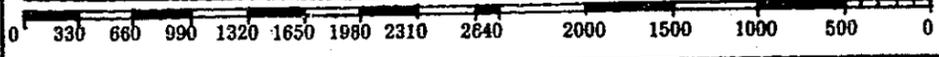
Form No. 3

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____ If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner Midwest Oil Corp. owns 40 acres	Land Description
chkb. under entire lease	

Midwest	R.Y.W. - Petro.		
R.Y.W -Petro Midwest			
Midwest	R.Y.W.- Petro Loc.		
Midwest	R.Y.W.- Petro		

CERTIFICATION
I hereby certify that the information above is true and complete to the best of my knowledge and belief.
Name _____
Position _____
Company _____
Date _____
I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
Date Surveyed _____
Registered Professional Engineer and/or Land Surveyor _____
Certificate No. _____



PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
6"			Suf.	120'	120'	25 sks.

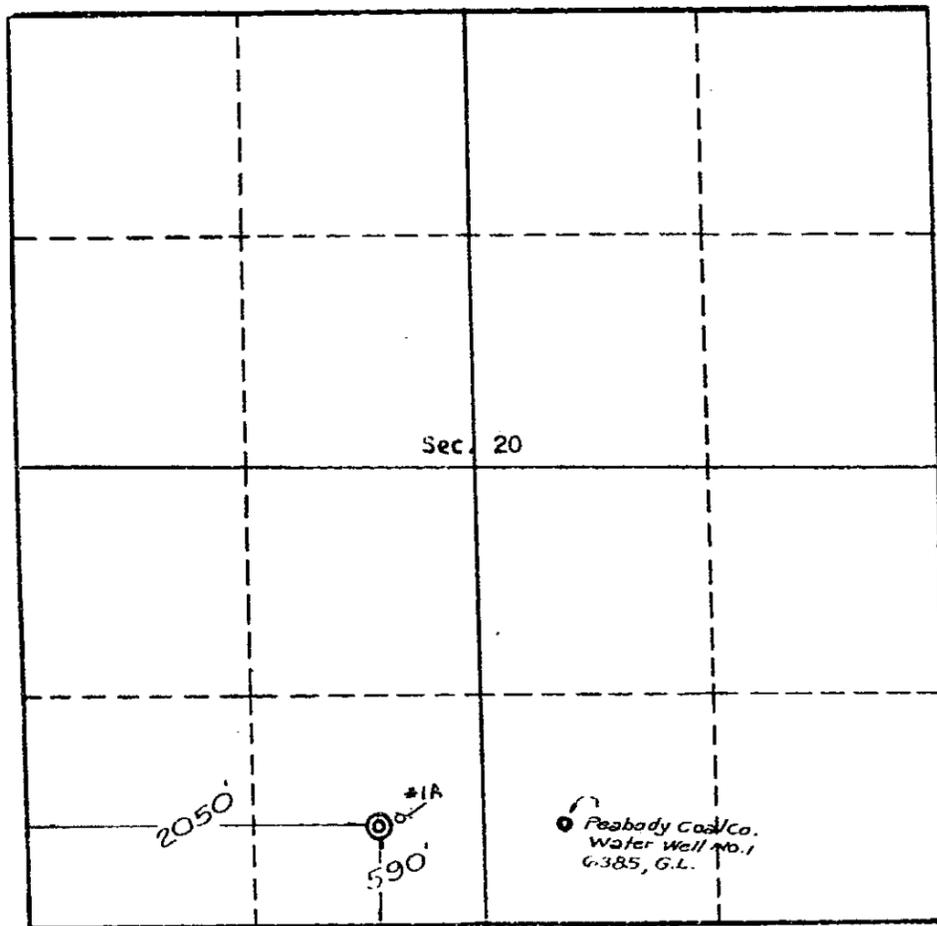
Company Petro Funds

Well Name & No. # 1

Location 590 feet from the South line and 2050 feet from the West line.

Sec. 20, T. 36 N., R. 18 E., G. & S. R. M., County Navajo, Arizona

Ground Elevation 6458

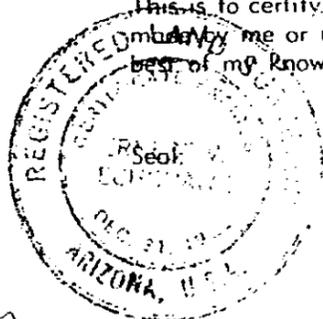


Scale, 1 inch = 1,000 feet

Surveyed November 30

19 71

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

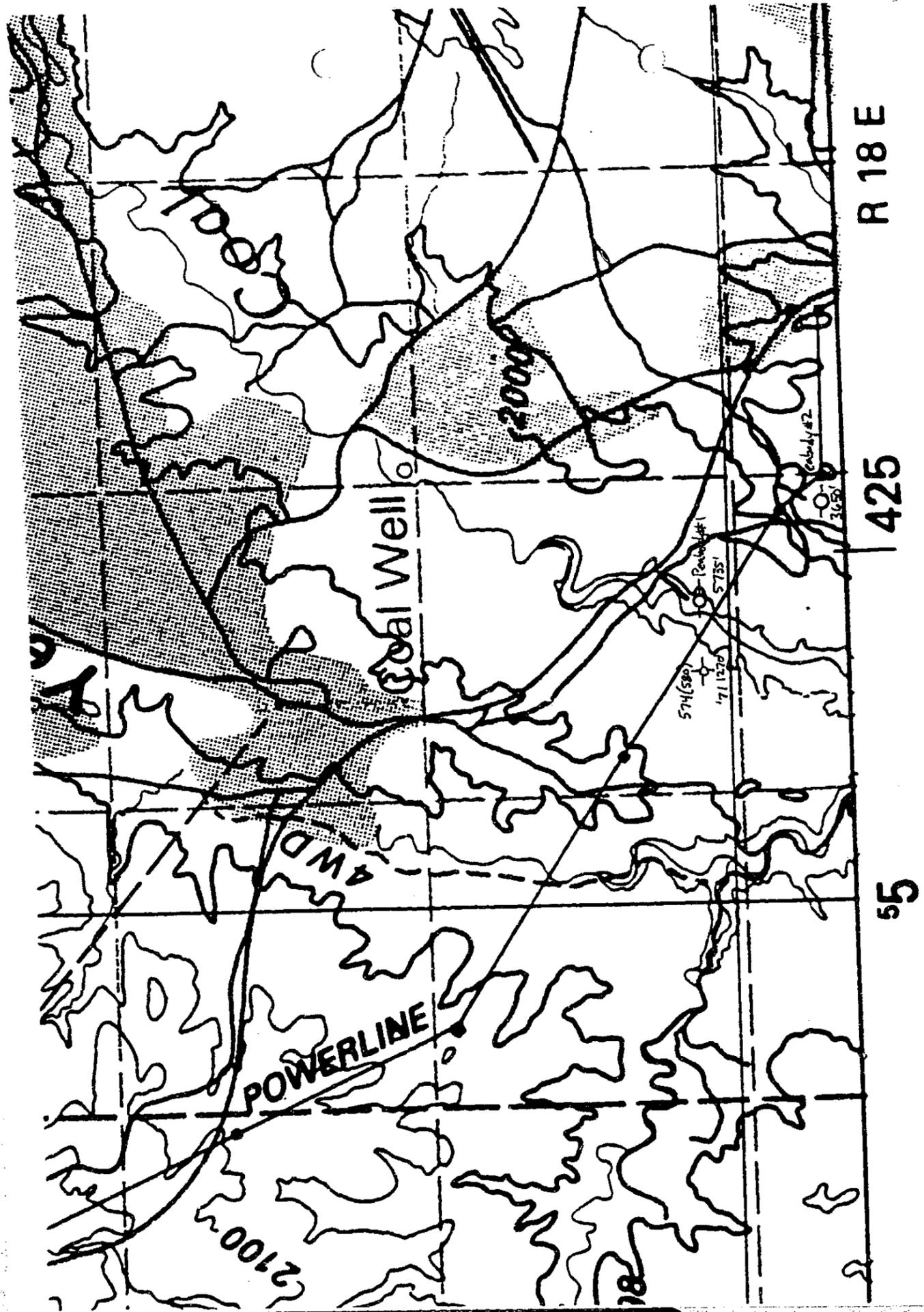


RECEIVED

DEC 1 1971

Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Arizona Registration No. 2311

574





PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: R. Y. WALKER AND PETROFUNDS INC.
(OPERATOR)

to drill a well to be known as

R. Y. WALKER AND PETROFUNDS INC. #1 NAVAJO
(WELL NAME)

located 590' from South line and 2050' from West line

Section 20 Township 36N Range 18E Navajo County, Arizona.

The 1/2 of S/W 1/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 16th day of December, 19 71.

OIL AND GAS CONSERVATION COMMISSION

By W. B. [Signature]
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THRU G (SPACING), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

PERMIT 12-10-71 No. 574

RECEIPT NO. 2909

API NO. 02-017520007

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 14, 1995

Dr. J. Dale Nations, Chairman
Oil and Gas Conservation Commission
P. O. Box 4099
Flagstaff, Arizona 86011

Dear Dale:

I've enclosed a copy of the completion sheet and lith description for the Walker wells number 1 and 1A, permits 574 and 580. A 1:1000000-scale base map with the twp and rge protraction diagrams throughout northeastern Arizona is also enclosed.

Let me know if I may be of further assistance.

Sincerely yours,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

March 12, 1973

Mr. Ted Strickland
Rocky Mountain Well Log Service Co.
1753 Champa Street
Denver, Colorado 80202

Re: Republic Mineral Corp.
Navajo - E2X/File #571
19-36N-30E - Apache County

R. Y. Walker
#1 Navajo/File #574
20-36N-18E-Navajo County

Kerr-McGee Corp.
#1-"C" Navajo/File #484
33-36N-30E - Apache County

Desert Drilling Co. (Keoughan Drlg. Co.)
#1 State/File #156
16-7S-13W - Yuma County

Dear Mr. Strickland:

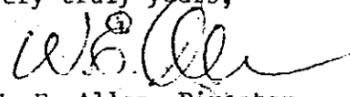
We are forwarding, on loan, the following logs that you have requested on the above referenced wells:

Republic Minerals Corp. -	Compensated Formation Density Log Induction - Electrical Log
Kerr-McGee Corp. -	Induction - Electrical Log Borehole Compensated Sonic Log - Gamma Ray
R. Y. Walker -	Caliper Log Induction-Electrical Log Gamma Ray-Neutron
Desert Drilling Co. - (Keoughan Drlg. Co.)	Two Acoustilog Logs Induction Electrolog

The logs on the two Humble Oil & Refining Wells you requested are confidential until September 13, 1973.

It will be appreciated if you will return these logs as quickly as possible.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rlb

Rocky Mountain Well Log Service Co.

1753 Champa Street

DENVER, COLORADO

266-0588 Area Code 303

80202

BOB ANDREWS, Division Manager



March 8, 1973

CASPER, WYOMING

BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 234-5921

Arizona Oil & Gas Conservation Commission

Attn: W. E. Allen
4515 North 7th Ave
Phoenix, Arizona 85013

MIDLAND, TEXAS

DAVID CLARK
105 WEST WALL
PHONE 682-0551

Gentlemen:

May we please borrow the following logs from you?

Republic Mineral Corp.
Navajo - E2X
19-36N-30E

Humble O & R
#1-14 State
25-3S-11W

Humble O & R
#1-74 State
2-8S-8E

Kerr-McGee Corp.
#1-"C" Navajo
33-36N-30E

R. Y. Walker
#1 Navajo
20-36N-18E

Keoughan Drlg. Co.
#1 State
16-7S-13W

Please find enclosed a postage-paid, self-addressed envelope for your convenience.

Thank you for your cooperation in advance.

Sincerely,

Ted Strickland

Ted Strickland

TLS:ck

RECEIVED

MAR 12 1973

O & G CONS. COMM.

January 19, 1973

Miss Dorothy Petkas
Fidelity & Deposit Company of Maryland
10th Floor, First City National Bank Building
Houston, Texas 77002

Re: R. Y. Walker & Petrofund Bond No. 85 45 960

Dear Miss Petkas:

Mr. R. Y. Walker has requested that the Oil and Gas Conservation Commission of the State of Arizona, release Bond No. 85 45 960.

Mr. Walker has complied with all rules and regulations of the Oil and Gas Conservation Commission, therefore, the Commission does hereby authorize release of subject bond.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

lcc - Mr. R. Y. Walker

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 85 45 960

That we: ROBERT Y. WALKER, JR.

of the County of TAYLOR in the State of TEXAS

as principal, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND

of Baltimore, Maryland

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of FIVE THOUSAND AND NO/100 -----\$5,000.00 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 are 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:

Lease # N00-C-14-20-3809 Section 20 T36N-R 18E Navajo County, Arizona (May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the 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 and Gas Conservation Commission all notices and records required by said Commission, then 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, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

- 1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 16th day of December, 1971

CANCELLED

ROBERT Y. WALKER, JR.

BY: Robert Y. Walker, Jr. Principal

DATE 1-19-73

WITNESS our hands and seals this 16th day of December, 1971

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

BY: JOHN H. TRUEHEART Surety ATTORNEY-IN-FACT

A. Grant Kason, Jr. Surety, Resident/Arizona Agent If issued in a state other than Arizona)

RECEIVED

DEC 27 1971

O & G CONS. COMM.

(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 12-16-71 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION By: W.B. Allen

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION RECEIVED Bond File Two Copies DEC 31 1971 Form No. 2 O & G CONS. COMM.

Permit No. 574

Power of Attorney
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
 HOME OFFICE: BALTIMORE, MD.

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by A. R. FROMM, Vice-President, and M. R. BESTRY, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which reads as follows:

"The President, or any one of the Executive Vice-Presidents, or any one of the additional Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Resident Assistant Secretaries and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertakings, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgments, decrees, mortgages and instruments in the nature of mortgages, and also all other instruments and documents which the business of the Company may require, and to affix the seal of the Company thereto."

does hereby nominate, constitute and appoint William S. Price, John H. Trueheart, Roland F. Bonewitz, V. A. Browning, Max D. Scott and Douglas L. Stockman, all of Houston, Texas, EACH.....

its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings... EXCEPT bonds on behalf of Independent Executors, Community Survivors and Community Guardians.....

And the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of William S. Price, et al, dated June 24, 1969.

The said Assistant Secretary does hereby certify that the foregoing is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 26th day of February, A.D. 1971.

ATTEST: FIDELITY AND DEPOSIT COMPANY OF MARYLAND

(SIGNED) M. R. BESTRY By A. R. FROMM
 (SEAL) Assistant Secretary Vice-President

STATE OF MARYLAND } ss:
 CITY OF BALTIMORE

On this 26th day of February, A.D. 1971, before the subscriber, a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and qualified, came the above-named Vice-President and Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself deposed and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the City of Baltimore, the day and year first above written.

(SIGNED) GLORIA J. COLEMAN
 (SEAL) Notary Public Commission Expires July 1, 1974

DATE 1-19-73 CERTIFICATE

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2 of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 16th day of July, 1969.

RESOLVED: "That the facsimile or mechanically reproduced signature of any Assistant Secretary of the Company, whether read hereof or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company, this 31st day of December, 1971.

O & G CONS. COMM.

DEC 27 1971

M. R. Bestry
 Assistant Secretary

ROBERT Y. WALKER
212 PETROLEUM BUILDING
CERTIFIED PETROLEUM GEOLOGIST #1449
ABILENE, TEXAS 79601

Jan. 15, 1973

OFFICE: (915) 673-3812
HOME: 692-2626

Oil An Gas Conservation Commission
4515 North 7th Ave.,
Phoenix, Arizona 85013

Gentlemen:

I am currently bonded for oil and gas operations in Arizona with the Fidelity and Deposit Company of Maryland said bond being No. 85 45 960.

Since Petrofunds is not planning any additional development in the near future please release this bond.

Very truly yours,

R. Y. Walker
R. Y. Walker.

RECEIVED

JAN 18 1973

O & G CONS. COMM.



Fidelity and Deposit Company

BONDING

OF MARYLAND

INSURANCE

10th Floor, First City National Bank Building, Houston, Texas 77002, Phone (713) 223-1371

Max D. Scott
Resident Vice-President

R. F. Bonewitz
John H. Trueheart
Managers

D. L. Stockman
Associate Manager

V. A. Browning
Duane A. Warden
Assistant Managers

William C. Gerke
James C. Spencer
Gary W. Wheatley
Special Representatives

December 26, 1972

State of Arizona
Oil & Gas Conservation Commission
Phoenix, Arizona

Re: Bond #85 45 960 - Robert Y. Walker
212 Petroleum Bldg.

Gentlemen:

On December 16, 1972, our Company issued the above captioned Oil Drilling Permit Bond.

We have now been advised that this bond is no longer needed and should be cancelled as soon as possible. Please let us have a letter releasing our Company of any further liability and inform us of the effective date of cancellation.

For your convenience, I am enclosing a stamped self-addressed envelope.

Thank you.

Yours very truly,

Dorothy Petkas (Miss)
Renewal Department

DP/mk
Attachment

RECEIVED

JAN 04 1973

O & G CONS. COMM.

January 4, 1973

Mr. R. Y. Walker
Petrofunds, Inc.
212 Petroleum Building
Abilene, Texas 79601

Re: R. Y. Walker No. 1 Navajo
SE-SW Section 30-T36N-R18E
Navajo County
Permit No. 574

BOND NO: #85 45 960

Dear Bob:

We have received a request from the Fidelity and Deposit Company of Maryland for the release of the above referenced bond. Since you have fulfilled all the Commission's requirements, we have no objections to the release of this bond. However, before we can notify the bonding company of the release, we must have a request from you, the operator, requesting this bond be released.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rib

lcc- Houston Office

July 10, 1972

Mr. R. Y. Walker
212 Petroleum Building
Abilene, Texas 79601

Re: R. Y. Walker & Petrofunds Inc., No. 1 Navajo
SE/SW Section 16-T36N-R18E
Navajo County
Our File #574

Dear Bob:

Thank you for the sample analysis of the No. 1 well, however, we still need samples on this well. If you will refer to page 16, Rule 119 of the Arizona Rules and Regulations which were in effect at the time you made application to drill this well, you will notice that samples were required. Also, if you will check the bottom left hand corner of your Permit to Drill this well, you will see the notation "Samples are required". It will be appreciated if you will make every effort to secure a cut of these samples.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

ROBERT Y. WALKER
212 PETROLEUM BUILDING
CERTIFIED PETROLEUM GEOLOGIST #1449
ABILENE, TEXAS 79601

OFFICE: (915) 673-3812
HOME: 692-2626

June 29, 1972

Mr. Wm. Allen
Arizona Oil And Gas Commission
4515 North 7th Ave.,
Phoenix, Arizona, 85013

Dear Bill:

A set of samples on our No. 1 Navajo, drilled last December was stored in the Holiday Inn at Kayenta, and I am not sure that they are still there. When we drilled this test it was not a requirement to furnish a set of samples and after I ran my sample log I stored them in case we needed them at a later date.

In lieu of the samples, I am enclosing herewith a copy of my sample analysis on the first well for your files. As you know, the No. 1*A was less than 100' from the No. 1 so there should be no material difference.

I am now convinced the oil we saw came out of the Mancos shale lying just above the Dakota sand. Incidentally, there is a report in the April issue of the AAPG Bulletin of 1972 discussing a field producing in NW New Mexico from a fractured member of the Mancos shale.

I trust this will satisfy your requirements at this time. Thanks for all your help. I haven't given up yet!

Best regards,

R. Y. Walker
R. Y. Walker

cc Petrofunds, Inc.

RECEIVED

JUL 03 1972

O & G CONS. COMM.

574

June 23, 1972

Mr. R. J. Davenport
Petrofunds, Inc.
2200 Esperson Building
Houston, Texas 77002

Re: R. Y. Walker & Petrofunds, Inc., No. 1 Navajo
SE/SW Section 20-T36N-R18E
Navajo County
Our File 574

Dear Mr. Davenport:

We received your letter dated June 16, 1972, stating that the samples from your Navajo No. 1-A well had been left with Four Corners Sample Cut.

If you will refer to our letter dated June 14, 1972 regarding the samples, you will note that we were inquiring about the samples from your No. 1 well, the first well that you drilled in Navajo County. Will you please advise the disposition that has been made of these samples and arrange for the Commission to get a cut of same.

Before we can close our files on these two holes, we will need to receive from you a Completion Report, Form 1, on each of these wells.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

lcc - Mr. Walker

PETROFUNDS, INC.
2200 Esperson Building
Houston, Texas 77002
(713) 223-4981

Offices:
New York, New York
Boston, Massachusetts

June 16, 1972

WA

Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen, Director

Re: R. Y. Walker and
Petrofunds, Inc. Navajo
1-A Well, Navajo County,
Arizona

Dear Mr. Allen:

The samples collected from the above referenced well were left with the Four Corners Sample Cut Association May 22, 1972. They have been instructed to forward one sample cut to your office and one cut to the University of Arizona at Tuscon. Evidently there has been some delay in their accomplishing this; however, you should receive these in the very near future.

Very truly yours,

PETROFUNDS, INC.

R. J. Davenport

R. J. Davenport

RJD:g1

cc: Four Corners Sample
Cut Association
Mr. R. Y. Walker

RECEIVED

JUN 17 1972

O & G CONS. COMM.

June 14, 1972

Mr. R. Y. Walker
212 Petroleum Building
Abilene, Texas 79601

Re: R. Y. Walker & Petrofunds Inc. No. 1 Navajo
SE/SW Section 10-T36N-R18E
Navajo County
Our File #574

Dear Bob:

We have received notification from Four Corners Sample Cut Association that the samples from your No. 1-A well have been received at the Cut, however, we have not received the samples from the above referenced well. Nor have we any indication that they have been delivered to Four Corners Sample Cut.

Will you please see that the Oil and Gas Conservation Commission and University of Arizona in Tucson receive the samples from your No. 1 Navajo.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rib

1cc - Mr. R. J. Davenport
Petrofunds, Inc.
2200 Esperson Building
Houston, Texas

January 28, 1972

Mr. R. Y. Walker
212 Petroleum Building
Abilene, Texas 79601

Re: R. Y. Walker & Petrofunds Inc. #1 Navajo
SE/SW Section 20-T36N-R18E
Navajo County
Our File #574

Dear Bob: Walker:

Thank you for the Form 25, Sundry Notices and Reports on Wells. Your request to leave the above referenced well on a temporarily abandoned status has been noted. By this letter we are granting your request for a 6-month period ending August 1, 1972.

We are looking forward to your people drilling another hole and sincerely hope that the next time around the venture will be more successful.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

December 27, 1971

Mr. R. Y. Walker
212 Petroleum Building
Abilene, Texas 79601

Re: R. Y. Walker & Petrofunds Inc. #1 Navajo
SE/SW Section 20-T36N-R18E
Navajo County
Our File #574

Dear Mr. Walker:

We are returning Bond # 85 45 960 for your signature. Please sign
and return this Bond immediately.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.

R.V. Walker & Petro Friends
SE/SW T-36N-R18E Cawjoc
ET 6458 G.L.

spudded Dec. 11, 1971
5 1/2 @ 203' UP 25 SKS
12-15-71 Drlg. 970

Holiday Inn - Kayenta
Rm 124
697-3221 -

Talked w/ J.A. McRae, Pres.
he referred me to Ches
Berry. Berry said their
INS. Co. would furnish board.
said he would have them
call me before 5 PM.

Dick Nelson is man he
mentioned w/ the INS. Co.
Richard Nelson w/ INS.
Agency of America
Houston, Tex.

713-621-8870

Called 3:43 PM 12-15-71

WU
western union

Telegram

RECEIVED

DEC 20 1971

O & G CORP. COMM.

648A PST DEC 16 71 LA105 NSB003

NS HSA232 NL PDF HOUTON TEX 15

V E ALLEN 602/271-5161

ARIZONA OIL AND GAS COMMISSION 4515 N SEVENTH AVE FONE PHOENIX

ARIZ 85013 *Phoenix Ar*

RE ROBERT Y. WALKER \$5,000 PERFORMANCE BOND IS IN EFFECT COVERING

WELL AT SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION

TWENTY TOWNSHIP NORTH 36 RANGE EIGHTEEN EAST NAVAJO COUNTY

ARIZONA BOND WILL BE DELIVERED WITHIN THE NEXT FEW DAYS

RICHARD NELSON INSURANCE AGENCY OF AMERICA 5051 WESTHEIMER

HOUSTON TEXAS 77027

5,000 36 .

*900A: Allen
mail
reg 1120A*

December 16, 1971

Mr. R. Y. Walker
212 Petroleum Building
Abilene, Texas 79601

Re: R. Y. Walker & Petrofunds Inc. #1 Navajo
SE/SW Section-20-T36N-R18E
Navajo County
Our File #574

Dear Mr. Walker:

Enclosed please find Receipt No. 2909 covering the \$25 filing fee, a copy of your approved application for Permit to Drill and Permit to Drill #574.

Also enclosed are miscellaneous instruction sheets concerning samples and other Commission requirements.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.