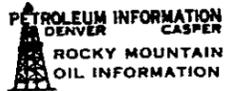


R. H. Busby 2 State
NE/4-SE/4 Sec 36-T19N-R25E 190
Apache County

M-d

190
ARIZONA
APACHE CO.
PINTA DOME, SW (D)



Twp-19n-25e
Sec 36
ne sw
2355 n/s 2560 e/w

OPR: R. H. Busby
ELEV: 5513 DF.
TOPS: Log Sample
Coconino 735

WELL #: 2 State

DSTS. & CORES:
Crd 738-757, rec 19 sd,
w/silt & sh lams, wtr
wet. No tests.

SPUD: 2-25-62
TD: 757
CSG: None run

COMPL: 6-15-62
PB:

PERF:

BROD. ZONE:

INIT. PROD: D & A

Contr: J. H. Myers.

ARIZ-2-265221

PLUGGING RECORD

Operator R. H. Busby		Address Box 115, Megargel, Texas	
Name of Lease State		Well No. 2	Field & Reservoir Wildcat
Location of Well 2560 from WL & 2355' from SL		Sec-Twp-Rge or Block & Survey 36 19N 25E	County Apache
Application to drill this well was filed in name of R. H. Busby	Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day) Dry? Yes	
Date plugged: June 1962	Total depth 758'	Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls./day)	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging None	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.

CASING RECORD

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
None					

Was well filled with mud-laden fluid, according to regulations?
Yes

Indicate deepest formation containing fresh water.

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
Pat Paulsell	Navajo, Arizona	All directions

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.

Use reverse side for additional detail
File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the.....operator.....of the
R. H. Busby.....(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.

March 7, 1963
Date

R. H. Busby
Signature

**STATE OF ARIZONA OIL & GAS
CONSERVATION COMMISSION**

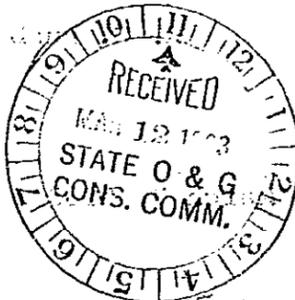
Form No. P-15 Plugging Record File two copies
Authorized by Order No. _____
Effective _____ April 2, _____ 1959



12

13

RECEIVED
 STATE O & G
 CONS. COMM.



APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
OPERATOR R. H. Busby ADDRESS Box 115, Megargel, Texas
LEASE State WELL NO. 2 COUNTY Apache
SURVEY 19N, 25E SECTION 36 DRILLING PERMIT NO. 190
LOCATION 8 miles southwest of Navajo, Arizona

TYPE OF WELL Dry hole TOTAL DEPTH 758'
ALLOWABLE (If Assigned) None
LAST PRODUCTION TEST OIL None (Bbls.) WATER None (Bbls.)
GAS (MCF) DATE OF TEST
PRODUCING HORIZON PRODUCING FROM TO
1. COMPLETE CASING RECORD None

2. FULL DETAILS OF PROPOSED PLAN OF WORK Plug

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS Immediately
NAME OF PERSON DOING WORK W. T. Myers ADDRESS 2113 Wisconsin St. NE
CORRESPONDENCE SHOULD BE SENT TO R. H. Busby

NAME R. H. Busby
TITLE Operator

Date Approved July 7, 1962
Oral
DKB

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
Form No. 15A File 2 Copies
Authorized by Order No. 4889
Effective April 6, 1955

1112 EIGHTH STREET

**PETRO-LAB
CORE SERVICE**
WICHITA FALLS, TEXAS

PHONE 322-2068

FN 190

May 31, 1962

Busby & Moffet
State Well No. 2
Coconina Sand
Apache County, Arizona

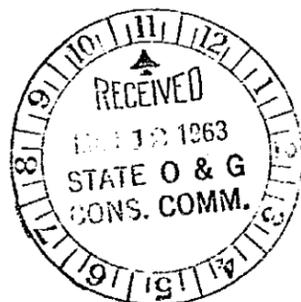
On May 26, 1962, the formation from 738 feet to 758 feet at this well was rotary cored with diamond coring equipment and a water base mud. A portion of core from each foot was submitted to our laboratory for analysis. Tabulated on the data sheet of this report are the results of our analysis and the requested crushed chloride measurements.

It was reported that this sand produces a gas which contains helium. The measured water saturations indicate an unusually high degree of flushing by the drilling fluid. The crushed chloride measurements reveal no significant change in the natural water content of the sand.

Very truly yours,

PETRO-LAB
CORE SERVICE

Jack R. Good
Jack R. Good



1112 EIGHTH STREET

WICHITA FALLS, TEXAS

PHONE 322-2066

PN 190

COMPANY Busby & Moffet INTERVAL CORED 738' to 758'
 LEASE State WELL NO. 2 CORE LOSS INTERVAL None
 LOCATION 2355° FSL, 2560° FWL, Sect. 36, FORMATION Coconina Sand
T-19-N, R-25-E TYPE OF CORE Rotary (diamond)
 COUNTY Apache STATE Arizona DATE CORED 5/26/62 ELEVATION 5510 G.
 REMARKS _____

CORE ANALYSIS DATA

SAMPLE NUMBER	DEPTH FEET	EFFECTIVE POROSITY %	PERMEABILITY MILLIDARCIES	SATURATION		Crushed Chloride ppm Cl	REMARKS
				OIL %	WATER %		
1	739	16.6	324.	0.0	98.3		
2	740	8.2	0.5	0.0	93.8		
3	741	8.2	0.4	0.0	95.0		
4	742	12.5	54.	0.0	93.0		
5	743	17.5	318.	0.0	89.9	32,842	
6	744	15.9	403.	0.0	98.6		
7	745	17.0	286.	0.0	95.2		
8	746	16.2	387.	0.0	97.9		
9	747	17.2	536.	0.0	89.7		
10	748	17.3	1144.	0.0	87.4		
11	749	16.4	1386.	0.0	94.0		
12	750	8.0	5.7	0.0	96.9		Vertical Fracture
13	751	10.2	5.1	0.0	92.7		
14	752	14.6	68.	0.0	90.2		
15	753	14.8	275.	0.0	97.8		
16	754	14.8	296.	0.0	98.0		Vertical Fracture
17	755	13.1	103.	0.0	93.0		
18	756	11.6	85.	0.0	97.8		
19	757	16.8	173.	0.0	95.7		
20	758	17.1	255.	0.0	97.8	29,927	

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR

R. H. Busby

DATE

June 6, 1962

Address

Box 115

City

Megargel

State

Texas

DESCRIPTION OF WELL AND LEASE

Name of lease

State

Well number

2

Elevation (ground)

5510

Well location

(give footage from section lines)

Section—township—range or block & survey

2560' from west line & 2355' from south line 36 19N 25E

Field & reservoir (If wildcat, so state)

Wildcat

County

Apache

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

8 miles southwest of Navajo, Arizona

Nearest distance from proposed location to property or lease line:

2355'

feet

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

None

feet

Proposed depth:

1000'

Rotary or cable tools

Rotary

Approx. date work will start

Immediately

Number of acres in lease:

640

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:

None

Name

Address

Status of bond

Blanket bond for \$10,000

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

None

* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **operator** of the

R. H. Busby (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.

June 6, 1962

Date

R H Busby

Signature

Permit Number: **190**

Approval Date: **June 11, 1962**

Approved By: *D. J. Jerome*

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

See Instruction on Reverse Side of Form

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

Application to Drill, Deepen or Plug Back

Form No. P-1

File two copies

Authorized by Order No.

4-6-59

Effective **April 6, 19 59**

190

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INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

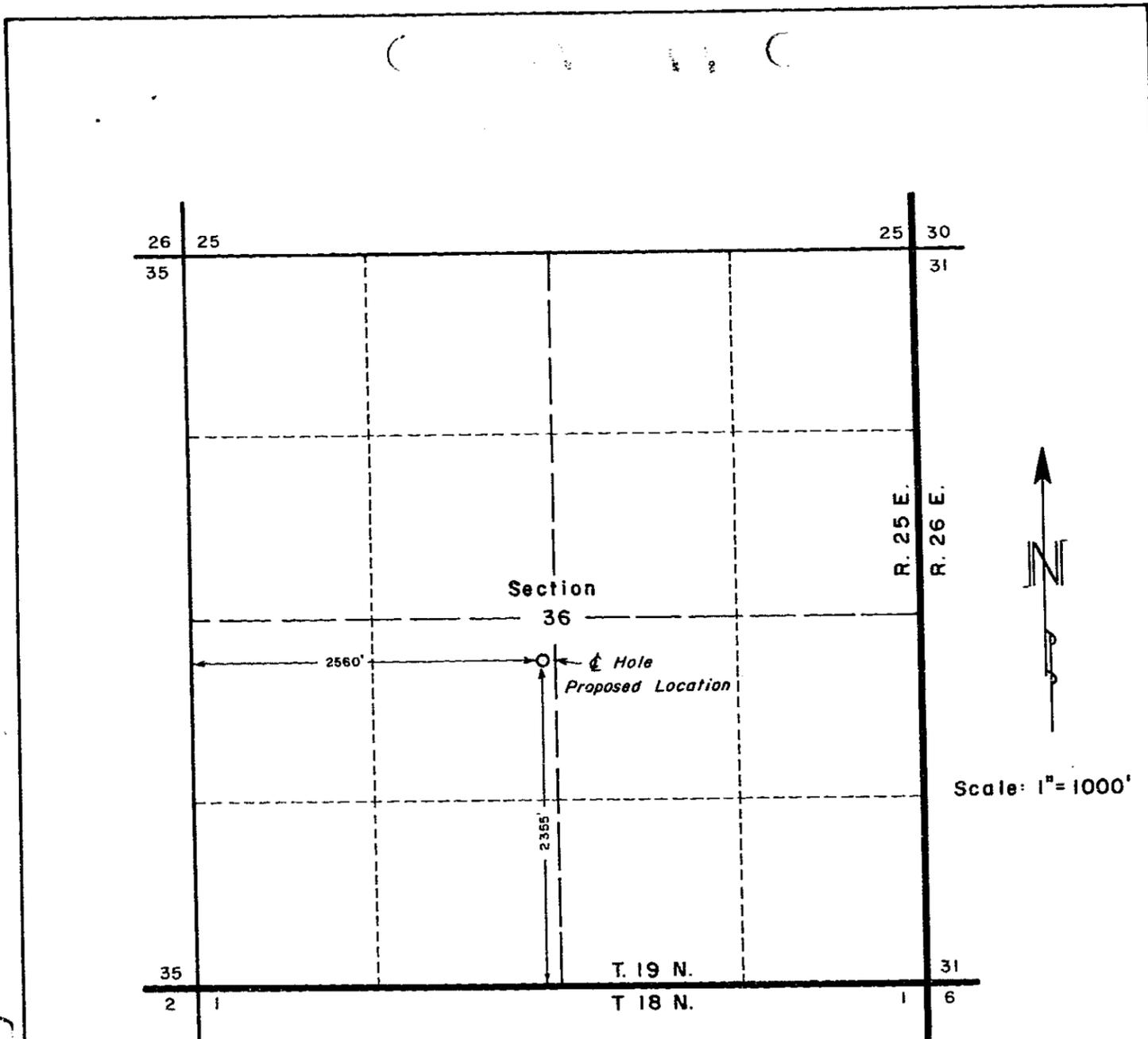
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
4 1/2"	9 1/2#	J-55	0	top of pay	Unknown	50

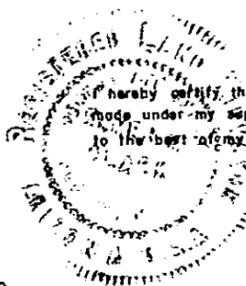
Form No. P-1

I WILL PROTECT ALL FRESH WATER STRATA.



WELL LOCATION: Busby - State # 2

Located 2355 feet North of the South line and 2560 feet East of the West line of Section 36,
 Township 19 North, Range 25 East, Gila & Salt River Meridian.
 Apache Co., Arizona
 Existing ground elevation determined at 5510 feet based on U.S.G.S. datum.



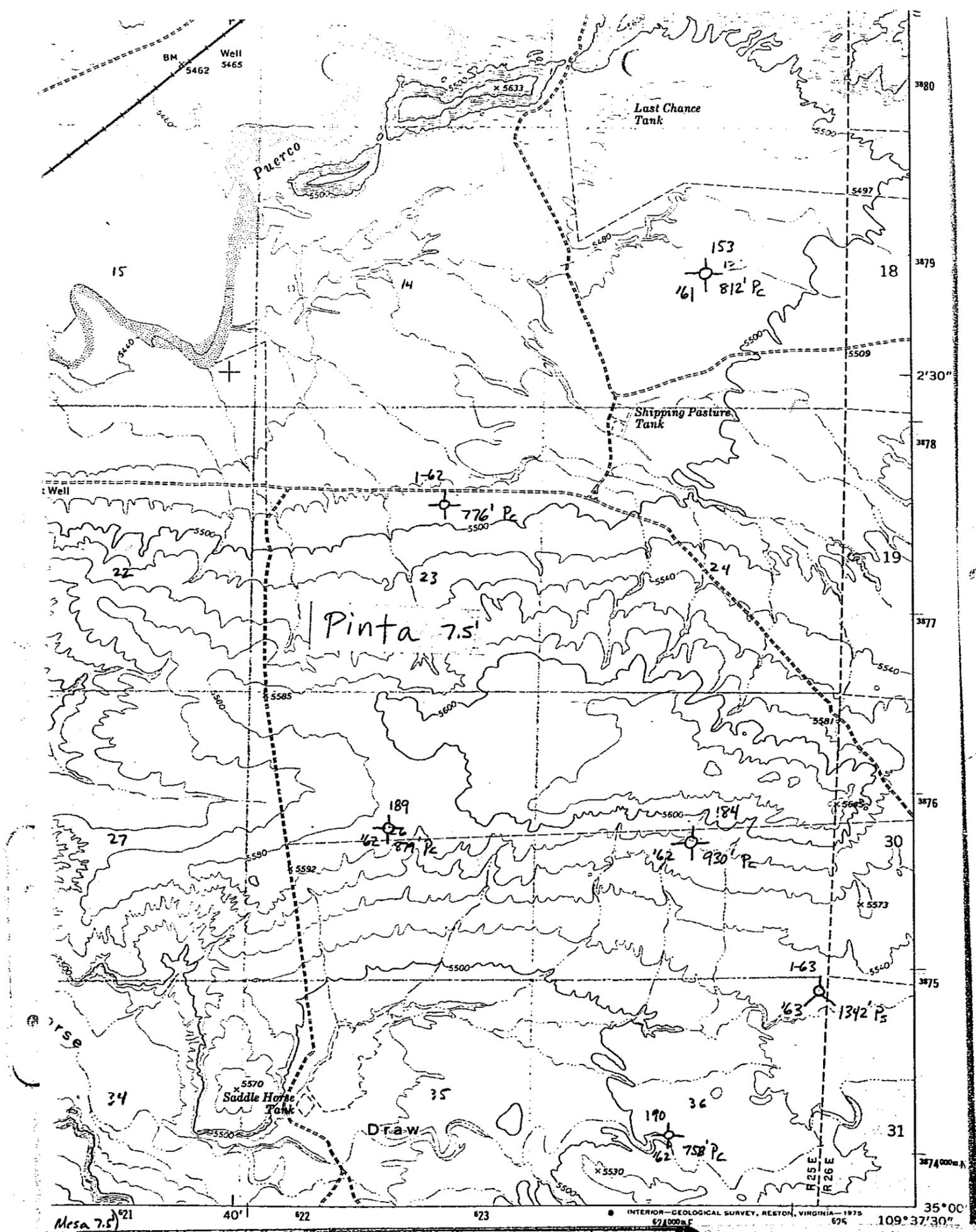
I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
 Registered Land Surveyor
 State of Ariz. # 4973

WELL LOCATION PLAT SW 1/4 Sec. 36, T 19 N R 25 E Apache Co., Arizona	
E.M. CLARK & ASSOC. Durango, Colorado	DATE: May 4, 1962 FILE NO: 62028

190



June 7, 1965

Mr. R. H. Busby
P. O. Box 115
Morgantown, Texas

Re: R. H. Busby State #1, SE/4-NW/4 26-T10N-R25E,
Apache County, Arizona, Permit 190
R. H. Busby State #2, NW/4 SE/4 36-T10N-R25E,
Apache County, Arizona, Permit 190

Dear Sir:

According to our files, captioned wells have been plugged.
In order that we may close our files, please furnish us with
Well Completion Reports.

Your earliest cooperation is very much appreciated.

Yours very truly,

John Bannister
Executive Secretary
cb

XXXXXXXXXX

March 20, 1964

The Robbins Company
Wichita National Building
Wichita Falls, Texas

Re: Blanket Oil and Gas Well Drilling Bond No. 56-07-634
Fidelity and Deposit Company of Maryland
R. H. Busby

Gentlemen:

The following wells covered by above referenced bond have been properly plugged and abandoned to meet the requirements of this Commission for release of the bond. Therefore bond is released as of this date.

1. R. H. Busby - Pat Paulsell #1, Center Section 25-T19N-R25E, Apache County, Arizona.
2. R. H. Busby - State #1, SE NW Section 26-T19N-R25E, Apache County, Arizona.
- ✓ 3. R. H. Busby - State #2, NE SW Section 36-T19N-R25E, Apache County, Arizona.

Very truly yours,

John K. Petty
Petroleum Geologist

JKP/mkc

Cc: Mr. R. H. Busby
Wegargel, Texas

PHONE LR 2-2571

P. O. BOX 118

R. H. BUSBY

Oil Producer
MCKENZIE, TEXAS

March 7, 1963

Mr. W. A. Ledwick
Oil and Gas Conservation Commission
State of Arizona
1024 West Adams
Phoenix 7, Arizona

Dear Mr. Ledwick:

Enclosed you will find plugging reports on our No. 1 and No. 3 State wells in Arizona. Also enclosed are core analyses and electric logs on these two wells and on the Paulsell well. I thought that this additional information might be worth something to you at some time.

We have not plugged the Paulsell well. We might have a use for this at some future date. We have set and cemented pipe in it and capped it and left it where we can go back in if we should desire to do so. I hope this information will be satisfactory to the State Department and want to thank you for any favors extended to me in the past. I hope to come back some time and drill some more wells in Arizona. I think there is a good possibility of finding something there if there are enough wells drilled.

With kindest regards,

Yours very truly,

R. H. Busby



RM/jp

Enclosures

January 24, 1963

Mr. E. M. Busby
P. O. Box 115
Haggraff, Texas

Re: State No. 1 - Sec. 25, T19N, R25E; State No. 2 - Sec. 25,
T19N, R25E; Pat Paulsall #1 - Sec. 25, T19N, R25 E - all
in Apache County, Arizona

Dear Mr. Busby:

You have heretofore filed application to plug and abandon the wells captioned above. We have not received a completion report or any plugging records on any of these wells.

To comply with the regulations of this commission, it will be necessary that you furnish these reports. A supply of these forms is enclosed for your use and we will appreciate receiving these completed forms at an early date.

Yours very truly,

H. A. Ludwick
Executive Secretary

cc:cc

August 14, 1962

Mr. R. M. Busby
Box 115
Margarit, Texas

Dear Mr. Busby:

In regards to your State #1 and State #2, Sections 26 and 36, T19N, R25E, Apache County, Arizona, you will find your application to abandon and plug approved. However, Myers, Jr., was in this office the other day and told me he had not installed the customary 4" pipe marker with the name and location of the well written or welded on it.

Also, you have approval to shut in your Paulsell #1, Section 25, T19N, R25E, Apache County.

Please send in your plugging records on these tests which will be approved as soon as the pipe markers are installed.

Yours truly,

John K. Petty
Petroleum Geologist

encc 3

June 14, 1962

Mr. R. H. Busby
P. O. Box 115
Megargel, Texas

Dear Mr. Busby:

Enclosed are your approved copies of application to drill the following wells:

State #1 - Sec. 36, 19N, 25E, Apache County
State #2 - Sec. 36, 19N, 25E, Apache County

Also enclosed is a receipt for your \$50.00 permit fees.

Even though you were given verbal approval to plug and abandon these tests, it is still necessary for you to fill in the application to plug and abandon and forward to this office for our approval. When you have received our approved copy, then we will need the plugging record.

We have been given to understand that you have drilled your Pat Paulsell #2. If this is correct, we need your application for permit to drill together with the \$25.00 permit fee.

If we may help in any way, please do not hesitate to call upon us.

Yours very truly,

B. A. Jerome
Executive Secretary

encl 2

June 4, 1962

Mr. R. H. Busby
P. O. Box 115
Megargel, Texas

Dear Mr. Busby:

We are returning your check in the amount of \$50.00 as it is made out to the State Land Department and it should be made out to the Arizona Oil and Gas Conservation Commission.

Also enclosed are the applications for permit to drill.

The assignment forms will be mailed to you from the State Land Department who handle leasing of State lands. I called them today with your request and the forms are forthcoming.

Yours very truly,

Helen M. Eremie
secretary to

D. A. Jerome
Executive Secretary

enc 1.

PHONE LO 3-3511

P. O. BOX 413

R. H. BUSBY

OIL PRODUCER
MEGARGEL, TEXAS

June 1, 1962

State Oil & Gas Conservation Service
State Land Department
3500 North Central
Phoenix, Arizona

Attention: D. A. Jerome

Dear Mr. Jerome:

We are enclosing our check in the amount of \$50.00 to cover permits to drill Busby - State #1 and #2, plats of which are attached hereto. We are unable to locate any forms to make application for these locations and will appreciate it very much if you will send us some application blanks by air mail so that we can expedite this matter.

Yours very truly,

R. H. Busby

RHB/jp

Enclosure