

BEDROCK OIL 1 STATE
SE SE 4-21S-23E COCHISE COUNTY

833

COUNTY COCHISE AREA 8mi.S.Tombstone LEASE NO. State 51709

WELL NAME BEDROCK OIL COMPANY 1 STATE

LOCATION SE SE SEC 4 TWP 21S RANGE 23E FOOTAGE 658 FROM SOUTH & EAST LINES
 ELEV 4578* GR 4581* KB SPUD DATE 10-22-82 STATUS PA 11-9-82 TOTAL DEPTH 2932
 COMP. DATE _____

CONTRACTOR Joe I. Salazar Drilling Inc., P.O. Box 916, Grants, NM 87020

CASING SIZE _____ DEPTH _____ CEMENT _____ LINER SIZE & DEPTH _____
 DRILLED BY ROTARY _____
 DRILLED BY CABLE TOOL _____
 PRODUCTIVE RESERVOIR _____
 INITIAL PRODUCTION _____

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Mississippi</u>	<u>1860/1870*</u>			<u>As per letter of Nov. 15, 1982</u>
<u>Devonian</u>	<u>2710'</u>			<u>"</u>

ELECTRIC LOGS <u>Lithologic</u>	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG SAMPLE DESCRP. SAMPLE NO. <u>1844</u> CORE ANALYSIS DSTs

REMARKS * Per. Lithologic log

APP. TO PLUG _____
 PLUGGING REP. _____
 COMP. REPORT _____

WATER WELL ACCEPTED BY _____

BOND CO. The Aetna Casualty & Surety Co. BOND NO. 40S40211:BCA
 DATE 9-10-82
 BOND AMT. \$ 5,000 CANCELLED 11-28-83 ORGANIZATION REPORT x
 FILING RECEIPT 2327 LOC. PLAT x WELL BOOK x PLAT BOOK x
 API NO. 02-003-20006 DATE ISSUED 9-29-82 DEDICATION E/2 SE/4

PERMIT NUMBER 833

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: **Bedrock Oil Co.** Address: **2705 Swiss Ave, Dallas, TX 75204**

Federal, State or Indian Lease Number or name of lessor if fee lease: **State 51709** Well Number: **1** Field & Reservoir: **Wildcat**

Location: **658 fsl, 658 fwl SE/4 SE/4** County: **Cochise**

Sec. TWP-Range or Block & Survey: **4-21S-23E**

Date spudded: **10-22-82** Date total depth reached: **P&A 11-9-82** Date completed, ready to produce: **NA** Elevation (DT, RT, RT or Gr.): **4992** Elevation of casing hd. range: **feet**

Total depth: **2932'** P.B.T.D.: **NA** Single, dual or triple completion?: **NA** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: **NA** Rotary tools used (interval): **0-2932** Cable tools used (interval): **-**

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

Type of electrical or other logs run (check logs filed with the commission): **Litholog** Date filed: **11-17-82**

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	12 1/2	8 5/8	29	151	75 (2%CaCl ₂)	None

TUBING RECORD

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

LINER 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	Am't. & kind of material used	Depth Interval

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

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

INITIAL PRODUCTION

Date of first production: _____ Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): _____

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
			bbbl.	MCF	bbbl.	* API (Corr)

Tubing pressure	Casing pressure	Cal'ed 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 the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: _____ Signature: _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File One Copy

Permit No: **833** Form No. 4

DETAIL OF FORMATIONS PENETRATED

Formation	Top Ft.	Bottom	Description*
Mississippian Devonian	1860+ 2710		See Litholog on file " " " "

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

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

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

BEDROCK OIL CO
well at state (833)

10-26-82

10-23-82 Departed Phx @ 2:30 pm

Arrived @ well site @ 6:20 pm

Was advised that casing would not be cem. until
sometime Sunday nite - left for Bisbee &
checked in at the San Jose Lodge

10-24-82 Left for drill site @ 8:00 am

Arrived @ well @ 8:25 am & the driller
reported:

- T.D. 120' ±
- were drilling on something real "hard" (called it
a hard sh) - this had not been expected & had
been told by Witter that it would but a small
int. & then they would be back in known fms
- told them I was headed for Douglas & Safford
for surf. insp's & that would be back early
evening - departed 10:30 am

Arrived @ Ranch & a rancher told me
that the rains had made it impossible to restore
mud pit. - I didn't bother driving to well site
after this info - departed for Safford

BEDROCK OIL CO. 1 STATE

833

SE SE 4-21S23E COCHISE CO.

658' FS&EL

Elev. 4992'

Spud date

plugged 10/9/82 2600'-2800'

Proposed depth 3750'

50' in & out of surface, 40' top surface

Drilled into a cavern at 2880'

API No. 02-003-30006

RECEIVED

11/17/1982 PLUGGING RECORD

Operator Bedrock Oil Co. O & G CONS. COMM.		Address 2705 Swiss Ave, Dallas, Tx 75204	
Federal, State, or Indian Lease Number, or lessor's name if fee lease State 51709		Well No. 1	Field & Reservoir Wildcat
Location of Well SE$\frac{1}{4}$SE$\frac{1}{4}$ Section 4, Twn. 21S-Rnge 23E, Cochise County			Sec-Twp-Rge or Block & Survey Cochise
Application to drill this well was filed in name of Bedrock Oil Co.	Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) None Gas (MCF/day) None Dry? Yes	
Date plugged: Nov. 9, 1982	Total depth 2921	Amount well producing when plugged: Oil (bbls/day) None Gas (MCF/day) None Water (bbls/day) None	
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
None	None	None	2400' to 2800'
(No salt water found - fresh water in cavern at 2900'			4 yards spotted.
only)			200' to surface
			1 yard spotted.
			Pressured after 12 hrs.
CASING RECORD			
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)
8-5/8ths	151.47	none	151.47
29# - 8 rd thrd			
Give depth and method of parting casing (shot, ripped, etc.)			Packers and shoes
None			(Shoe on surface casing only -- no packers used)
Was well filled with mud-laden fluid, according to regulations? yes		Indicate deepest formation containing fresh water. No water	
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE			
Name	Address	Direction from this well:	
State of Arizona owns			
Surface -----			
Phillips Oil Co	Denver, Colorado owns leases	All sections	
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. None			
Use reverse side for additional detail.			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the Bedrock Oil Co. (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 November, 14 1982		Signature <i>Harold W. Toker</i>	
Permit No. 833	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy		
	Form No. 10		

APPLICATION TO PLUG AND ABANDON

RECEIVED
NOV 17 1982
O & G CONS. COMM.

FIELD Wildcat -- Cochise County
OPERATOR Bedrock Oil Co. ADDRESS 2705 Swiss Ave., Dallas, Texas
Federal, State or Indian Lease Number or Lessor's Name if Fee Lease Phillips Farmout - State 51709 WELL NO. # 1. 75204
LOCATION SE $\frac{1}{4}$ SE $\frac{1}{4}$ - Section 4-21S-23E, Cochise County, Arizona

TYPE OF WELL Wildcat Test for Oil or Gas TOTAL DEPTH 2921
(Oil, Gas or Dry Hole)
ALLOWABLE (If Assigned) (Dry Hole-Wildcat Test)
LAST PRODUCTION TEST OIL NONE (Bbls.) WATER _____ (Bbls.)
GAS NONE (MCF) DATE OF TEST _____
PRODUCING HORIZON NONE PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.

151.47 feet of surface casing: Casing is 29 pound, 8 round thread. Cemented with 15.3 pound slurry circulated to surface.

2. FULL DETAILS OF PROPOSED PLAN OF WORK.

Spotted 4 yards of cement at 2400' to 2800' in 6" hole. Cement allowed to set 12 hours. Spotted 1 yard of cement at least 50 foot out of surface and 50' in surface casing and 50' in top. Surface cement allowed to set 12 hours and it settled down about 8 foot. Pressured up on cement plug with mud through swedge and valve by using mud pump and plug held. Bottom plug was filled to top plug with heavy mud. Welded $\frac{1}{4}$ inch steel plate on top of casing with 5' pipe sticking up. Plate on pipe reflects Company name, date, location, permit number, etc.

DATE COMMENCING OPERATIONS November 8, 1982
NAME OF PERSON DOING WORK Bedrock Oil Co. ADDRESS Dallas, Texas
Harold W. Tches
Signature
Vice President
Title
1706 N. W. 28, Okla. City, Okla. 73106
Address
November 14, 1982
Date

Date Approved 11-19-82
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: R. G. Ybanez

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

Permit No. 833

RECEIVED

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

SEP 28 1982

APPLICATION TO DRILL

RE-ENTER OLD WELL

O & G CONS. COMM.

Bedrock Oil Company

NAME OF COMPANY OR OPERATOR

2705 Swiss Avenue

Dallas

Texas 75204

Address

City

State

Joe I. Salazar Drilling Inc

Drilling Contractor

P O Box 916, Grants, New Mexico 87020

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor

State lease # 51709

Well number

1

Elevation (ground)

4992'

Nearest distance from proposed location to property or lease line:

658.19

feet

Distance from proposed location to nearest drilling, completed or applied--for well on the same lease:

No drilling wells in county

feet

Number of acres in lease:

2326.10 acres

Number of wells on lease, including this well, completed in or drilling to this reservoir:

our well only

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

None (Farmout from Phillips et al.)

Well location (give footage from section lines)

658.19 from South + East lines

Section--township--range or block and survey

SE SE 4-21S-23E

Dedication (Comply with Rule 105)

EASEMENT Center of 40 acres

Field and reservoir (if wildcat, so state)

wildcat

County

Cochise County, Arizona

Distance in miles, and direction from nearest town or post office

8 miles South of Tombstone

Proposed depth:

3750'

Rotary or cable tools

Rotary

Approx. date work will start

October 20, 1982

Bond Status

filed

Organization Report

Filing Fee of \$25.00

Amount

\$5,000.00

On file

Or attached attached

\$25.00

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the

Bedrock Oil Co.

(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.

Harold W. Stokes
Signature

September 25, 1982
Date

Permit Number:

833

Approval Date:

7-29-82

Approved By:

R. G. Yama

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

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

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat. (Not spaced by Commission yet)
2. 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.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
5. 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 Farmout Agreement with all owners
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description

	CERTIFICATION
	I hereby certify that the information above is true and complete to the best of my knowledge and belief. <i>Harold Witcher</i> Harold Witcher
	Name <u>Vice President</u>
	Position <u>Bedrock, Inc.</u>
	Company <u>September 25, 1982</u>
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.	<u>LS 9080</u>

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
8.5"	24#	A.P.I.	Surface	400'	Circulate to surface. (400')	150 plus	Portland



PERMIT TO DRILL

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

To: BEDROCK OIL COMPANY
(OPERATOR)

to drill a well to be known as

1 STATE
(WELL NAME)

located 658' FROM SOUTH LINE & 658' FROM EAST LINE

Section 4 Township 23 SOUTH Range 23 EAST, COCHISE County, Arizona.

The E/2 OF SE/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 29th day of September, 19 1982.

OIL AND GAS CONSERVATION COMMISSION

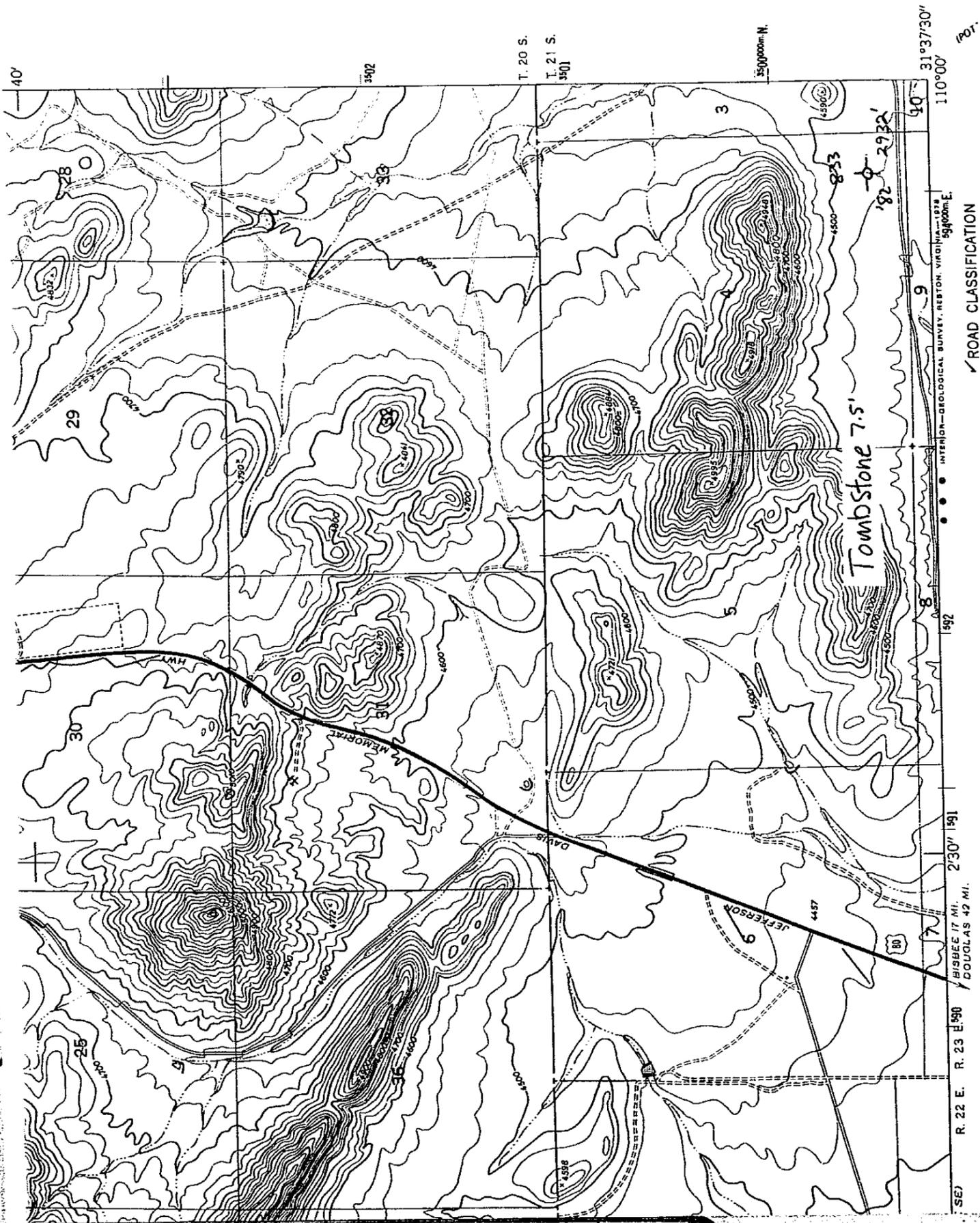
By [Signature]
Enforcement EXECUTIVE DIRECTOR

PERMIT 00833

RECEIPT NO. 2327

A.P.I. NO. 02-003--20006

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill
FORM NO. 27



November 8, 1982

M E M O

TO: THE FILE
FROM: A. K. DOSS *AKD*

Permit #833 Bedrock Oil Co.

Gave verbal o.k. to Harold Witcher to plug. Hit cavern with water at 2880' - let pipe down 52' into cavern and touched nothing.

1. 100' plug 50' in and out of surface pipe
2. 200' plug 2600' to 2800'
3. Heavy mud in between
4. 4' monument

DAVID CALDWELL
2705 SWISS AVE
DALLAS TX 75204

western union

Mailgram



4-0178728310 11/06/82 ICS IPMRNCZ CSP PHXB
6024572223 MGM TDRN TOMBSTONE AZ 47 11-06 0152P EST.

RECEIVED *AKK*

NOV 8 1982

O & G CONS. COMM.

A K DOSS
OIL AND GAS COMMISSION
1645 WEST JEFFERSON SUITE 420
PHOENIX AZ 85007

COCHISE TEST AT 2610 IN BLACK SHALE DRILLING 6 1/2 MINUTES PER FOOT.
WOB 30000 RPM 55 MUD WEIGHT 9 POUNDS VISCOSITY 39 FILTRATE 8.8CC NO
SHOWS

HAROLD WITCHER BEDROCK OIL CO

1315A EST

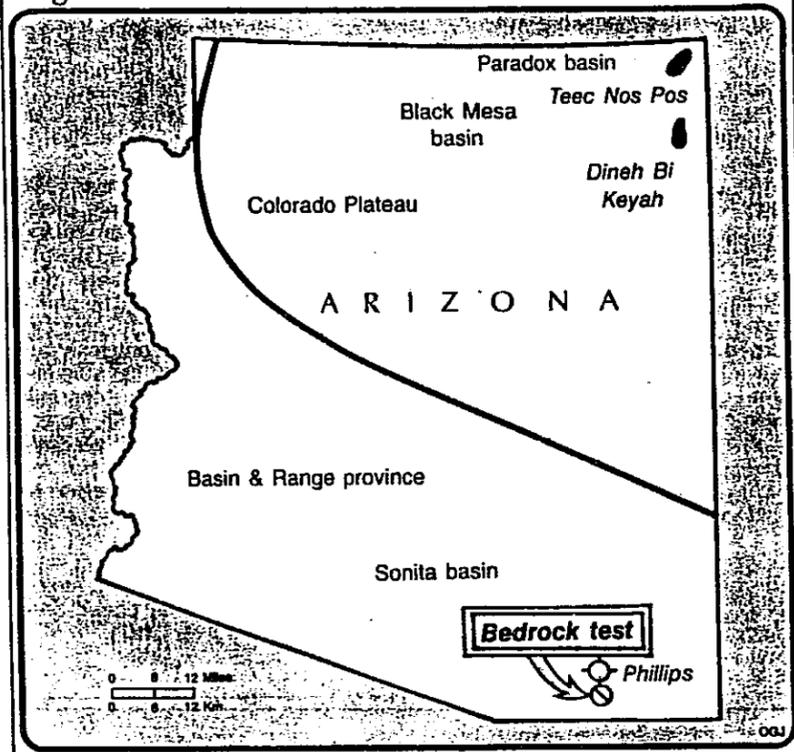
MGMCOMP

833

EXPLORATION

PN 833

Significant Arizona test



Remote wildcat staked in Arizona

An interesting wildcat location has been made in southeastern Arizona, more than 350 miles south of nearest oil production.

Bedrock Oil Co. of Dallas staked a 3,750 ft test 8 miles south of Tombstone in southwestern Cochise County. The 1 State-51709 is in SE SE 4-21s-23e. Location is about 2 miles northeast of a 2,446 ft dry hole in SE SE 17-21s-23e, drilled by R.B. Moncrief in 1962. His wildcat was in the Tertiary all the way before being plugged after lost circulation occurred.

Five miles east-northeast of the Bedrock site, Basin Petroleum Co. drilled a 3,570 ft dry hole in 1968 in NE NE 5-21s-24e. There were some slight oil and gas shows in this hole between 2,229 and 2,974 ft. Petroleum Information of Denver notes that log tops in that well include Pennsylvanian at 1,575 ft, Mississippian at 2,400 ft, and the upper Devonian Martin formation called at 3,335 ft.

Another remote test. Nearly every well drilled in Arizona is tagged as a wildcat.

Most of these wildcats are in the remote or rank classification due to the scarcity of drilling sites in the state through the years.

The new Cochise County wildcat is in a small part of an enormous region that extends from Oregon to Texas, south into Mexico—the Basin and Range Province. The only oil production in this vast area is in Nevada's Railroad Valley, in the Great Salt Lake area of Utah, and at Virgin, also in Utah.

Geologists feel that this huge Basin and Range territory needs closer attention. One part of the area they believe merits a special look is the Cochise County sector in southeastern Arizona.

Edgar B. Heylman of Tucson notes (OGJ, July 10, 1978, p. 176) that despite being a region far more famous for copper mining than for oil, there

are nonetheless indications of oil and gas in numerous wells, and petroliferous rocks and seeps are reported on the surface at various spots.

He adds that the Nevada production is from rocks of Tertiary age, and most of the occurrences in southeastern Arizona are also from rocks of this vintage.

Early day water wells had oil and gas in them in parts of Cochise County. Oil was produced and sold for lanterns in the Wilcox area in the old days. Oil also was produced and used locally in the 1920s in the same locale.

In an untested region. Up until recently, there had not been a well drilled specifically for oil or gas in the Wilcox area since 1965.

Heylman notes that aeromagnetic surveys suggest Wilcox is located on a northwest-trending anticline.

The deepest wells in southeastern Arizona were drilled in 1972-73 by Humble, now Exxon. The 1 State in 2-8s-8e, east of Eloy, found one of the thickest sequences of anhydrite ever found in this country. Over 5,000 ft of Tertiary anhydrite was penetrated between 2,340 and 8,245 ft. The well bottomed out in Precambrian at 10,179 ft.

Humble then drilled 1 State in 5-16s-15e, southeast of Tucson. This well penetrated a complex sequence of Tertiary, Cretaceous, Triassic, and Paleozoic units which are faulted and

repeated. The well went to bottom in Tertiary igneous rocks at 12,571 ft. There were no good shows in either of these Humble wells.

Undaunted by a deep dry hole in Pinal County in 1981, Phillips Petroleum Co. drilled another well in Cochise County. The 1 Tombstone-State was drilled in SW SW 14-20s-23e, 6 miles east of Tombstone. This well was plugged at 10,561 ft but had been projected to 20,000 ft. Drilling problems cut the depth. The company is now busy with a strat drilling program in the region, evaluating a northwest-southeast path which crosses the state diagonally from Kingman in Mohave County to Cochise County near Mexico, according to Résumé 81, Petroleum Information's annual report.

The two Phillips tests were part of the widespread interest in the potential of the southern end of the Overthrust Belt. This Overthrust-Hingeline belt runs from Central Utah to Southeast Arizona and into Mexico.

Tertiary rocks in southeastern Arizona are thick and diversified in character. They range from hard intrusive and extrusive igneous rocks to soft, porous sandstones, according to Heylman. Siltstone and conglomerate are common rock types, but such rock types as gypsum, anhydrite, salt, and diatomite are not uncommon, he adds.

Heylman likes the Tertiary units of the Pantano group, especially the Mi-

neta limestone which is found near the middle of the sequence. The Pantano group is of Eocene, Oligocene, and Miocene age and may correlate, in part, with productive units in Nevada. The Mineta limestone, Oligocene in age, consists of interbedded algal limestone, silty limestone, siltstone, and sandstone of fluvial, paludal, and lacustrine origin, according to the Tucson geologist.

Some of the limestones are petroliferous and locally uraniferous. Since many of the limestones are algal in nature, it would not be unreasonable to expect reef-like algal buildups, he thinks.

Heylman believes that the best prospects for future oil and gas success in southeastern Arizona appear to lie under the broad desert valleys, just as at Railroad Valley in Nevada.

San Simon and Sulphur Springs Valley are two such valleys in the region, bounded by complexly faulted ranges. Finding structures suitable for oil and gas entrapment, concealed beneath the thick valley fill, poses a challenge to geologists and geophysicists.

Much work remains to be done in this vast untested region where broad, deep desert valleys abound. So few wells have penetrated the valley fill that very little is known about what lies beneath. Only more wildcatting will open this closed door.

John C. McCaslin
Exploration Editor

ARKANSAS

Considerable activity is reported in various parts of Arkansas, including the Arkoma basin.

Essex Exploration Co. 1 Stanton in C NW 18-8n-19w, Moreland field, Pope County, flowed 9,305 Mcfd of gas from the lower Hale sand at 6,201-42 ft with tubing pressure 720 psi. No treatment was necessary.

In Franklin County, Stephens Production Co. completed 1-21 Nobert Adams in 21-7n-28w flowing 3,714 Mcfd of gas on a 1/2 in. choke with tubing pressure 1,255 psi. Open flow was 5,950 Mcfd of gas. Location is in Peter Pender field.

Stephens also completed 1-3 Camp Chaffee in SE SW NE 3-7n-31w, Hollis Lake field, Sebastian County, flowing 590 Mcfd of gas on a 3/8 in. opening from the lower Carpenter at 3,553-95 ft. Open flow was 725 Mcfd of gas.

A rank wildcat will be drilled in the Arkoma basin in Faulkner County at Southwestern Energy Production Co. 1-8-B Brown, SE SE NW 8-8n-12w. Location is 6 1/2 miles southwest of

shallow production in Quitman field of Cleburne County in the far eastern portion of the basin. Objective is the Ordovician Simpson at 7,500 ft. Site is 1 1/2 miles northeast of Guy townsite.

Tenneco Oil Co. has a new well in Aetria field, Franklin County, at 1-34 Brashears, NW SE NW 34-9n-26w. Flow was 3 MMcfd of gas from the Kessler at 6,046-94 ft on open flow. Flow was 1,350 Mcfd of gas on an 18/64 in. choke with tubing pressure 700 psi.

The 1-28 Smith in 28-9n-20w, Dover field, Pope County, flowed from the upper and lower Hale sands. Flow was 1,376 Mcfd of gas from the Hale at 5,669-5,770 ft on a 10/64 in. choke with casing pressure 1,804 psi. Open flow was 3,191 Mcfd of gas. Flow was 551 Mcfd of gas from the third Hale at 6,194-6,208 ft on an 8/64 in. choke with flowing tubing pressure 1,392 psi. Open flow was set at 1,131 Mcfd of gas.

Another wildcat has been staked in the basin, this one in Johnson County. Oxley Petroleum 1 Bernice Hunt will

be drilled in 10-10n-25w, 7 miles northwest of Hartman and 2 1/2 miles east of Coal Hill field. Objective is the Boone sand at 5,500 ft.

Perhaps the most remote of this year's wildcats in the lower Midcontinent region is also in the Arkoma basin, Hot Spring County. Shell Oil Co. will drill to the Ordovician at 10,000 ft at 1 International Paper in NW SE 21-4s-20w, 10 miles southwest of Hot Springs National Park. Nearest gas production is 60 miles north in the Arkoma basin, while nearest oil production is in South Arkansas.

Anadarko Production Co. has a new oil well on the south flank of Atlanta field in South Arkansas' Columbia County.

This new well extends the field's limits 1/4 mile to the south. It is the A-1-15 Tissue in SW SW 15-18s-19w. Flow was 280 b/d of oil on a 20/64 in. choke with tubing pressure 55 psi. Pay is from the Jurassic Cotton Valley at 6,939-43 ft.

March 16, 1984

Mr. Jeff Obermiller
Statistical Analyst
American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

Dear Mr. Obermiller:

Thank you for your letter of March 13, 1984, regarding drilling costs and activity in Arizona.

I have checked our files on the list of operators you sent and find that all holes have been plugged and abandoned. However, I am enclosing the last known addresses of the operators in the hope that they might be of some use to you.

If I can be of any further assistance, please do not hesitate to contact me.

Sincerely,

Sheila Burgan
Secretary
Enforcement Section

Enclosure

ENCLOSURE

Bedrock Oil Company 1 State
2705 Swiss Avenue
Dallas, Texas 75204
Harold L. Witcher, Vice President

P & A 11/09/82

Sumatra Energy Company 1-17 Santa Fe
999 - 18th Street
One Denver Place, Suite 1400
Denver, Colorado 80202
W. A. Proudfoot, Operations Manager

P & A 03/24/83*

*Converted to water well

Gail W. Sponseller 1 Sponseller
P. O. Box 488
Corona, California 91720
Gail W. Sponseller, Individual

P & A 09/07/82



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 255-5161

November 28, 1983

Ms. Julia A. Sanders
Bond Superintendent
Aetna Commercial Insurance Division
Two Memorial Place
8023 East 63rd Place, Suite 300
Tulsa, Oklahoma 74133

Re: Bedrock Oil Company, Inc.
Bond Number 40 S 40211 BCA

Dear Ms. Sanders:

This will acknowledge receipt of your letter (Third Request) of November 18, 1983, requesting release of subject bond.

We have been informed by the Lands Department that the well site has been restored in full compliance with their rules and regulations. Therefore, this letter constitutes our approval on release of the bond.

If I can be of further assistance, please advise.

Sincerely,

R. A. Ybarra
R. A. Ybarra
Enforcement Director

RAY:sjb

AETNA CASUALTY & SURETY COMPANY
8023 EAST 63rd PLACE
TULSA, OK 74133

RECEIVED

NOV 23 1983

O & G CONS. COMM.

August 24, 1983 September 21, 1983 - Second Request
November 18, 1983 - Third Request

Oil and Gas Conservation Commission
State Capitol Building
Phoenix, AZ

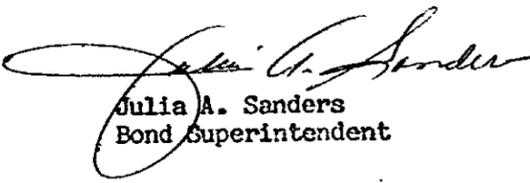
RE: Bedrock Oil Company, Inc.
Bond Number 40 S 40211 BCA

Gentlemen:

We have been advised that the above-captioned bond posted for SE/44-21S-23E Cochise County Arizona is no longer needed as the above was a dry hole and apparently has been plugged in accordance with your regulations.

We would appreciate your advising us if we may cancel our bond and terminate our liabilities.

Sincere regards,


Julia A. Sanders
Bond Superintendent

JAS/slt

cc: Breeding & Breeding Agency

11/28/83

Spalding / Ybarra

Restoration of well

site has been approved

by lands Dept.

AETNA CASUALTY & SURETY COMPANY
8023 EAST 63rd PLACE
TULSA, OK 74133

RECEIVED

SEP 23 1983

O & G CONS. COMM.

*ALCO
RAY*

August 24, 1983

September 21, 1983 - Second Request

Oil and Gas Conservation Commission
State Capitol Building
Phoenix, AZ

RE: Bedrock Oil Company, Inc.
Bond Number 40 S 40211 BCA

Gentlemen:

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We would appreciate your advising us if we may cancel our bond and terminate our liabilities.

Sincere regards,

Julia A. Sanders
Julia A. Sanders
Bond Superintendent

JAS/slt

cc: Breeding & Breeding Agency

11/28/83

10/26/83 *Re: restoration of well site on Bedrock well*

*Mason (SLD) / Ybarra
Wally Alexander was out to the well & was supposed to write me re: above. No letter was sent to me.*

*Alexander is now to call me
(over)*



Commercial Insurance Division

Two Memorial Place
8023 East 63rd Place, Suite 300
Tulsa, Oklahoma 74133

August 24, 1983

RECEIVED

AUG 29 1983

D & G CONS. COMM.

*ARW
RAY*

Oil and Gas Conservation Commission
State Capitol Building
Phoenix, AZ

RE: Bedrock Oil Company, Inc.
Bond Number 40 S 40211 BCA

Gentlemen:

We have been advised that the above-captioned bond posted for SE/44-21S-23E Cochise County Arizona is no longer needed as the above was a dry hole and apparently has been plugged in accordance with your regulations.

We would appreciate your advising us if we may cancel our bond and terminate our liabilities.

Sincere regards,

Julia A. Sanders

Julia A. Sanders
Bond Superintendent

JAS/slt

cc: Breeding & Breeding Agency

*John Beaufort, Tulsa 600 5480
Mervie Mason - replied John
and will inspect the well site & will let me know
if restoration is approved.*

2y.

BEDROCK INC.

1706 N.W. 28TH
OKLAHOMA CITY, OKLAHOMA 73106
405/524-5768

February 25, 1983

Mr Hal Susie
Arizona Land Department
1624 W. Adams
Phoenix, Arizona 85007

Re: Reclamation of land

Dear Mr Susie;

Thank you for your time and advise on the telephone.

On or about November 12, 1982 Bedrock, Inc., plugged a wildcat test on the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 4-T21S-R23E, Cochise County, Arizona. It required most of the mud in the plugging process therefore the pits dried very well. Last week we filled the pits, cleaned the location and leveled the area very smoothly.

I previously submitted a reclamation plan to the Land Department wherein I stated Bedrock, Inc., would be willing to fertilize and reseed the drill site area if the State Land Department so desired. This particular drill site area has no grass but is solid in grease wood bushes.

Would your department please examine the site and advise the undersigned of your decision as to any additional action that is required by Bedrock to meet your requirements? It is our desire to cooperate with your department in every way and will appreciate any assistance you care to give.

Thank you very much and I await your reply.

Sincerely,

Harold L. Witcher
Harold L. Witcher

RECEIVED

FEB 28 1983

O & G CONS. COMM.

2705 SWISS AVENUE
DALLAS, TEXAS 75204
214/742-1865

*How did this
get in a DL
envelope?
File Bedrock
will file -*

D.S.

833

HAROLD L. WITCHER
Oil & Gas Producer
1706 Northwest 28th Street
Oklahoma City, Oklahoma 73108

RECEIVED

NOV 17 1982

O & G CONS. COMM.

405-524-5768
AKS
Ry

November 15, 1982

Re: Bedrock Oil Test
SE/4 SE/4 4-21S-23E
Cochise County, Arizona
Permit - 833

Mr. A. K. Doss
Oil & Gas Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

The aforementioned test was spudded on October 22, 1982 at 8:00 A.M. At the depth of 151.47 feet surface casing was set. The casing was 8-5/8", 29 pound, 8 round thread. The cement weight was 15.3 pounds and was circulated to surface.

The drilling of this well was very difficult. The lime formations were very dense and a total of 1040 bbls of mud was lost to formations. The mud was in excellent shape and we carried lost circulation material in excess of 8% at all times.

The following depths had slight shows as recorded on the sample log enclosed: 860-890' -- gas, 1140-1155' -- gas, 2310-30' -- dead oil, 2350-60' -- dead oil, 2700' -- dead oil, 2860-70' -- slight fluorescence (oil).

In my opinion we entered the Mississippi Formation at 1860-1870' and entered Devonian at 2710'.

Upon drilling to the depth of 2880', all mud was lost from the pits as well as circulation. The drill pipe was lowered to a depth of 2957' without touching formation. I requested the drilling contractor to come out of the hole to prevent losing drill pipe. At that time all interested companies were notified of the situation and it was agreed that it was too dangerous to run logs.

The well was properly plugged in accordance with the Arizona Oil & Gas Commission. I have as of this date forwarded sample cuts to your company and the proper Arizona Government Agencies.

All proper permits were obtained before the test was underway and upon the pits drying the same will be filled, top soil replaced, fertilized and reseeded.

I want to thank everyone concerned for their help in this test. It will not be our last in Cochise County.

Sincerely,

Harold L. Witcher
Harold L. Witcher

HLW:ker

HAROLD L. WITCHER
Oil & Gas Producer
1706 Northwest 28th Street
Oklahoma City, Oklahoma 73106

405-524-5788

RECEIVED

NOV 17 1982

O & G CONS. COMM.

November 15, 1982

Re: Bedrock Oil Test
SE/4 SE/4 4-21S-23E
Cochise County, Arizona
Permit - 833

Bureau of Geology & Mineral Technology
University of Arizona
845 North Park
Tucson, Arizona 85719

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Sincerely,

Harold L. Witcher
Harold L. Witcher

HLW:ker

Desert Concrete Company

PLANT ADDRESS
 HIGHWAY 92 SOUTH
 SIERRA VISTA, AZ. 85635
 PHONE 378-6072

REMIT TO:
 P.O. BOX 430
 SIERRA VISTA, AZ. 85635
 PHONE 378-2321

ORDER NO. _____ DATE 11-9- 19 82

SOLD TO Redrock Oil Co

ADDRESS _____

JOB _____ DELIVERED BY I. J.

LOT # _____

C.O.D. CHARGE CREDIT CASH

ORDER PLACED	A.M. <u>7:00</u>	AR. ON JOB <u>9:00</u>	L.V. PLANT <u>3:00</u>
	P.M.	L.V. JOB <u>7:00</u>	AR. ON JOB <u>2:00</u>
ADMIXTURE	TOTAL TIME ON JOB		RTN. PLANT

LESS	MIN. FREE TIME	MIN. AT.	PER HR.			
	SLUMP REQUESTED					
	GAL. WATER	ADDED ON JOB	REQUESTED BY			
	ACTUAL SLUMP POURED					
<u>1</u>	CU. YDS. CONCRETE					<u>128 31</u>
<u>2</u>	CALCIUM					<u>3 00</u>
	<u>Track time 4 1/2 hrs.</u>					<u>702 50</u>
	<u>credit</u>					<u>< 7 50</u>
	ZONE #	DELIVERY CHARGE				
	SALES TAX					
	RESALE TAX #	TOTAL				<u>338 51</u>

RECEIVED BY [Signature] DELIVERED BY _____

I (We) certify that the foregoing statements are true and correct in all detail and are furnished for the confidential purpose of obtaining credit, and that, should credit be extended to me (us) or any member of my (our) family, whether on open account or otherwise, I (we) agree that payment shall be made in full for all goods, wares, merchandise, materials and services delivered or performed on such credit; and in the event of default, should collection procedures be undertaken against me (us) I (we) agree to pay in addition to the amount due on such credit account or for any other goods, wares, merchandise, materials and services delivered or performed, attorney's fees in a reasonable amount and collection costs due to the necessity of hiring any collection agent or attorney, together with any further costs incurred in the collection of any amount due including but not limited to all court costs on such credit account. It is specifically understood that this agreement applies to each and every transaction between the parties whether on open account or otherwise, unless waived in writing by the parties herein. OVERDUE ACCOUNTS SUBJECT TO LEGAL RATE OF INTEREST.

01036

WE RESERVE THE RIGHT TO AUDIT ALL INVOICES.
 NOT RESPONSIBLE FOR ANY DAMAGE ON DELIVERY INSIDE CURB LINE. NO CLAIM ALLOWED UNLESS MADE AT TIME MATERIAL IS DELIVERED.
 OFFICE COPY - WHITE
 STATEMENT COPY - CANARY
 CUSTOMER COPY - PINK
 PLANT COPY - GOLDENROD

Desert Concrete Company

PLANT ADDRESS
 HIGHWAY 92 SOUTH
 SIERRA VISTA, AZ. 85635
 PHONE 378-6072

REMIT TO:
 P.O. BOX 430
 SIERRA VISTA, AZ. 85635
 PHONE 378-2321

ORDER NO. _____ DATE 11-9-82 19__

SOLD TO Bedrock Oil Co

ADDRESS _____

JOB _____ DELIVERED BY T.J.

LOT # _____

C.O.D. CHARGE CREDIT CASH

ORDER PLACED _____ A.M. AR. ON JOB _____ L.V. PLANT _____
 P.M. LV. JOB _____ AR. ON JOB _____
 ADMIXTURE _____ TOTAL TIME ON JOB _____ RTN. PLANT _____

LESS	MIN. FREE TIME	MIN. AT.	PER HR.
	SLUMP REQUESTED		
	GAL. WATER ADDED ON JOB	REQUESTED BY	
	ACTUAL SLUMP POURED		395.29
4	CU. YDS. CONCRETE		10.75
270	CALCIUM		480.00
	<u>3 hrs truck time</u>		135.00
	ZONE #	DELIVERY CHARGE	
		SALES TAX	
	RESALE TAX #	TOTAL	

RECEIVED BY Bedrock Oil Co DELIVERED BY _____

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01035

WE RESERVE THE RIGHT TO AUDIT ALL INVOICES.
 NOT RESPONSIBLE FOR ANY DAMAGE ON DELIVERY INSIDE CURB LINE. NO CLAIM ALLOWED UNLESS MADE AT TIME MATERIAL IS DELIVERED.
 OFFICE COPY - WHITE
 STATEMENT COPY - CANARY
 CUSTOMER COPY - PINK
 PLANT COPY - GOLDENROD

Desert Concrete Company

PLANT ADDRESS
HIGHWAY 92 SOUTH
SIERRA VISTA, AZ. 85635
PHONE 378-6072

REMIT TO:
P.O. BOX 430
SIERRA VISTA, AZ. 85635
PHONE 378-2321

ORDER NO. _____ DATE 11-9-82 19__
SOLD TO Bedrock Oil Co
ADDRESS _____
JOB _____ DELIVERED BY T.J.

LOT # _____
C.O.D. CHARGE CREDIT CASH

ORDER PLACED	A.M.	AR. ON JOB	L.V. PLANT
	P.M.	LV. JOB	AR. ON JOB
ADMIXTURE	TOTAL TIME ON JOB		RTN. PLANT

LESS	MIN. FREE TIME	MIN. AT.	PER HR.
	SLUMP REQUESTED		
	GAL. WATER	ADDED ON JOB	REQUESTED BY
	ACTUAL SLUMP POURED		
<u>41</u>	CU. YDS. CONCRETE		<u>545 29</u>
<u>370</u>	CALCIUM		<u>10 75</u>
	<u>4 hrs truck time</u>		<u>180 00</u>
	ZONE #	DELIVERY CHARGE	
		SALES TAX	
	RESALE TAX #	TOTAL	

RECEIVED BY [Signature] DELIVERED BY [Signature]

I (We) certify that the foregoing statements are true and correct in all detail and are furnished for the confidential purpose of obtaining credit, and that, should credit be extended to me (us) or any member of my (our) family, whether on open account or otherwise; I (we) agree that payment shall be made in full for all goods, wares, merchandise, materials and services delivered or performed on such credit; and in the event of default, should collection procedures be undertaken against me (us) I (we) agree to pay in addition to the amount due on such credit account or for any other goods, wares, merchandise, materials and services delivered or performed, attorney's fees in a reasonable amount and collection costs due to the necessity of hiring any collection agent or attorney, together with any further costs incurred in the collection of any amount due including but not limited to all court costs on such credit account. It is specifically understood that this agreement applies to each and every transaction between the parties whether on open account or otherwise, unless waived in writing by the parties herein. OVERDUE ACCOUNTS SUBJECT TO LEGAL RATE OF INTEREST.

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OFFICE COPY - WHITE
STATEMENT COPY - CANARY
CUSTOMER COPY - PINK
PLANT COPY - GOLDENROD

No. **01030**

BUENA READY MIX

PLANT ADDRESS
 HIGHWAY 92 SOUTH
 SIERRA VISTA, AZ. 85635
 PHONE 378-6072

REMIT TO:
 2700 FRY BLVD. SUITE A-7
 SIERRA VISTA, AZ. 85635
 PHONE 458-4057

ORDER NO. _____ DATE 10-25 19 82

SOLD TO Bedrock Drilling Oil Co.

ADDRESS _____

JOB _____ DELIVERED BY _____

LOT # _____
 C.O.D. CHARGE CREDIT CASH

ORDER PLACED	A.M.	AR. ON JOB					
	P.M.	LV. JOB					
ADMIXTURE	TOTAL TIME ON JOB						

LESS	MIN. FREE TIME	MIN. AT.	PER HR.		
	SLUMP REQUESTED				
	GAL WATER	ADDED ON JOB	REQUESTED BY		
	ACTUAL SLUMP POURED				
	CU. YDS. CONCRETE				
	2 7/8 CALCIUM				
	75 Bags of cement				
	ZONE #	DELIVERY CHARGE			
		SALES TAX			
	RESALE TAX #	TOTAL			

RECEIVED BY [Signature] DELIVERED BY _____

I (We) certify that the foregoing statements are true and correct in all detail and are furnished for the confidential purpose of obtaining credit, and that, should credit be extended to me (us) or any member of my (our) family, whether on open account or otherwise, I (we) agree that payment shall be made in full for all goods, wares, merchandise, materials and services delivered or performed on such credit; and in the event of default, should collection procedures be undertaken against me (us) I (we) agree to pay in addition to the amount due on such credit account or for any other goods, wares, merchandise, materials and services delivered or performed, attorney's fees in a reasonable amount and collection costs due to the necessity of hiring any collection agent or attorney, together with any further costs incurred in the collection of any amount due including but not limited to all court costs on such credit account. It is specifically understood that this agreement applies to each and every transaction between the parties whether on open account or otherwise, unless waived in writing by the parties herein. OVERDUE ACCOUNTS SUBJECT TO LEGAL RATE OF INTEREST.

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NOT RESPONSIBLE FOR ANY DAMAGE ON DELIVERY INSIDE CURB LINE. NO CLAIM ALLOWED UNLESS MADE AT TIME MATERIAL IS DELIVERED.

RECEIVED

SEP 20 1982

O & G CONS. COMM.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 40S40211:BCA

That we: Bedrock Oil Company, Inc., an Arizona Corporation

of the County of Oklahoma in the State of Oklahoma

as principal, and The Aetna Casualty and Surety Company

of Hartford Connecticut

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 DOLLARS (\$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:

SE 1/4 of Sec. 4, Township 21S, Range 23E, Cochise Co., 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 10th day of September, 1982.

BEDROCK OIL COMPANY

M.K. St. Claire Secretary Harold L. Witcher Vice-President

WITNESS our hands and seals, this 10th day of September, 1982.

Countersigned by:

John M. Arnott
John M. Arnott, Arizona
Resident Agent
3225 N. Central Ave., Phoenix, Az.

THE AETNA CASUALTY AND SURETY COMPANY

Charles O'Connell 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 9-29-82
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: R. A. Yana

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

Permit No. 833

CANCELLED

11-28-83



THE AETNA CASUALTY AND SURETY COMPANY
Hartford, Connecticut 06115

POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, THAT THE AETNA CASUALTY AND SURETY COMPANY, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, hath made, constituted and appointed, and does by these presents make, constitute and appoint H. C. MacIntosh, Jr., John M. Arnott, Romeo C. Celaya, Charles O'Connell or Lora L. Binney - -

of Phoenix, Arizona, its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, or, if the following line be filled in, within the area there designated, the following instrument(s):
by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any and all consents incidents thereto

and to bind THE AETNA CASUALTY AND SURETY COMPANY, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of THE AETNA CASUALTY AND SURETY COMPANY, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following Standing Resolutions of said Company which Resolutions are now in full force and effect:

VOTED: That each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, may from time to time appoint Resident Vice Presidents, Resident Assistant Secretaries, Attorneys-in-Fact, and Agents to act for and on behalf of the Company and may give any such appointee such authority as his certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors may at any time remove any such appointee and revoke the power and authority given him.

VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the Chairman, the Vice Chairman, the President, an Executive Vice President, a Senior Vice President, a Vice President, an Assistant Vice President or by a Resident Vice President, pursuant to the power prescribed in the certificate of authority of such Resident Vice President, and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary or by a Resident Assistant Secretary, pursuant to the power prescribed in the certificate of authority of such Resident Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact pursuant to the power prescribed in his or their certificate or certificates of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Standing Resolution voted by the Board of Directors of THE AETNA CASUALTY AND SURETY COMPANY which Resolution is now in full force and effect:

VOTED: That the signature of each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, THE AETNA CASUALTY AND SURETY COMPANY has caused this instrument to be signed by its Assistant Vice President and its corporate seal to be hereto affixed this 2nd day of January, 19 81



THE AETNA CASUALTY AND SURETY COMPANY

By R. T. Rippe
Assistant Vice President

State of Connecticut }
County of Hartford } ss. Hartford

On this 2nd day of January, 19 81, before me personally came R. T. RIPPE Assistant Vice President of THE AETNA CASUALTY AND SURETY COMPANY, the corporation described in and which executed the above instrument; that he/she knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; and that he/she executed the said instrument on behalf of the corporation by authority of his/her office under the Standing Resolutions thereof.



Johanna M. Degnan
My commission expires March 31, 1984 Notary Public

CERTIFICATE

I, the undersigned, Secretary of THE AETNA CASUALTY AND SURETY COMPANY, a stock corporation of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that the Standing Resolutions of the Board of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut. Dated this 10th day of September, 19 82



By Dennis A. Wall
Secretary

PRINTED IN U.S.A.

ORGANIZATION REPORT

RECEIVED

SEP 28 1982

O & G CONS. COMM.

OK

Full Name of the Company, Organization, or Individual

Bedrock Oil Company

Post Office Address (Box or Street Address)

2705 Swiss Ave., Dallas, Texas 75204

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)

Corporation

Purpose of Organization (State type of business in which engaged)

Oil drilling and production only

If a reorganization, give name and address of previous organization.

No

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
Arizona	G T Corporation System 14 North 18th Avenue Phoenix, Arizona 85007	August 18, 1982
Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
David Caldwell	President	2705 Swiss Ave. Dallas, Texas 75204
Harold Witcher	V. Pres. & Sec.	1706 N. W. 28 Oklahoma City, Ok. 73106

DIRECTORS NAME
(Same as above)

POST OFFICE ADDRESS

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the V. President of the Bedrock Oil Company (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.

Harold Witcher
Signature

September 25, 1982
Date

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Organization Report
File One Copy
Form No. 1

September 29, 1982

Mr. Harold L. Witcher
Bedrock Oil Company
1706 NW 28th Street
Oklahoma City, OK 73165

Re: State Permit 833
Bedrock Oil 1 State

Dear Mr. Witcher:

Enclosed are approved application for permit to drill, approved performance bond, receipt, and instructions for progress reports and handling of well samples.

If we may be of further assistance, please advise.

Sincerely,

R. A. Ybarra
Enforcement Director

/os
Encl.

RECEIVED

SEP 28 1982

O & G CONS. COMM.

HAROLD L. WITCHER
Oil & Gas Producer
1706 Northwest 28th Street
Oklahoma City, Oklahoma 73108

405 - 524-5768

RAY
OS

September 25, 1982

RECEIVED

SEP 28 1982

O & G CONS. COMM.

Mr A. K. Doss
Oil & Gas Commission
1645 W. Jefferson (Suite 420)
Phoenix, Arizona 85007

Re: Permit

Dear Mr Doss;

Please find enclosed the application for permit to drill,
organization report and \$25.00 fee.

If the permit is approved, I would deeply appreciate a
xerox copy of same and have enclosed a stamped envelope.

We are crowded on time so any consideration you give the
application will be deeply appreciated.

Thank you and it was a pleasure to meet you and Mr Ybarra.

Sincerely,

Harold Witcher
Harold Witcher

P. S. If I made any mistakes on the application, would you
please call me collect at (405) 524-5768.

Rudy call him and which 80 Ac. he wants to designate -