

CONFIDENTIAL

Release Date *11-28-76*

P-W

CATHEDRAL NO. 1 FEDERAL
SE SW Sec. 16-T17N-R5E YAVAPAI CO. 551

s1

COUNTY Yavapai AREA apprx. 4 1/2 miles/ Sedona LEASE NO. Fed. A2693-A

WELL NAME Cathedral No. 1. Federal

LOCATION SE SW SEC 16 TWP 17N RANGE 5E FOOTAGE 1980' FWL - 1190' FSL

ELEV 4430' GR KB SPUD DATE 4-12-71 STATUS P&A TOTAL DEPTH 1015' COMP. DATE 31-1-73

CONTRACTOR Daryl Drilling Company & Childress Drilling

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x to 665'</u>
<u>8 5/8"</u>	<u>20'</u>	<u>3 SKS</u>	<u>NA</u>	DRILLED BY CABLE TOOL	<u>x</u>
<u>6 5/8"</u>	<u>858'</u>	<u>88 SKS</u>		PRODUCTIVE RESERVOIR	<u>NA</u>
				INITIAL PRODUCTION	<u>Dry Hole</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Naco (Lower) Supai</u>	<u>0'</u>	<u>X</u>		
<u>Mississippian</u>	<u>360'</u>	<u>X</u>		<u>Entry at 635' with several water entry zones to 957'</u>
<u>Devonian</u>	<u>470'</u>	<u>X</u>		
<u>Cambrian Tapeats</u>	<u>957'</u>	<u>X</u>		
<u>Pre-Cambrian</u>	<u>1014'</u>	<u>X</u>		
<u>TD</u>	<u>1015'</u>	<u>X</u>		

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>X</u>
<u>Sample Log</u>	<u>NA</u>	<u>NA</u>	SAMPLE DESCRP. <u>X</u>
			SAMPLE NO. <u>1666</u>
			CORE ANALYSIS <u>NA</u>
			DSTs <u>NA</u>

REMARKS	APP. TO PLUG <u>X</u>
	PLUGGING REP. <u>X</u>
	COMP. REPORT <u>X</u>

WATER WELL ACCEPTED BY Coconino National Forest

BOND CO. United States Fidelity & Guaranty BOND NO. 60-0120-803-1
 BOND AMT. \$ 5,000 CANCELLED 3-5-73 DATE 4-3-71
 FILING RECEIPT 2885 LOC. PLAT WELL BOOK X PLAT BOOK X ORGANIZATION REPORT 4-3-71
 API NO. 02-025-20012 DATE ISSUED 4-8-71 DEDICATION S/2 SW/4

PERMIT NUMBER 551

(over)

CONFIDENTIAL
Release Date 11-28-71

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

P&A

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

DESCRIPTION OF WELL AND LEASE

Operator Cathedral #1 Federal		Address Box 1107 Sedona, Az. 86336	
Federal, State or Indian Lease Number or name of lessor if fee lease BLM A 2693A		Well Number 1	Field & Reservoir
Location 1980' FWL 1190' FSL S16 T17N R5E		County Yavapai	
Sec. TWP-Range or Block & Survey			
Date spudded 14 April 1971	Date total depth reached 1015' 27 May	Date completed, ready to produce 7/71	Elevation (DF, BENCH, ST. or Cr.) 4435' MSL feet
Elevation of casing top, BENCH SURF. + 4 feet			
Total depth 1015'	P.B.T.D. n/a	Single, dual or triple completion? n/a	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion Dry		Rotary tools used (interval) 0-665'	Cable tools used (interval) 665'-1015'
Was this well directionally drilled? no.	Was directional survey made? no.	Was copy of directional survey filed? na	Date filed
Type of electrical or other logs run (check logs filed with the commission) none except sample log on file			Date filed 1971

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	10"	8 5/8"	22.6	20'	3	0
Inter.	8"	6 5/8"	17.02	858'	88	0

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	Amt. & kind of material used	Depth Interval

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 bbbl.	Gas prod. during test MCF	Water prod. during test bbbl.	Oil gravity ° API (Corr)
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbbl.	Gas MCF	Water bbbl.	Gas-oil ratio

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 Gen... Partner... & Atty... in Fact of the Cathedral #1 Federal (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 March 2, 1973

Signature *Earl Huggins*

RECEIVED

MAR 08 1973

O & G CONS. COMM.

Permit No. 551

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Well Completion or Recompletion Report and Well Log

File One Copy

Form No. 4

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description
P Naco (supai) Surf		306'	Red, buff and orange siltstones & sand stones, mudstones and shales w/ some stringers of Ls & chert
Mr Redwall	306'	473'	White to grey Ls w/ some intracavernous filling of pink mud & mudstone, cherty stringers
Devonian Martin	473'	953'	We identify the Martin section as 3 separate members; Upper section 473-755'; middle member 755'-924'; lower section 924-953'. Upper and middle member made up of Ls, shales, sandy limes and cherty stringers in various forms, colors and thickness. The lower member is a good clean sand w/ exlnt. porosity. See well log for details.
Tapeats SS	953'	1014'	Cambrian sedimentary SS fine to coarse red w/ black mix titly cemented; hard
Red Granite	1014'	1015'	Pre-Cambrian red/black strgrs. VV hard

Note: Very heavy water entry (fresh) 924' to 968'

* Show all important zones of porosity, details 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 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 and Gas Conservation Commission not later than thirty days after project completion.

PLUGGING RECORD

Operator Cathedral No.1 Federal		Address Box 1107 Sedona, Az. 86336			
Federal, State, or Indian Lease Number, or lessor's name if fee lease. Federal		Well No. 1	Field & Reservoir N/A		
Location of Well 1980' FWL 1190' FSL (S½SW¼) T.17N. R.5E. G&SR		Sec-Twp-Rge or Block & Survey		County Yavapai	
Application to drill this well was filed in name of Cathedral No.1 Federal	Has this well ever produced oil or gas no	Character of well at completion (initial production): Oil (bbls/day) 0 Gas (MCF/day) 0		Dry? yes	
Date plugged: see below	Total depth 1015	Amount well producing when plugged: Oil (bbls/day) 0 Gas (MCF/day) 0		baller test 49 bls. 3 hrs.	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement	
Lower Supai Naco	none	Surf. to 360'		20' 8 5/8" 3 sks.	
Mississippi Redwall	none	360' to 470'		none	
Devonian Martin	fresh water	470' to 957'		658' 6 5/8" 88 sks.	
		entry at 635' with several water entry zones to 957'.		Open hole 658' to T.D.	
Cambrian Tapeats & Granite to T.D.		NO water entry.		T.D.	
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
8 5/8"	20 ft.	-	20'	-	-
6 5/8"	658'	-	658'	-	-
Was well filled with mud-laden fluid, according to regulations?		Indicate deepest formation containing fresh water.			
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address		Direction from this well:		
Federal					
<p>In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.</p> <p>Wherein the water entry occurs from several zones in the lower Devonian section only, and are interconnected, the lowest zone of entry being(over)</p> <p>Use reverse side for additional detail.</p>					
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Attorney in Fact</u> of the <u>Cathedral No. 1 Federal</u> (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.</p> <p>Date <u>May 28, 1971</u> Signature <u>Earl Huggins</u></p>					
<p align="center">RECEIVED</p> <p align="center">JUN 1 1971</p> <p>Permit No. <u>551</u> O & G CONS. COMM.</p>		<p align="center">STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION</p> <p align="center">Plugging Record File One Copy</p> <p align="center">Form No. 10</p>			

at the base of the Devonian formation, which rests directly on the top of the Cambrian Tapeats, which rests directly on Cambrian Red Granite. Neither of the sections under the last water entry has any porosity whatsoever, both being extremely hard, dense and non-porous. Mr. Phil McGrath of the USGS advises that under these conditions, it is inadvisable and unnecessary to plug the hole under the last zone of fresh water entry because the lower formation itself is already the best plug obtainable, and there would be no risk in accidentally displacing cement at the zone of fresh water entry.

The US Forest Service has requested that this well be turned over to them as is for their future use. RE: Mr. Finley, USDA Forest Service, 114 N. San Francisco, Flagstaff, Arizona 86001.

APPLICATION TO ABANDON AND PLUG

FIELD _____
 OPERATOR Cathedral No.1 Federal ADDRESS Box 1107 Sedona, Az. 86336
 Federal, State, or Indian Lease Number _____ WELL NO. same as above
 or Lessor's Name if Fee Lease Federal
 LOCATION 1980' FWL 1190' FSL (S $\frac{1}{2}$ SW $\frac{1}{4}$) S.16 T.17N. R.5E. G&SR Arizona

TYPE OF WELL Dry hole TOTAL DEPTH 1015'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) _____

LAST PRODUCTION TEST OIL _____ (Bbls.) WATER Fresh 49 ^(bailer) (Bbls.)
 GAS _____ (MCF) DATE OF TEST May 27, 1971

PRODUCING HORIZON (water) PRODUCING FROM 635' TO 957'

1. COMPLETE CASING RECORD.

Surface: 20' 8 5/8" x 1/2 wall Surf. to 20' cement w/ 3 sks.
 Inter: 858' 6 5/8" x 1/2 wall Surf. to 858' Cement w/ 88 sks.

2. FULL DETAILS OF PROPOSED PLAN OF WORK Wherein there were no shows, and all zones produced fresh water from the lower Devonian section, and all zones of water production were interconnected, the Forest Service has requested that this well be turned over to them as a water well as is. The formation under the last water entry zone is tightly cemented Cambrian Tapeats to 1014'; under that is red granite to 1015' T.D. with no porosity, fracturing or water entry from 957' to 1015'.

RECEIVED

JUN 1 1971

O & G CONS. COMM.

DATE COMMENCING OPERATIONS May 28, 1971

NAME OF PERSON DOING WORK operator as applica

Earl Higgins - Cathedral No.1. Federal
Signature

Atty in fact
Title

Box 1107 Sedona, Az. 86336
Address

May 28, 1971
Date

Date Approved [Signature]
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By: 6-7-71

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

Permit No. 551

TO: Oil and Gas Conservation Commission
State of Arizona
1624 W. Adams, Room 202
Phoenix, Arizona 85007

This is to advise you that I accept the abandoned wildcat well, known as the
Cathedral No. 1 Federal located on the SE SW $\frac{1}{4}$ - $\frac{1}{4}$
of Section 16 Township 17N Range 5E, County of Yavapai
Arizona, as a water well to be used for domestic purposes.

Further, I accept full responsibility for the proper maintenance and use of
the above well, including final plugging, in full compliance with the Rules
and Regulations adopted by the Oil and Gas Conservation Commission.

I understand that I am responsible for compliance with the provisions of the
State Water Code, Chapter 1, Title 45, Arizona Revised Statutes and with any
applicable requirements of U.S. Geological Survey.

Signature Don D. Seaman
Address Forest Supervisor
Coconino Nat'l Forest
Flagstaff, Arizona

State of Arizona
County of Coconino

On this, the 2 day of June, 19 71, before me, _____

Laura B. Finley, the undersigned officer, personally appeared

Don D. Seaman, known to me (or satisfactorily proven)
to be the person whose name is subscribed to the within instrument and ack-
nowledged that _____ he _____ executed the same for the
purpose therein contained.

In witness whereof I hereunto set my hand and official seal

Notary Public Laura B. Finley

My Commission expires November 25, 1972

RECEIVED

JUN 7 1971

O & G CONS. COMM.

State of Arizona
OIL & GAS CONSERVATION COMMISSION
WATER WELL ACCEPTANCE
Form 26 - File one copy

Permit No. 551

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

A 2693 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Cathedral #1 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

S16 T17N R5E

12. COUNTY OR PARISH
Yavapai

13. STATE
Ariz.

1.

OIL WELL

GAS WELL

OTHER

Plug & Abandon

2. NAME OF OPERATOR

Earl Huggins
Cathedral #1 Federal (Ltd. Ptnshp.) Gen. Ptnr

3. ADDRESS OF OPERATOR

Box 1107 Sedona, Arizona 86336

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface:

1980' FWL 1190' FSL S.16 T.17N R5E G&SR

14. PERMIT NO.

Ariz. 551

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ground level

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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.)*

This well plugged March 1, 1973 as follows and witnessed by Mr. Don Russell, USGS and Bill Allen, Ariz. O&G Conserv. Comm.:

Placed 123 cu. ft. cement grout w/ 2% CC thru top of hole and displaced water back into formation. Cement column measured at 525' depth after placement, and allowing for formation loss and casing sidewall coating, indicates that the cement went to t.d. and stood 333' up inside the casing, with a total lower plug column of 490'. A top plug was placed in casing from 35' depth to top of casing, using 3 pts. sand to 1 pt. cement grout.

Pit filled in and all cleanup requirements have been met.

RECEIVED

MAR 10 1973

Plugging witnessed by D. F. Russell of U. S. Geological Survey, March 2, 1973.

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

SIGNED

Earl Huggins

TITLE Gen. Partner & Fact

Atty. in

DATE March 2, 1973

(This space for Federal or State office use)

APPROVED BY

D. F. Russell

TITLE District Engineer

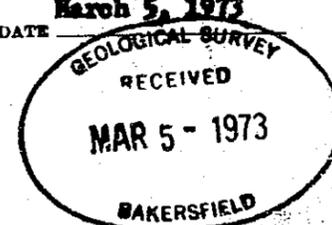
DATE

March 5, 1973

cc: Oil & Gas Commission, Phoenix, Ariz.

: U.S. Forest Service, Flagstaff, Arizona (Coconino NF)

: U.S. BLM, Att. Hall Susie, Phoenix, Arizona *See Instructions on Reverse Side



Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.
BLM A2693A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. NAME OF OPERATOR
Cathedral #1 Federal

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S.16 T17N R5E G&SR
Arizona

12. COUNTY OR PARISH 13. STATE
Yavapai Arizona

1. OIL WELL GAS WELL OTHER Dry Hole (water)

2. NAME OF OPERATOR
Earl Huggins

3. ADDRESS OF OPERATOR
Cathedral #1 Federal (Ltd. Ptnshp.) Gen. Ptnr.
Box 1107 Sedona, Arizona 86336

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1980' FWL 1190' FSL S.16 T17N R5E G&SR

14. PERMIT NO.
#551 Arizona

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
From Ground Level

16. 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"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

17. 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.)

Existing Casing: Surface, 20' of 8 5/8", cemented w/ 5sk. Surface +4' to 858' depth, 6 5/8", cemented at bottom w/ 88 sks. and cemented at top w/ 20 sks.

Hole: Cased and cemented to 858'. Open hole 6" dia. to 1015' T.D. Total length of uncased open hole= 157'. No oil, gas or other fresh water contaminates were encountered during drilling. The present casing penetrates the Devonian Formation 385 feet, and no zones found that would permit formation interchange. Water zone (fresh) encountered 924' to 968' in very pourous sand, at base of Devonian section. Formation under is tightly cemented Tapeats SS 968'-1012', with impervious basement granite 1012' to 1015' T.D. Water level static at 613' as of 2-73 test.

Proposed plugging program: Due to the simple characteristics of this well, it is proposed to plug by use of redi-mix truck from the top of casing, properly placing approx. 203 cu. ft. of cement grout in hole, displacing water downward by hydrostatic force into formation, and creating a solid plug a minimum of 100 ft. up inside casing from T.D. and a solid plug of not less than 50 ft. at top of casing; or a maximum of a solid cement plug in hole from T.D. to top of casing.

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

SIGNED Earl Huggins TITLE Gen. Partner & Atty. in fact DATE Feb. 22, 1973

(This space for Federal or State office use)

APPROVED BY D.F. Russell TITLE District Engineer DATE Feb. 26, 1973

CONDITIONS OF APPROVAL, IF ANY: D.F. Russell

SEE ATTACHED CONDITIONS AND REQUIREMENTS
cc - Oil & Gas Conservation Commission, Phoenix

RECEIVED
FEB 28 1973

GEOLOGICAL SURVEY
RECEIVED
FEB 26 1973
BAKERSFIELD

August 28, 1972

Memo to file No. 551, Cathedral Federal No. 1

Memo from W. E. Allen, Director
Enforcement Section

Called Earl Huggins to request log on this well. Earl said that he had sent the log to the Commission. We have no record of receiving this log. Earl will send his copy of the log. I told him we would make a copy and return his.

Huggins has renewed his lease on this block of acreage. He still hasn't reached a settlement with the Forest Service regarding the Service taking over this well as a water well.

Arizona file

Box 1107
Sedona, Arizona 86336
September 27, 1971

James R. Scurlock
Director, Geology Section
Oil & Gas Conservation Commission
State of Arizona
Phoenix, Arizona 85013

Dear Jim:

In reply to your letter of September 24:

As soon as I can get additional prints of the log on Cathedral #1 Federal, I will send a copy to you. In the meanwhile, here are the tops you requested:

Surface: 4435 MSL	0	Naco (lower supai)
	306'	Mississippian Redwall
	473'	Devonian Martin
	953'	Cambrian Tapeats
	1014'	Pre-Cambrian Red Granite
	1015'	T.D.

I trust this will suffice for your needs. I might add that we had 31 feet of very porous sand (full of fresh water) from 924' to 953' (base of the Devonian). Too bad it wasn't full of oil!

Best regards to all!!!

Yours truly,

Earl
Earl Huggins

551

RECEIVED

SEP 28 1971

O & G CONS. COMM.

May 28, 1971

Memo from John Bannister

Memo to Cathedral #1 Federal
SE/4 SW/4 Sec. 16-T17N-R5E
Yavapai County
Our File #551

I contacted Mr. Earl Huggins Thursday, May 17, 1971 at approximately 10:30 p.m. Mr. Huggins advised that the captioned well was a dry hole but was capable of producing fresh water; and, that the Forest Service desired to take the well over as a water well. According to Mr. Huggins, the well is cased to a depth of 860'. The top of the water level is at 650' with a static water level of 600'. Mr. Huggins reported that the top of the Tapeats was 957' and that the Tapeats had no permeability. The Tapeats ran from 957' to 1010' with granite coming in shortly below 1010'.

In discussing plugging procedures with Mr. Phil McGrath, U.S.G.S., Mr. McGrath indicated that he would prefer no cement be put into the well below the Tapeats; consequently, Mr. McGrath has authorized the well to be turned over to the Forest Service in an "as is" condition. I verbally authorized a compliance with Mr. McGrath's instructions insofar as the Oil and Gas Conservation Commission's plugging procedure is concerned. Mr. Huggins will release his rig as soon as possible; and the necessary completion forms will be filed.

May 20, 1971

Memo to Cathedral No. 1 Federal
SE/4 SW/4 Sec. 16-T17N-R5E
Yavapai County
Our File #551

Memo from W. E. Allen

Earl Huggins called this date requesting permission to plug the above well. At the time of our conversation he was still drilling at 942'. He expected to top the Tapeats at 950' and would continue on down to basement. However, the hole is filled with fresh water and he anticipates no further shows. The U.S. Forest Service will take over the well as a fresh water well. Huggins was instructed to put a cement plug from total depth to 915', weld a cap on the top of the casing, and turn the well over to the Forest Service. The fresh water came in from 902-906'.

May 20, 1971

Memo from W. E. Allen
Memo to Cathedral No. 1 Federal

Called Jim Perry, Forest Supervisor, U.S. Forest Service in Flagstaff for confirmation that the Forest Service would take over the above well for use as a water well and assume all further responsibility after Huggins places a cement plug from total depth to 915' and welds a cap on top of the casing. Mr. Perry assured me that the Forest Service was taking over this hole and ~~that~~ they would sign the required form, Form 26, and return them to this office. Forms were mailed this date.

14

April 23, 1971

Memo from W. E. Allen

Memo to Cathedral #1 Federal
SE/4 SW/4 Section 16-T17N-R5E
Yavapai County
Our File #551

Total depth 665' in the Devonian. Mr. Huggins said that they had encountered a lost circulation zone at 635'. They had drilled on down to 665' without returns. Shut down operations and moved out the rotary rig and were preparing to move in cable tools. Cable tools should be moved in by 4-26-71.

Tops:

Mississippian
Devonian

360'
374'

← Doubtful

WELL SITE CHECK

Contractor Daryl Drig. Co. Person(s) Contacted Mr. HOFFMAN & Mr Taylor - the driller By WBC Date 4-15-71

Spud date 4-12-71 Type Rig Rotary Present Operations Drig. @ 250'

Samples 10' Pipe 3" Alum. 8 7/8" @ 20' Drilling with Air Size Hole 8"

Water Zones _____ Size Drill Pipe 3" ALUMINUM

Lost Circ. Zones zone loss below 235' Type Bit Flat bottom w/ Tung. Carb. inserts

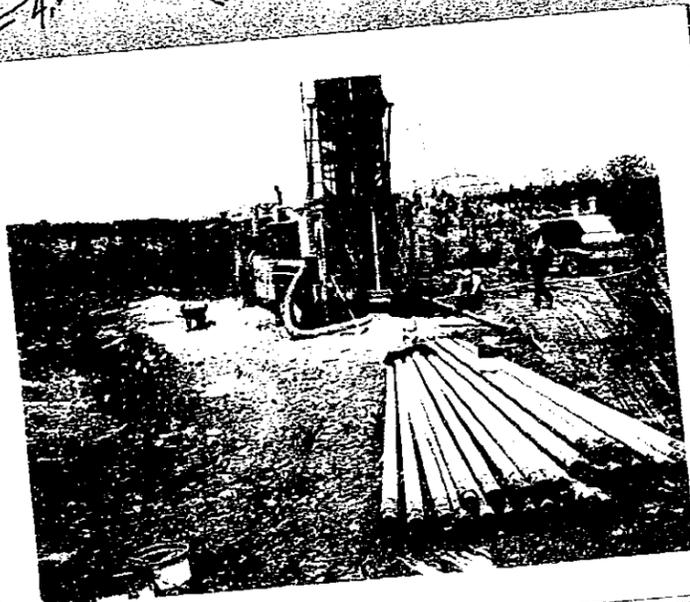
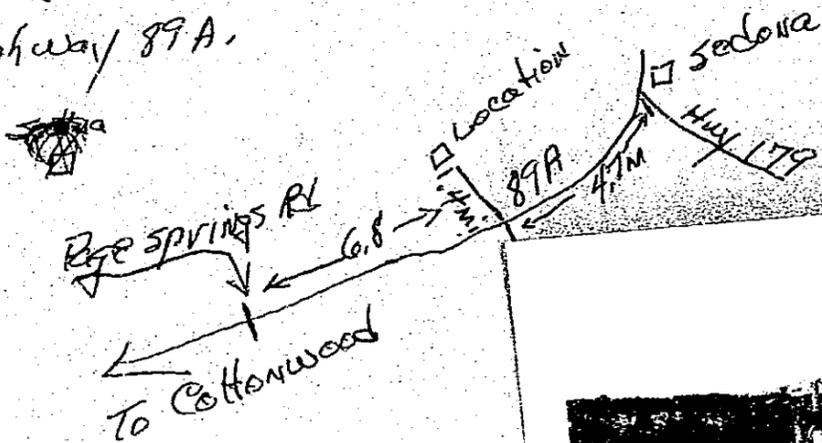
Formation Tops Miss. 235- No. Bit 1 Drilling Rate 3-4 mts. per ft.

Cores, Logs, DST _____ Formation A

Crews 1 - 8 hrs. Lithology _____

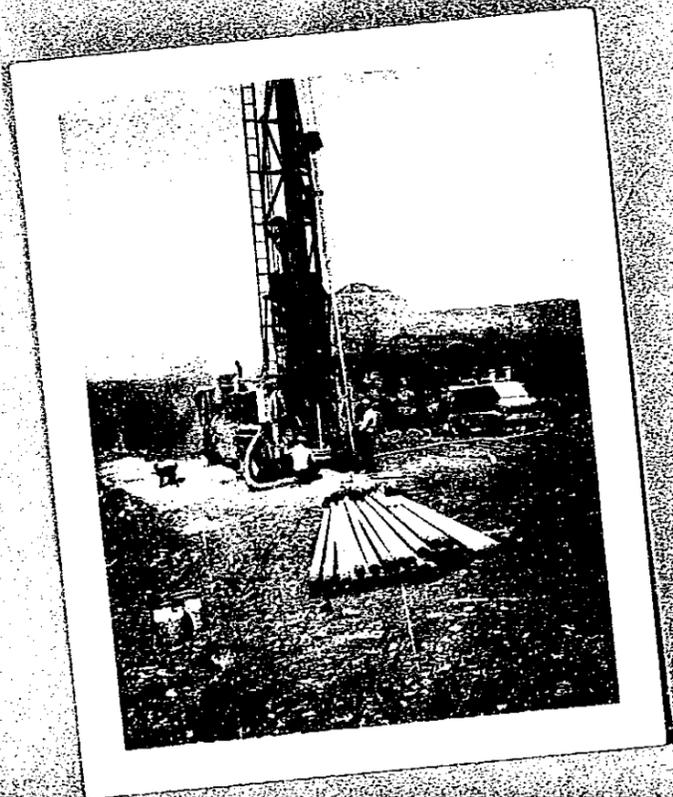
REMARKS, PHOTO, MAP

Location is 5.1 miles west of Sedona just off of Highway 89A.



WELL NAME Cathedral Fed. No.

Permit No. 551
Confidential: Yes No



16

April 13, 1971

Memo from W. E. Allen

Memo to: Cathedral No. 1 Federal
SE/4 SW/4 Sec. 16-T17N-R5E
Yavapai County
Our File #551

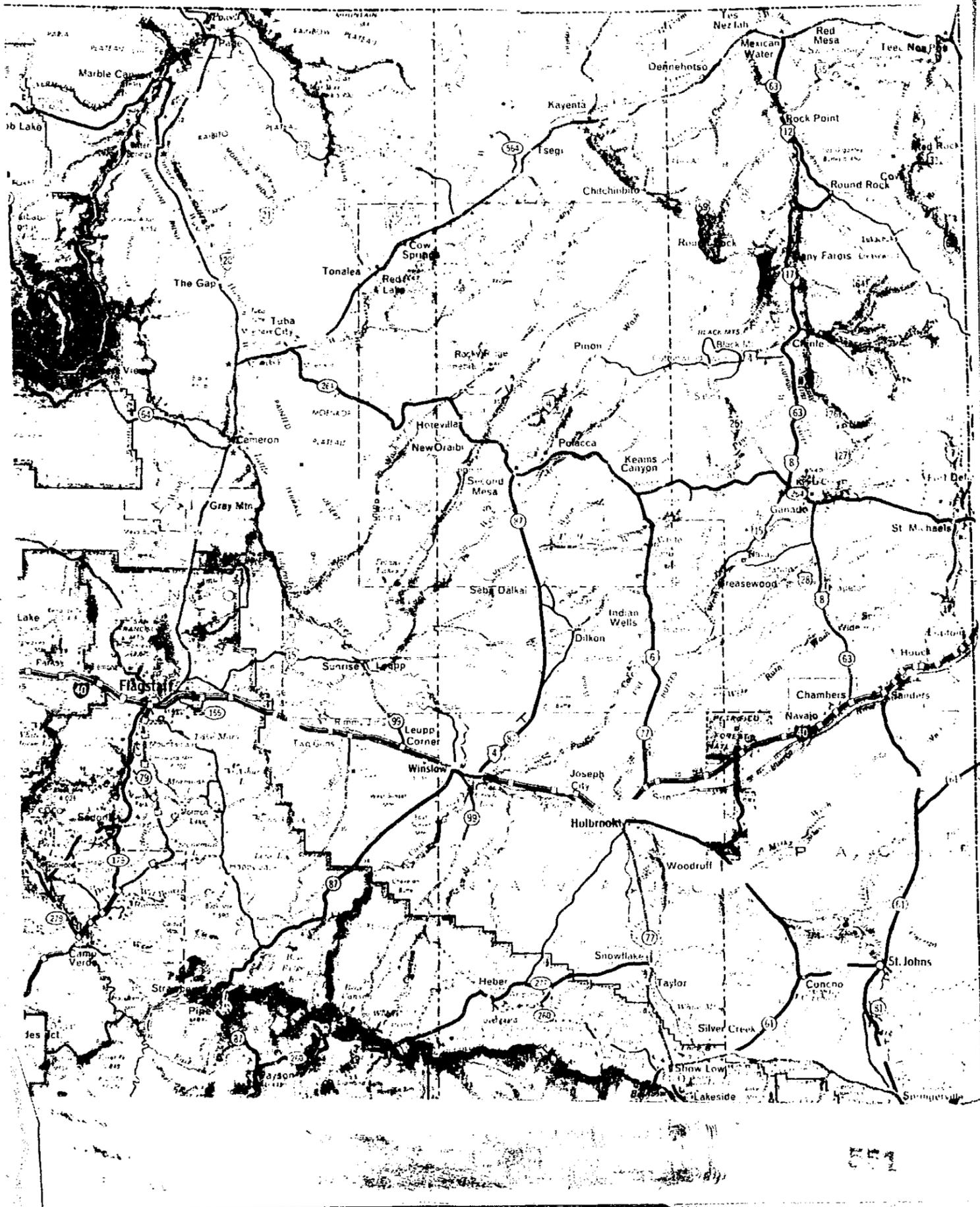
Earl Huggins called to say that they would spud their
Cathedral No. 1 Federal well at 8 a.m. April 14, 1971.

551
012

Cathedral Fed #1 (551)

Take 89A From Sedona towards Cottonwood -
Turn Right 4.7 miles From Sedona. Location is
.4 mile from highway.

Location



APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

Cathedral No.1 Federal
NAME OF COMPANY OR OPERATOR

P.O. Box 1107 Sedona, Arizona 86336
Address City State

Daryl Drilling Co. & Childress Drilling
Drilling Contractor
Flagstaff, Arizona Wilcox, Arizona
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor A2693-A	Well number Cathedral No.1 Fed 4430	Elevation (ground)
Nearest distance from proposed location to property or lease line: 330 feet	Distance from proposed location to nearest drilling, completed or applied for well on the same lease: no other well feet	
Number of acres in lease: 100	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1	

If lease, purchased with one or more wells drilled, from whom purchased:

Well location (give footage from section lines) 1980 FWL 1190 FSL	Section—township—range or block and survey Sec. 16 T.17N. R.5E.G&SR	Dedication (Comply with Rule 105) 100 acres
-----------------------------------------------------------------------------	-----------------------------------------------------------------------------------	-------------------------------------------------------

Field and reservoir (if wildcat, so state) wildcat	County Yavapai
--------------------------------------------------------------	--------------------------

Distance, in miles, and direction from nearest town or post office
3 miles to West Sedona Post Office

Proposed depth: 1,000 ft.	Rotary or cable tools both	Approx. date work will start April 15, 1971
-------------------------------------	--------------------------------------	-------------------------------------------------------

Bond Status Amount \$5,000.00	Organization Report On file <input type="checkbox"/> Or attached <input checked="" type="checkbox"/>	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 **General Partner & fact** Atty. in of the **Cathedral No.1 Federal** (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.

RECEIVED

APR 06 1971

O & G CONS. COMM.

Earl Higgins
Signature **Earl Higgins**

Date **April 3, 1971**

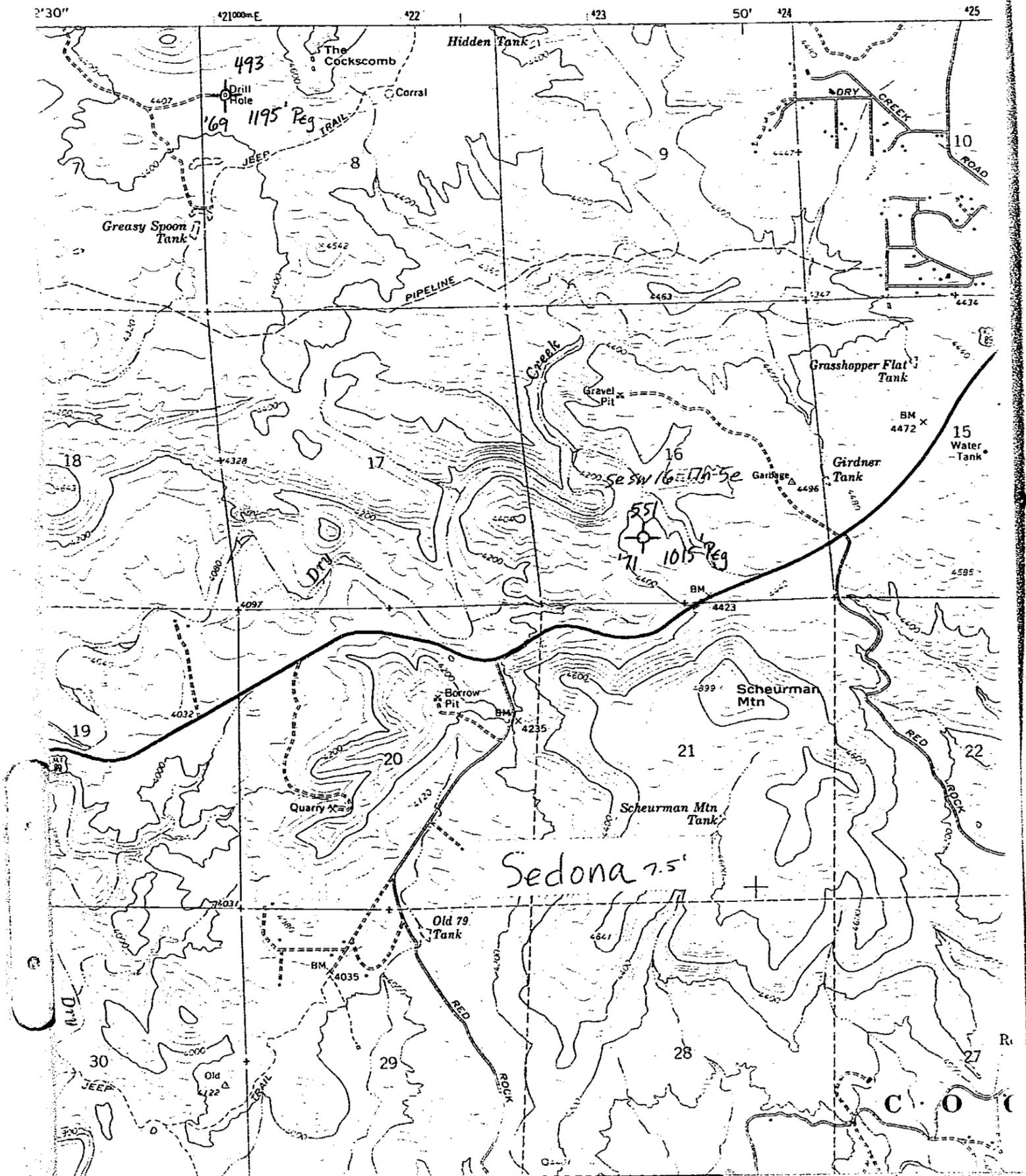
Permit Number: **551**
Approval Date: **4-8-71**
Approved By: *[Signature]*

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

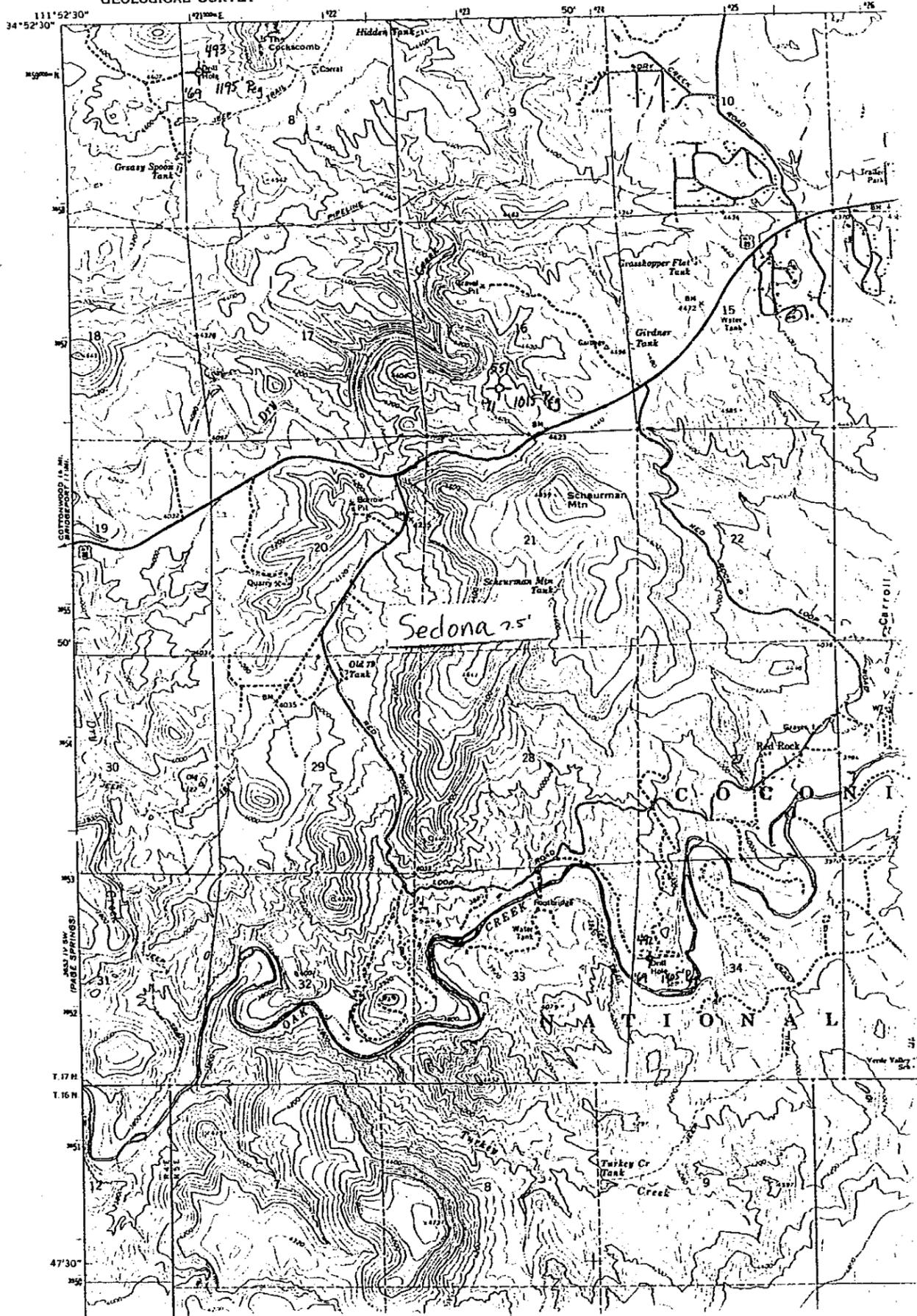
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY





PERMIT TO DRILL

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

To: CATHEDRAL NO. 1 FEDERAL
(OPERATOR)

to drill a well to be known as

CATHEDRAL No. 1 FEDERAL
(WELL NAME)

located 1980' FWL - 1190' FSL

Section 16 Township 17N Range 5E, YAVAPAI County, Arizona.

The S/2 SW/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 8th day of APRIL, 19 71.

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

OIL AND GAS CONSERVATION COMMISSION

By John Bannister
EXECUTIVE SECRETARY

PERMIT N^o 551

RECEIPT NO. 2885
API NO. 02-025-20012

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED

PERFORMANCE BOND
KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 60-0120-803-71

That we: CATHEDRAL NO. 1 FEDERAL
of the County of COCONINO in the State of ARIZONA
as principal, and UNITED STATES FIDELITY AND GUARANTY COMPANY
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 - - - - - 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: The $\frac{3}{2}$ of the $\frac{SW}{4}$ and the $\frac{S}{2}$ of the $\frac{S}{2}$ of the $\frac{N}{2}$ of the $\frac{SW}{4}$ all in Sec. 16 T17N R5E, G&SRB&M, Yavapai 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 30th day of March, 19 71

CATHEDRAL NO. 1 FEDERAL

by Earl Higgins, Atty. in Fact
Principal

WITNESS our hands and seals this 30 day of March, 19 71

UNITED STATES FIDELITY AND GUARANTY COMPANY

x William C. Schaefer

Surety William C. Schaefer, Attorney-in-fact

Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(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: <u>4-8-71</u>
STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
By: <u>W.C. Schaefer</u>

Permit No. A2693

551



DATE 3-5-73

RECEIVED

APR 06 1971

O & G CONS. COMM.

(CERTIFIED COPY)

GENERAL POWER OF ATTORNEY

No. 79340

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint

William C. Schaefer

of the City of Phoenix, State of Arizona, its true and lawful attorney in and for the State of Arizona

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said

William C. Schaefer

may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its Vice-President and Assistant Secretary, this 19th day of July, A. D. 1968

UNITED STATES FIDELITY AND GUARANTY COMPANY.

(Signed) By: Karl H. Doerre, Vice-President.

(SEAL) (Signed) Richard D. Reinhardt, Assistant Secretary.

CANCELLED 3-5-73

STATE OF MARYLAND, BALTIMORE CITY, } ss:

On this 19th day of July, A. D. 1968, before me personally came Karl H. Doerre, Vice-President of the UNITED STATES FIDELITY AND GUARANTY COMPANY and Richard D. Reinhardt, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; that they, the said Karl H. Doerre and Richard D. Reinhardt were respectively the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company. My commission expires the first day in July, A. D. 1969.

(SEAL) (Signed) Louis Rohd, Notary Public.

STATE OF MARYLAND BALTIMORE CITY, } Sc.

I, Robert H. Bouse, Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that Louis Rohd, Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this 19th day of July, A. D. 1968

(SEAL) (Signed) Robert H. Bouse, Clerk of the Superior Court of Baltimore City.

COPY OF RESOLUTION

That Whereas, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

Therefore, be it Resolved, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed, and

Also, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

I, **Mark F. Boyer**, an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to

William C. Schaefer

of **Phoenix, Arizona**, authorizing and empowering **him** to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

In Testimony Whereof, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on

(Date) 3/30/71

Mark F. Boyer

Assistant Secretary

March 5, 1973

United States Fidelity and Guaranty
3605 North 7th Avenue
Phoenix, Arizona 85013

Re: Cathedral No. 1 Federal Bond No. 60-0120-803-71

Gentlemen:

Mr. Earl Huggins has requested that the Oil and Gas Conservation Commission of the State of Arizona, release Bond No. 60-0120-803-71.

Mr. Huggins 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. Earl Huggins

Box 1107
Sedona, Ariz. 86336
March 2, 1973

Mr. Bill Allen
Arizona Oil & Gas Conservation Commission
4515 N. 7th Ave.
Phoenix, Arizona 85013

RE: Permit #551
Cathedral #1 Federal

Dear Bill:

As per your request, I am enclosing the final reports incidental to the plugging of the above referred well which you witnessed on March 1, 1973.

I request that your office release the bond on this permit at your earliest convenience.

Thanks again for your fine cooperation during the course of this project, and please extend my thanks to Mr. Bannister, also. The cement was still too wet when I left to place the non-required inscription.

Yours very truly,

CATHEDRAL #1 FEDERAL

Earl Huggins
Earl Huggins, Gen. Partner
and Atty. in Fact

RECEIVED

MAR 05 1973

O & G CONS. COMM.

8-28-72

Bill:

Please make copy of
enclosed log &
return original to me.

Thanks

Eare Heggins

Box 1107

Sidona, AZ. 86336

See log Envelope

RECEIVED

AUG 30 1972

O & G CONS. COMM.

Mr Bill - W

RECEIVED

FEB 28 1972

I think the enclosed
copies will suffice to
bring you up to date.
Have recently talked to
Ranger Redding &
asked him to find
out what's cooking -
no word since.

Will be in touch when
I find out something.

Best regards
Earl

February 2, 1972

Mr. Earl Huggins
P. O. Box 790
Sedona, Arizona 86336

Re: Cathedral No. 1 Federal
SE/SW Section 16-T17N-R5E
Yavapai County
Our File #551

Dear Mr. Huggins:

Our last word from you concerning the above referenced well was on November 8, 1971. Would you please bring us up-to-date on the above referenced well.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Box 1107
Sedona, Arizona 86336
January 12, 1978

United States Department of Interior
Geological Survey
P.O. Box 959
Farmington, N.M. 87401
ATT: Phil McGrath

RE: Cathedral No.1 Federal

Dear Mr. McGrath:

Enclosed you will find the requested copies of "Well Completion Report and Log".

In addition, you will find a copy of a recent letter to Mr. Lee Redding, the Sedona District Ranger, which outlines the proposed final disposition of the well known as Cathedral No1 Federal.

Since the time of giving Mr. Redding this letter, I have heard nothing from the Forest Service, and assume that they are working with your office to bring about a finalization of this program.

If there is anything else you require from me, please let me know. Thanks very much.

Also, I remind you that the Phoenix office of BLM was sent a copy of the well log (sample) and a copy of the well report. They were to forward this to your office as part of the permanent record of this well.

Yours very truly,

Earl Huggins

RECEIVED

P.O. Box 1107
Sedona, Arizona 86336
December 18, 1971

FEB 28 1972

D & C CONS. CORP.

Lee Redding, District Ranger
Sedona District
United States Department of Agriculture
Forest Service
Sedona, Arizona 86336

RE: Cathedral No.1 Federal
FS Permit #2820

Dear Mr. Redding:

In accordance with our conversation, please be hereby notified that, as General Partner and Attorney in Fact of that Limited Partnership known as "Cathedral No.1 Federal", I have been authorized to accept your offer as follows concerning the transfer of all interest in the test well drilled under the above referenced Special Use Permit:

1. Under the terms of the Mineral Lands & Leasing Act, Chapter 557, Section 40, the Department of Interior is authorized to purchase the casing in the well from us, and thereby assumes ownership and control of said well. Wherein the cost of said casing, delivered to the site amounted to \$1,763.00, and wherein our previous dealings have indicated that the Forest Service would be the payee and final recipient of title to said well, and wherein it has been established that the Forest Service is unable to provide the full amount due the Limited Partnership for said casing, the Limited Partnership hereby agrees to sell and assign full title and interest to said well to the Department of Interior/and/or/Forest Service for the net amount of \$750.00 (Seven Hundred Fifty Dollars) provided:
2. It is understood that all terms and conditions of the Special Use Permit have been satisfied and that no further demands shall be made upon the Limited Partnership;
3. That the Forest Service expedite the finalization of all matters relating to the finalization of releases and payment to the Limited Partnership as above described, in such manner that the Limited Partnership may close out this venture as of fiscal year 1971, which ends December 31, 1971.

Yours very truly,

CATHEDRAL NO.1 FEDERAL
Earl Huggins, General Partner &
Atty. in Fact

551

551

Box 1107
Sedona, Arizona 86336
January 12, 1978

United States Department of Interior
Geological Survey
P.O. Box 959
Farmington, N.M. 87401
ATT: Phil McGrath

RE: Cathedral No.1 Federal

Dear Mr. McGrath:

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Also, I remind you that the Phoenix office of BLM was sent a copy of the well log (sample) and a copy of the well report. They were to forward this to your office as part of the permanent record of this well.

Yours very truly,

Earl Huggins

RECEIVED

P.O. Box 1107
Sedona, Arizona 86336
December 18, 1971

FEB 28 1972

D & CONS. OFF.

Lee Redding, District Ranger
Sedona District
United States Department of Agriculture
Forest Service
Sedona, Arizona 86336

RE: Cathedral No.1 Federal
FS Permit #2820

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1. Under the terms of the Mineral Lands & Leasing Act, Chapter 537, Section 40, the Department of Interior is authorized to purchase the casing in the well from us, and thereby assumes ownership and control of said well. Wherein the cost of said casing, delivered to the site amounted to \$1,763.00, and wherein our previous dealings have indicated that the Forest Service would be the payee and final recipient of title to said well, and wherein it has been established that the Forest Service is unable to provide the full amount due the Limited Partnership for said casing, the Limited Partnership hereby agrees to sell and assign full title and interest to said well to the Department of Interior/and/or/Forest Service for the net amount of \$750.00 (Seven Hundred Fifty Dollars) provided:
2. It is understood that all terms and conditions of the Special Use Permit have been satisfied and that no further demands shall be made upon the Limited Partnership;
3. That the Forest Service expedite the finalization of all matters relating to the finalization of releases and payment to the Limited Partnership as above described, in such manner that the Limited Partnership may close out this venture as of fiscal year 1971, which ends December 31, 1971.

Yours very truly,

CATHEDRAL NO.1 FEDERAL
Earl Huggins, General Partner &
Atty. in Fact

551

551

W.F.
B

Coconino National Forest
P. O. Box 1268
Flagstaff, Arizona 86001

2820

November 19, 1971

Mr. Earl Huggins
P. O. Box 790
Sedona, Arizona 86336

Dear Mr. Huggins:

Ranger Redding reports that you feel there is still some alternatives we should explore which could result in our assuming Cathedral No. 1 well in a cased condition for operation by the Government for stock watering. We can agree to an extension of time before closing the well so these possibilities can be explored.

We do feel, however, that we should reach some agreement by December 31, 1971. We are notifying the U.S. Geological Survey and the Bureau of Land Management that we would like to delay the closing of the well until that date.

Please contact Ranger Redding or this office at your earliest convenience.

Sincerely,

William L. Holmes

for
DON D. SEAMAN
Forest Supervisor

cc: Oil & Gas Commission
Phil McGrath, U.S.G.S.
Hall F. Susie, BLM
RO
D-6

RECEIVED
DEC 01 1971
O & G CONS. COMM.

Permit 551

551

November 8, 1971

Memo from John Bannister

Memo to Cathedral #1 Federal
SE/SW Sec-16-T17N-R5E
Yavapai County
Our File #551

Earl Huggins telephoned this date at 9 a.m. to advise that Coconino County National Forest had advised him by letter dated November 4, 1971 that they would not take over this well. Mr. Huggins indicated that he did not plug this well in as much as it was capable of becoming a good water well. He requested that we not force him to plug the well at this time but allow him to pursue the possibility of his taking over the water well and do something with it. I told Mr. Huggins that this Commission would give him every opportunity to save this water reservoir.

WSP
Coconino National Forest
P. O. Box 1268
Flagstaff, Arizona 86001

2820

November 4, 1971

Mr. Earl Huggins
P. O. Box 790
Sedona, Arizona 86336

Dear Mr. Huggins:

Ranger Redding indicates he has discussed the possibilities of the Forest Service assuming Cathedral No. 1 Well in a cased condition for operation by the Government for stock watering. We are sorry we do not have funds to arrive at a solution to this situation. We, therefore, are asking you to close out the well in accordance with the stipulations of your lease. We are notifying the U. S. Geological Survey and the Bureau of Land Management of this decision on our part. We also are sending a copy of this letter to the State Oil and Gas Conservation Commission.

If you have any further questions please call Ranger Redding or this office.

Sincerely,

William L. Holmes

BY DON D. SEAMAN
Forest Supervisor

cc: Oil & Gas Commission
Phil McGrath, U.S.G.S.
Hall F. Susie, BLM
BQ
B-6

551
RECEIVED

NOV 08 1971

O & G CONS. COMM.

WA
FILE

Box 1107
Sedona, Arizona 86336
September 27, 1971

James R. Scurlock
Director, Geology Section
Oil & Gas Conservation Commission
State of Arizona
Phoenix, Arizona 85013

Dear Jim:

In reply to your letter of September 24:

As soon as I can get additional prints of the log on Cathedral #1 Federal, I will send a copy to you. In the meanwhile, here are the tops you requested:

Surface: 4435 MSL	0	Naco (lower supai)
	306'	Mississippian Redwall
	473'	Devonian Martin
	953'	Cambrian Tapeats
	1014'	Pre-Cambrian Red Granite
	1015'	T.D.

I trust this will suffice for your needs. I might add that we had 31 feet of very porous sand (full of fresh water) from 924' to 953' (base of the Devonian). Too bad it wasn't full of oil!

Best regards to all!!!

Yours truly,

Earl
Earl Huggins

RECEIVED
SEP 28 1971
O & G CONS. COMM.

551

551

September 24, 1971

#53/
Earl Huggins
Cathedral No. 1
Box 1107
Sedona, Arizona 86336

Dear Earl:

Wonder if you would be so kind as to supply us with tops on
your Cathedral well. We would like very much to have this
data for our forthcoming publication, which will list the
prospect scout data for the wildcat wells in Arizona, and of
course we would be pleased to include the information on your
stratigraphic well.

I am pleased to report that we are all well, and that we have
become accustomed and have adjusted to the toxic fumes of our
Valley atmosphere, but seem to be thriving none the less. We
have come through the summer well and now look forward to a
glorious autumn, in the Valley of the glorious sun.

Warmest regards to Flo. Drop by to see us when you are in
town, (and don't forget to bring your gas mask). Hurry up and
put together another wildcat drill for the Sedona area, and
take care of yourself.

Kindest regards,

JAMES R. SCURLOCK
Director, Geology Section

JRS:lb

P. S. Just between us Girls, can you give us a top of the
Pre-Cambrian, or for that matter, any top on the
Cope well?

Box 1107
Sedona, Arizona 86336
August 30, 1971

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

ATT: Mr. W.E. Allen, Director

RE: Cathedral No. 1 Federal
File No. 551

Dear Mr. Allen:

In reply to your letter of August 26 concerning the status of the above referenced well, and the request for submittal of Form 4:

You will recall that I notified your office in June of this year concerning my request to BLM as per the requirements of the Mineral Lands Leasing Act of 1920 as amended June 16, 1934 by the 73rd Congress, Chapter 557, Section 40.

Wherein I had initially offered this well to the Forest Service on the basis of tentative approvals, the discovery of this law has necessitated the request as set forth in the copy of my letter to BLM which is enclosed, along with a copy of the law itself.

It would appear to me that the practice of turning wells over to the Forest Service without consideration of the terms of the law described is likely illegal; and that this situation should be clarified at this time. Unfortunately, I have been unable to get any response from BLM since my last correspondence, and as stated in the letter to them, am most anxious to determine what it is that they wish to do in order that I may complete the processing of this program.

Perhaps a letter from you to them, requesting that a decision be forthcoming, would be in order. Meanwhile, I can do little but wait and as soon as I have word from them I will proceed in accordance with all applicable requirements.

My best regards to all the "gang"!

Yours very truly,

Earl Huggins
Earl Huggins

RECEIVED

AUG 31 1971

O & G CONS. COMM.

73d CONGRESS, SESS. II. CHS. 557, 558. JUNE 16, 1934.

977

[CHAPTER 557.]

AN ACT

To amend the Mineral Lands Leasing Act of 1920 with reference to oil- or gas-prospecting permits and leases.

June 16, 1934.
[S. 3723.]
[Public. No. 372.]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Act entitled "An Act to promote the mining of coal, phosphate, oil, oil shale, gas, and sodium on the public domain", approved February 25, 1920, as amended, is amended by adding the following new section:

Mineral Lands Leasing Act of 1920, amended.
Vol. 41, p. 451.

"Sec. 40. (a) All prospecting permits and leases for oil or gas made or issued under the provisions of this Act shall be subject to the condition that in case the permittee or lessee strikes water while drilling instead of oil or gas, the Secretary of the Interior may, when such water is of such quality and quantity as to be valuable and usable at a reasonable cost for agricultural, domestic, or other purposes, purchase the casing in the well at the reasonable value thereof to be fixed under rules and regulations to be prescribed by the Secretary: *Provided*, That the land on which such well is situated shall be reserved as a water hole under section 10 of the Act of December 29, 1916.

Purchase of casing in wells when water suitable for agriculture, etc., is struck.

"(b) In cases where water wells producing such water have heretofore been or may hereafter be drilled upon lands embraced in any prospecting permit or lease heretofore issued under the Act of February 25, 1920, as amended, the Secretary may in like manner purchase the casing in such wells.

Proviso.
Water holes.
Vol. 39, pp. 555, 518.

"(c) The Secretary may make such purchase and may lease or operate such wells for the purpose of producing water and of using the same on the public lands or of disposing of such water for beneficial use on other lands, and where such wells have heretofore been plugged or abandoned or where such wells have been drilled prior to the issuance of any permit or lease by persons not in privity with the permittee or lessee, the Secretary may develop the same for the purposes of this section: *Provided*, That owners or occupants of lands adjacent to those upon which such water wells may be developed shall have a preference right to make beneficial use of such water.

Purchase of water wells upon lands embraced in any prospecting permit.

Opening and operating plugged or abandoned wells.

Proviso.
Preferential rights of vicinity.

"(d) The Secretary may use so much of any funds available for the plugging of wells, as he may find necessary to start the program provided for by this section, and thereafter he may use the proceeds from the sale or other disposition of such water as a revolving fund for the continuation of such program, and such proceeds are hereby appropriated for such purpose.

Use of available sums to initiate program and proceeds from sales as revolving fund.

"(e) Nothing in this section shall be construed to restrict operations under any oil or gas lease or permit under any other provision of this Act."

No restriction unless stipulated.

Approved, June 16, 1934.

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[CHAPTER 558.]

JOINT RESOLUTION

Authorizing suitable memorials in honor of James Wilson and Seaman A. Knapp.

AUG 31 1971

June 16, 1934.
[S. J. Res. 100.]
O & G (CON. RES. COMM.)

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the archway connecting the new building of the Department of Agriculture (commonly known as the "South Building") with the west wing of the main building of the Department of Agriculture shall be designated the "Wilson Memorial Arch" in memory of James

Department of Agriculture.
Memorial archways authorized.
"Wilson Memorial Arch."

August 26, 1971

Mr. Earl Huggins
Cathedral No. 1 Federal
P. O. Box 1107
Sedona, Arizona 86336

Re: Cathedral No. 1 Federal
SE/4 SW/4 Sec. 16-T17N-R5E
Yavapai County
Our File #551

Dear Mr. Huggins:

In order to complete our file on the above referenced well,
we need the Well Completion Report, Form 4.

We understand that this well is to be taken over by the
Forest Service as a water well and we have a letter on
file from Mr. Don Seaman, supervisor, agreeing to assume
any further responsibility on this well. May we have this
completed report at your earliest convenience.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

P.O. Box 1107
Sedona, Arizona 86336
July 2, 1971

Mr. Hal F. Susie, Chief, Branch of Minerals
Department of Interior
Bureau of Land Management
3022 Federal Bldg.
Phoenix, Arizona 85025

Dear Mr. Susie:

This letter will serve to confirm our previous conversations concerning the results of the drilling program recently completed on O&G Lease A 2693-A, wherein the drilling for an oil and gas test resulted in the discovery of an extremely prolific water bearing strata. No oil or gas was encountered.

I have filed with the USGS and the Arizona Oil & Gas Conservation Commission the required forms for plugging and abandonment as per their instructions and in accordance with the applicable regulations. During the course of preparing and submitting these forms, I ran across information which has a direct effect on this entire situation of the well, and how it should be processed from this point. The information I refer to may be found in the Mineral Lands Leasing Act of 1920 as amended June 16, 1934 by the 73rd Congress, Chapter 557, Section 40.

Wherein the circumstances under which this well, the Cathedral No.1 Federal, was drilled for the purpose of an oil and gas test, and wherein a good potential domestic water supply was encountered, it would appear that the provisions of this Act are directly pertinent to the present situation.

I hereby request that the Department of Interior determine, at the earliest possible date, if they want to accept title to the well under the terms of Section 40 (a), which will require the purchase of the casing.

In addition, I would be interested in investigating the terms and conditions involving the leasing of this well subsequent to the foregoing, and make whatever determinations are necessary to evaluate the feasibility of developing the well and disposing of the water for good and useful purposes.

I am enclosing a copy of the well log, which shows all pertinent data including casing sizes and depths, formations encountered and water entry zones. In addition, I am enclosing a copy of the water analysis report.

It is of primary importance that the legal and organizational arrangements set up for the purpose of drilling the Oil & Gas test be finalized and that venture closed out. This cannot be accomplished until a determination is made concerning the circumstances outlined in Section 40. An early reply and instruction from your office will be most appreciated.

Yours very truly,

CATHEDRAL NO.1 FEDERAL

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AUG 31 1971

O & G CONS. COMM.

Earl Huggins, Gen. Partner & Atty. in Fact

551

WA
#551

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Coconino National Forest
P. O. Box 1268
Flagstaff, Arizona 86001

2820

June 4, 1971



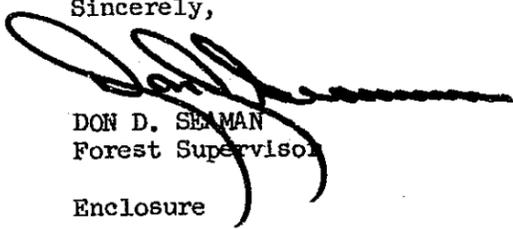
Oil & Gas Conservation Commission
State of Arizona
1624 West Adams, Room 202
Phoenix, Arizona 85007

Gentlemen:

Enclosed is a form advising you of our acceptance of the abandoned wildcat well known as the Cathedral No. 1 Federal which was drilled under your permit number 551. We accept the responsibility of the proper maintenance needs of this well. We assume, however, that the term "final plugging" does not refer to the plugging required of the driller to prevent inter-movement between strata in the well.

We were of the opinion the driller of this well would plug it off at about 950 feet and the well would be cased to about 905 feet. If this is all the plugging required at this time, then our signature to the attached form is acceptable. Thank you.

Sincerely,


DON D. SEAMAN
Forest Supervisor

Enclosure

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JUN 7 1971

O & G CONS. COMM.

551

WA

P.O. Box 1107
Sedona, Arizona 86336
April 12, 1971

Oil & Gas Conservation Commission
State of Arizona
4515 N. 7th Ave.
Phoenix, Arizona 85013

RE: Permit to Drill
#551

ATT: Mr. W.E. Allen

Dear Sir:

Thank you for your prompt attention to the matter of the drilling permit, which has been received.

In accordance with your instruction, I am herewith requesting that the test well to be drilled, "Cathedral No.1 Federal", be placed in "tight hole status" until further notice.

Thank you very much.

Yours truly,

Earl Huggins
Earl Huggins

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APR 13 1971

O & G CONS. COMM.

551

April 8, 1971

Mr. Earl Huggins
Cathedral No. 1 Federal
P. O. Box 1107
Sedona, Arizona 86336

Re: Cathedral No. 1 Federal
SE/4 SW/4 Sec. 16-T17N-R5E
Yavapai County
Our File #551

Dear Mr. Huggins:

Enclosed please find Receipt No. 2885 covering the \$25 filing fee,
Permit To Drill No. 551, and copies of your approved Application for
Permit to Drill and the approved bond.

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

Very truly yours,

W. E. Allen, Director
Enforcement Section

jd
Enc.