

P.W.

CONFIDENTIAL
Release Date 4-4-76



St. Joe American Exploration Corp. No. 3
NW/NW Sec 34-T18N-R25E, Apache Co. *1055*

Drill hole info confidential
for indefinite period of time.

7-9-75

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: St. Joe American Exploration Corp. Address: 2002 N. Forbes Blvd. #108 Tucson, AZ 85705

Federal, State or Indian Lease Number or name of lessor if fee lease: _____ Well Number: St. Joe 3 Field & Reservoir: Strat. Test

State: _____ Location: 50 FWL - 50 FNL County: Apache

Sec. TWP-Range or Block & Survey: Sec. 34, T18N, R25E

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or GP) feet	Elevation of casing hd. flange feet
<u>12/19/74</u>	<u>4/3/75</u>		<u>5775.741</u>	

Total depth	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
<u>1818'</u>		<u>none</u>	

Producing interval (s) for this completion	Rotary tools used (interval)	Cable tools used (interval)
<u>none</u>		<u>none</u>

Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed
<u>no</u>	<u>no</u>		

Type of electrical or other logs run (check logs filed with the commission)	Date filed
<u>Gamma Ray - Neutron</u>	<u>4/15/75</u>

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
	<u>7-5/8"</u>	<u>5-9/16"</u>	<u>14.6 lbs/ft</u>	<u>1678'</u>		<u>830'</u>

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		
<u>none</u>							

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	Gas prod. during test	Water prod. during test	Oil gravity
			bbbl.	MCF	none	" API (Corr)

Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbbl.	MCF	none	bbbl.

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

Strat. test

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the...Supervisor...Field Operations.....of the St. Joe American Exploration Corp.... (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: 4/15/75

Signature: *Charles T. ...*

RECEIVED

APR 8 1976

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Chinle	0	1222	Clay-shale
Coconino	1222	1508	Sandstone
Supai	1508	1818	Clay-shale, anhydrite & salts

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

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

Form No. 4

PLUGGING RECORD

Operator		Address	
Federal, State, or Indian Lease Number, or lessor's name if fee lease. State		Well No. 3	Field & Reservoir
Location of Well 50'FWL - 50'FNL		Sec-Twp-Rge or Block & Survey Sec. 34, T18N, R25E	County Apache
Application to drill this well was filed in name of St. Joe American Expl. Corp.	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: April 3, 1975	Total depth 818'	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

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
5-9/16"	1678'	830'	848'	Ripped at Joint	Cement plugs 0 to 30' 780 to 830' 1678 to 1818'

Was well filled with mud-laden fluid, according to regulations? **Yes** Indicate deepest formation containing fresh water. **Chinle 620' very minor**

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

Name	Address	Direction from this well:

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.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Supervisor/Field Operations of the St. Joe American Expl. Corp. (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.

May 28, 1975
Date

Charles T. Longshore
Signature
Charles T. Longshore

RECEIVED

MAY 28 1975

O & G CONSV. COMM.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Plugging Record
File One Copy

Permit No. 632 635

Form No. 10

APPLICATION TO ABANDON AND PLUG

FIELD _____

OPERATOR St. Joe American Expl. Corp. **ADDRESS** 2002 N. Forbes Blvd. Suite 108, Tucson, AZ

Federal, State, or Indian Lease Number _____ **WELL NO.** 3

or Lessor's Name if Fee Lease _____ **State** _____

LOCATION 50'FWL - 50'FNL Sec. 34, T18N, R25E Apache Co.

TYPE OF WELL Strat Test **TOTAL DEPTH** 1818'

(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) _____

LAST PRODUCTION TEST **OIL** None **(Bbls.)** **WATER** None **(Bbls.)**

GAS None **(MCF)** **DATE OF TEST** None

PRODUCING HORIZON None **PRODUCING FROM** _____ **TO** _____

1. COMPLETE CASING RECORD.

1490' of 5-9/16" casing put in well recovered 730'
 760' of casing left in hole from 760' to 1490'

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Cement plug from bottom of casing at 1678' to T.D. at 1818'
 Cement plug from top of casing at 830' back to 780'
 Cement plug from surface to depth of 30'
 Cement plug were placed as per telephone conversation with Mr. Allen of State Oil and Gas Comm.

DATE COMMENCING OPERATIONS April 3, 1975

NAME OF PERSON DOING WORK Whatley Drilling Co. **ADDRESS** 1512 W. Prince Rd., Tucson, AZ

Signature _____

Title _____

Address _____

Date _____

Date Approved 5-28-75

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: [Signature]

RECEIVED

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 File Two Copies

Form No. 9

Permit No. 633 635

MAY 28 1975

O & G CONS. COMM.

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

St. Joe American Exploration Corp.
NAME OF COMPANY OR OPERATOR

Suite 108, 2002 North Forbes Blvd., Tucson, Arizona 85705
Address City State

Copperstate Exploration Company
Drilling Contractor

Copperstate Exploration Company
Address 920 W. Wanda Vista, Tucson, Arizona

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor State Lease	Well number 3	Elevation (ground) 5777
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Nearest distance from proposed location to property or lease line: 50' FWL - 50' FNL feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: None feet
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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:
State Lease Name Address

Well location (give footage from section lines) 50' FWL - 50' FNL	Section—township—range or block and survey 34 T18N-R25E	Dedication (Comply with Rule 105) NA
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Field and reservoir (if wildcat, so state)
Mineral Test County
Apache

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

Proposed depth: 1500'	Rotary or cable tools Rotary	Approx. date work will start 12-15-74
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Bond Status state wide Amount 25,000	Organization Report On file Or attached X	Filing Fee of \$25.00 Attached X
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Remarks:
CONFIDENTIAL

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice-President of the St. Joe American Exploration Corporation (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.

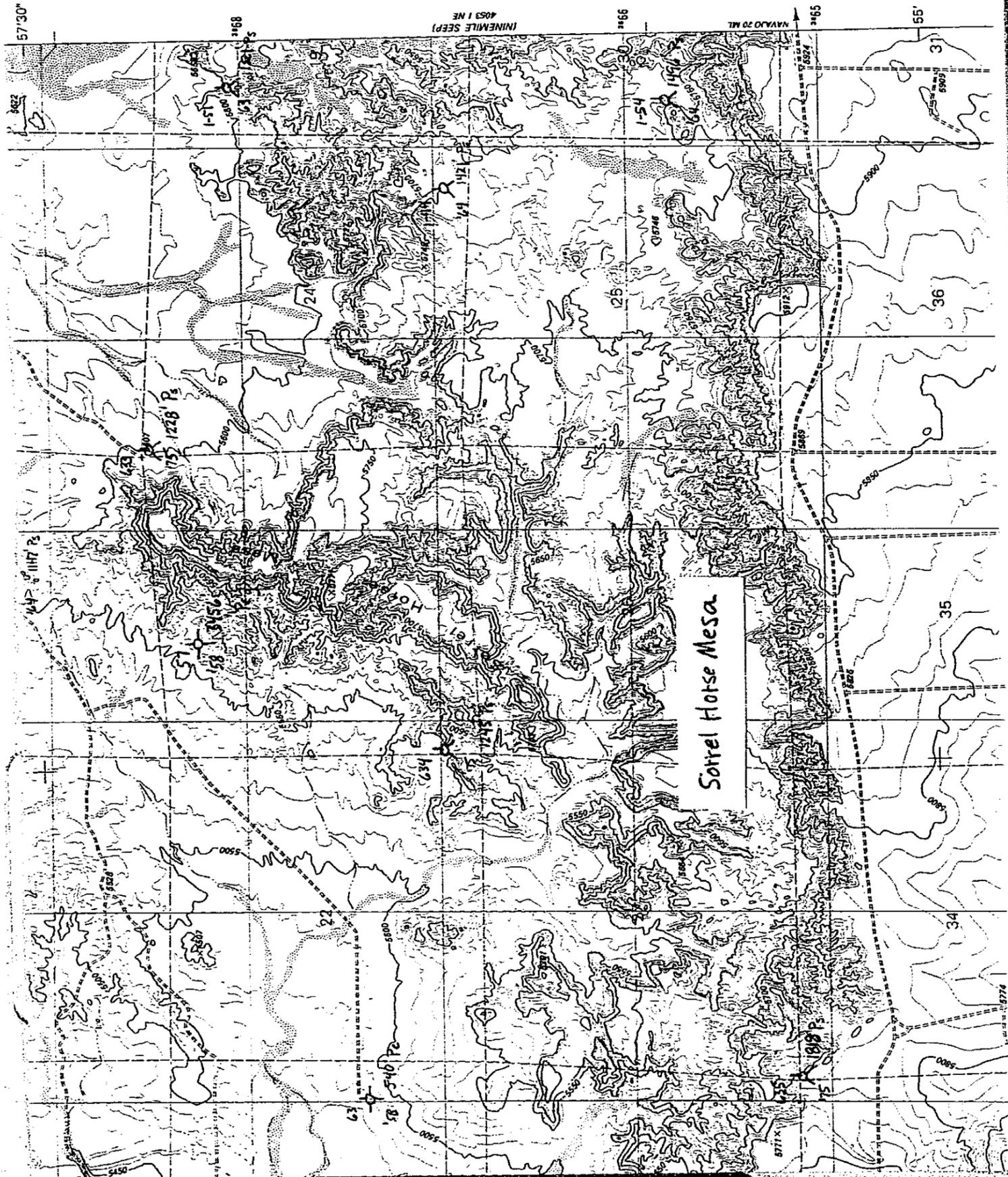
Wayne R. Wallace
Signature

Date

Permit Number: 635
Approval Date: 11-22-74
Approved By: *W.R. Wallace*

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

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies
Form No. 3



Sorrel Horse Mesa

(INNERMILE SEEP)
4053 1 NE

NAVAJO 20 MI

3



PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

ST. JOE AMERICAN EXPLORATION CORP.

To: _____
(OPERATOR)

to drill a well to be known as

ST. JOE AMERICAN EXPLORATION CORP. WELL NO. 3
(WELL NAME)

located **50' FWL - 50' FNL**
Section **34** Township **18N** Range **25E**, **Apache** County, Arizona.

The **NA** 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 **22nd** day of **November**, 19 **74**

OIL AND GAS CONSERVATION COMMISSION

By W.B. Allen
EXECUTIVE SECRETARY

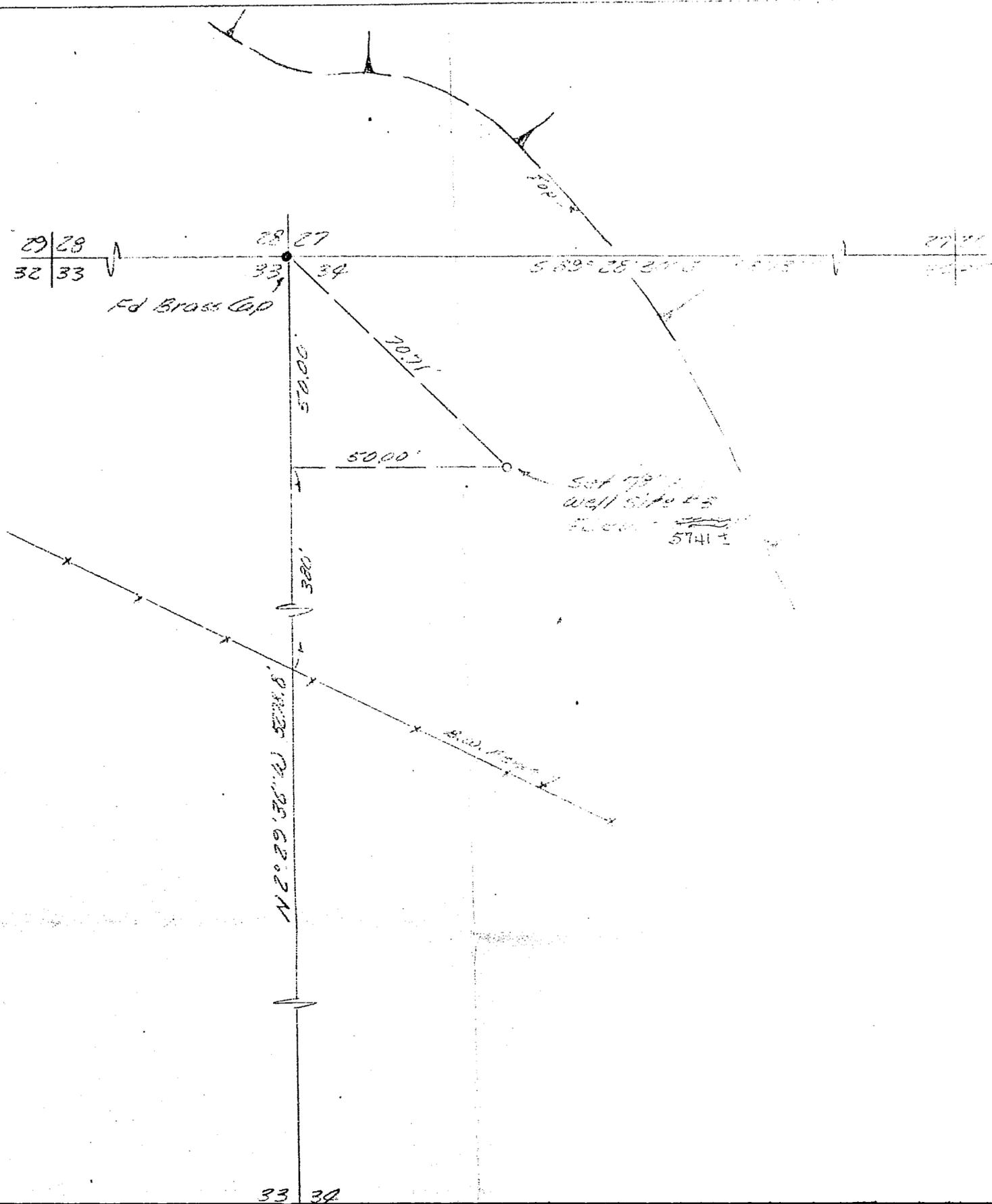
PERMIT No 635

RECEIPT NO. 0261
API NO. 02-001-20202
SAMPLES ARE REQUIRED

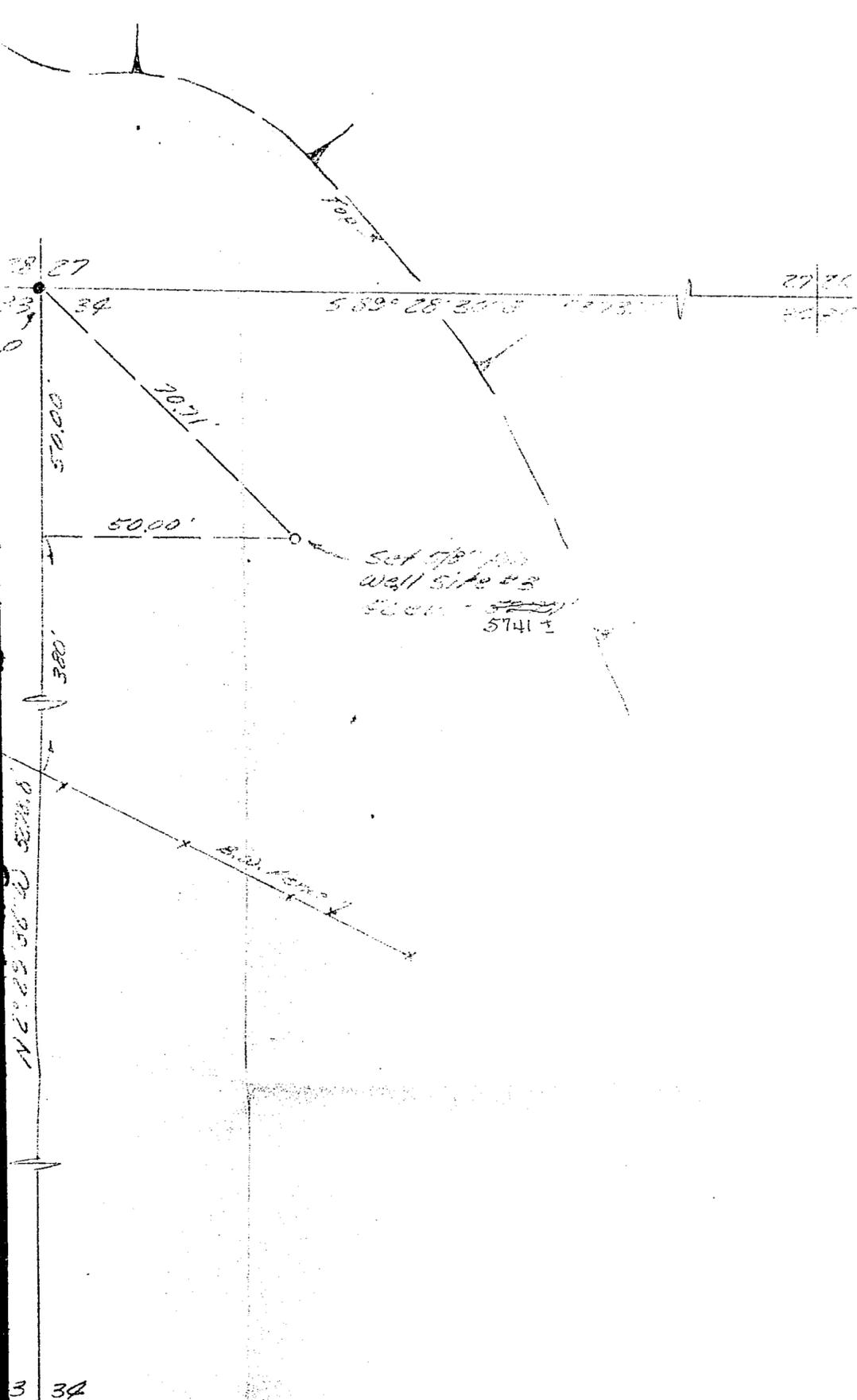
FORM NO. 27

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

#635



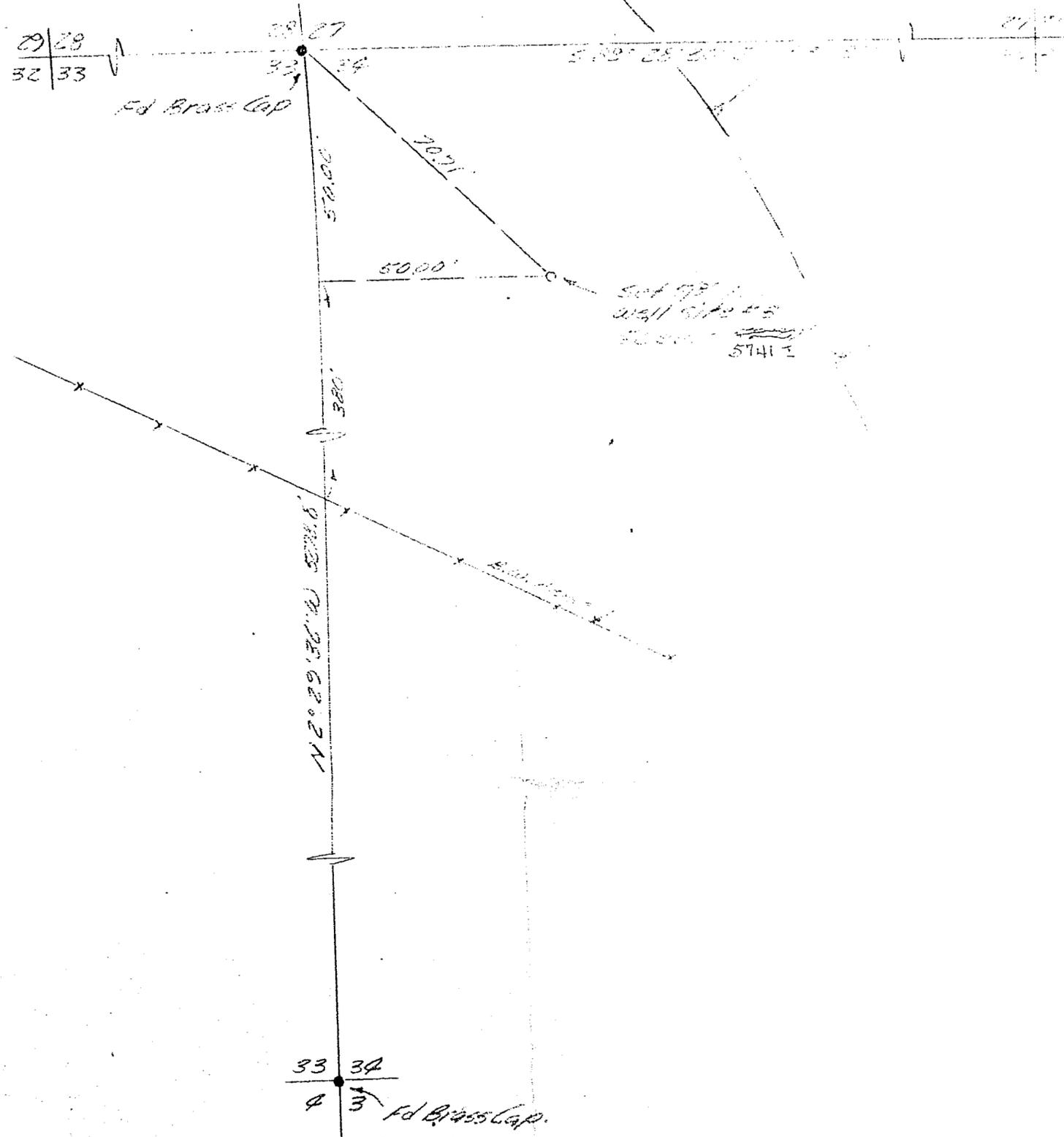
[Faint handwritten notes, possibly describing the survey or site details.]



LOCATION FOR
 well site #3, located in Sec. 34,
 T19N, R25E, Y&S R. 25th Apache
 County, Arizona.

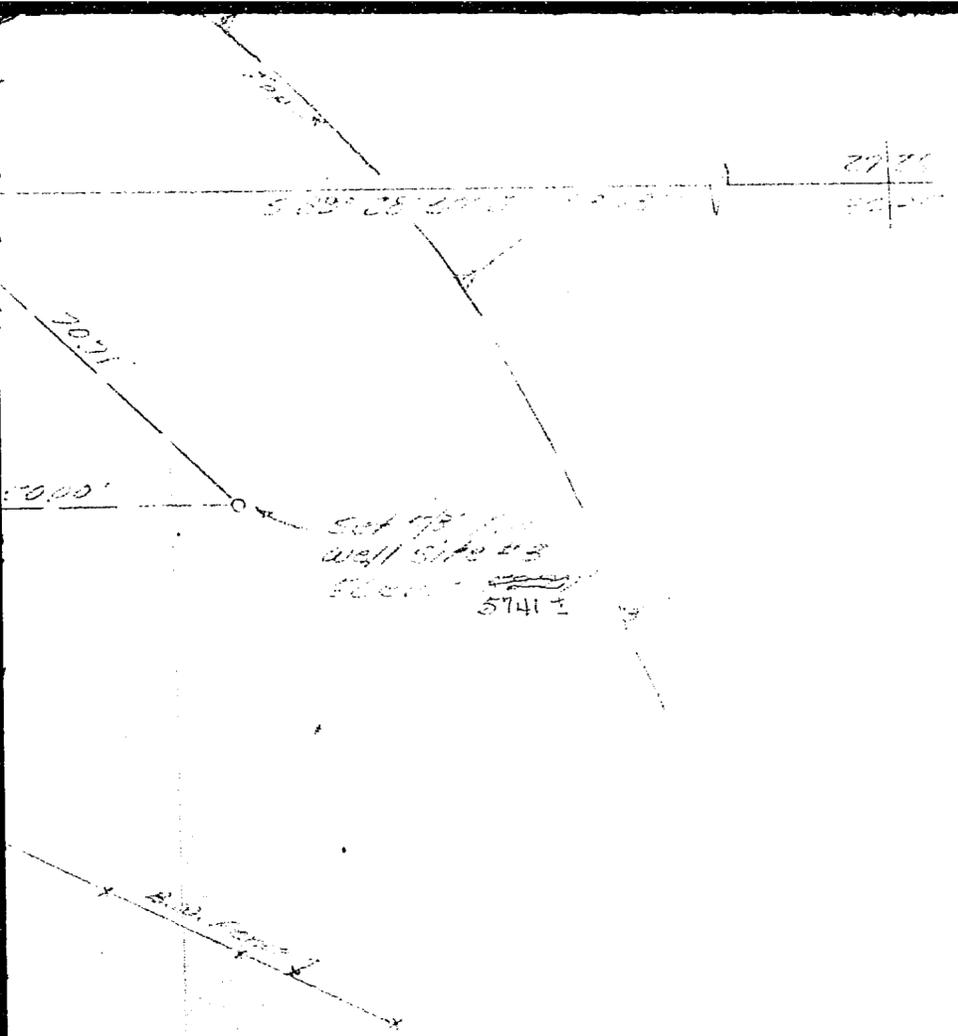
well site was to be used as
 well as within 10'

SE. Corporation, No. 3
 NM/NW Sec 34-118N-R25E, Apache Co



Set 98
 Well 512 45
 5741'

This is a copy of the
 original survey map
 and is not to be used
 for any other purpose



Section 34

NOV 11

LOCATION OF
Well site #3, located in Sec. 34,
T18N, R25E, S12E, Apache
County, Arizona.

The well site was located as
shown on these maps within 10'

old Brass Cap.

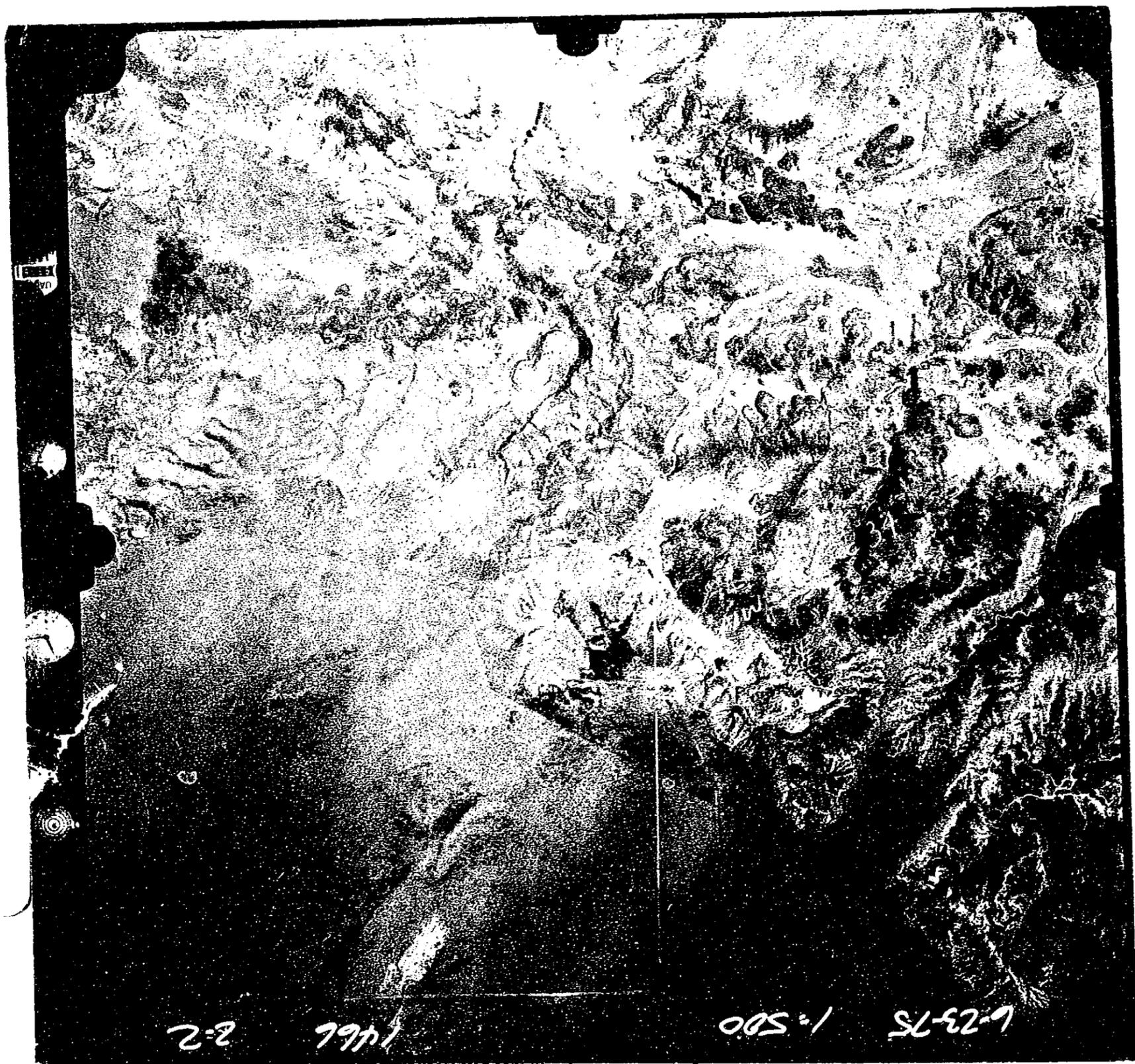
Surveyors Certificate
This is to certify that this Survey was
made by me or under my direction during
the month of Nov. 1974



Sam Lee Kuger
Sam L. Kuger 250430

#635

St. ... ion Corp. No. 3
NW/4 Sec 34-T18N-R25E, Apache Co. AZ



2-2

1466

1:500

6-23-75

April 9, 1976

Ms. Kay Waller
Petro-Well Libraries, Inc.
150 Security Life Building
1616 Glenarm Place
Denver, CO 80202

RE: APRIL CURRENT FILE MATERIAL

Dear Kay:

Enclosed you will find the following current material for April:

DATA: St. Joe American Exploration Corporation Well No. 3

St. Joe American Exploration Corporation Well No. 4

LOGS; Gamma Ray-Neutron - for the two wells listed above.

Thank you.

Saralee Lorenzo (Mrs.)
Secretary

sl

Encls.



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA

~~XXXXXXXXXXXX~~ 8686 N Central
PHOENIX, ARIZONA ~~85013~~ Suite 106, 85020
PHONE: (602) 271-5161

March 31, 1976

Mr. Wayne K. Wallace
2002 North Forbes Blvd.
Suite 108
Tucson, AZ 85705

RE: St. Joe American Exploration Corp. #3 St. Joe American Exploration Well #6
NW/NW Sec 34-T18N-R25E, Apache County NW/NW Sec 6, T17N, R26E, Apache County
Permit #635 Permit #642

St. Joe American Exploration Corp. #4 St. Joe American Exploration Well #8
NW/NW Sec. 4-T17N, R25#, Apache County SE/SE Sec 10, T17N, R25E, Apache County
Permit #636 Permit #650

St. Joe American Exploration Corp. #5 St. Joe American Exploration Well #9
NW/NW Sec. 14-T17N-R25E, Apache County NW/NW Apache County, Sec 16, T17N, R25E
Permit #641 Permit #652

Dear Mr. Wallace:

A check of our files indicate that we need certain information on the above referenced wells. We are attaching a list of wells with the information that is needed for each one.

We would appreciate if you would forward this information to this office at your earliest convenience.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/sl
Encl.

Page 2
Letter of March 31, 1976

RE: Additional references

St. Joe American Exploration Corp. Well No. 1
NW/NW Sec 24, T18N, R25E, Apache County
Permit #633

St. Joe American Exploration Corp. Well No. 2
NW/NW Sec 26, T18N, R25E, Apache County
Permit #634

	<u>Plugging Report</u>	<u>Completion Report</u>	<u>Samples</u>	<u>Electric logs</u>	<u>Application to Plug</u>
St. Joe #3, Permit #635		X	X		
St. Joe #4, Permit #636		X	X		
St. Joe #5, Permit #641		X	X		
St. Joe #6, Permit #642			X		
St. Joe #8, Permit #650		X	X	X	
St. Joe #9, Permit #652		X	X	X	X
St. Joe #2, Permit #634			X		X
St. Joe #1, Permit #633			X		X



WA

ST. JOE
MINERALS CORPORATION
2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

RECEIVED
JUL 9 1975
O & G CONS. COMM.

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

July 8, 1975

RECEIVED
JUL 9 1975
O & G CONS. COMM.

Mr. Bill Allen
State of Arizona
Oil & Gas Conservation Commission
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Mr. Allen:

Please keep all drill hole information in our files confidential for an indefinite period of time. Thank you.

Sincerely,

Charles T. Longshore
Charles T. Longshore *jsb*

pb
cc: W. K. Wallace

635

February 19, 1975

Mr. Charles T. Longshore
St. Joe American Exploration Corp.
Suite 108, 2002 N. Forbes Blvd.
Tucson, Arizona 85705

Re: St. Joe Well No. 1
NW/NW Sec 24-T18N-R25E
Apache Co., Permit #633

Dear Chuck:

We need the completion report, plugging report and logs that you have run on the above referenced well.

Since I have not heard from you on the plugging of your No. 3 well, I assume that you are still having difficulties with this hole.

It will be appreciated if you would forward the above requested information to this office as soon as possible.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.

January 10, 1975

Mr. Jim Webster
Photogrammetry & Mapping Services
Highway Division
Department of Transportation
1739 W. Jackson, Room 61
Phoenix, Arizona 85007

Re: Well Site Photographs

Dear Mr. Webster:

Attached is a copy of Application to Drill for the St. Joe American
Exploration Corporation Well No. 3, Permit No. 635. The well was
spudded December 20, 1974.

Very truly yours,

Mrs. Rhema Brandt
Secretary to W. E. Allen
Director, Enforcement Section

/rlb

Enc.

November 22, 1974

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permits were issued since November 20, 1974.

St. Joe American Exploration Corp.
Well No. 1, NW/NW Sec 24-T18N-R25E
Apache County, Permit No. 633

St. Joe American Exploration Corp.
Well No. 2, NW/NW Sec 26-T18N-R25E
Apache County, Permit No. 634

St. Joe American Exploration Corp.
Well No. 3, NW/NW Sec 34-T18N-R25E
Apache County, Permit No. 635

St. Joe American Exploration Corp.
Well No. 4, NW/NW Sec 4-T17N-R25E
Apache County, Permit No. 636

Very truly yours,

Rhema L. Brandt
Secretary to W. E. Allen
Director, Enforcement Section

/rlb

November 22, 1974

Charles T. Longston
~~Mr. Wayne K. Wallace~~
St. Joe American Exploration Corp.
Suite 108, 2002 N. Forbes Blvd.
Tucson, Arizona 85705

Re: St. Joe Well No. 1
NW/NW Sec 24-T18N-R25E
Apache Co., Permit #633

St. Joe Well No. 2
NW/NW Sec 26-T18N-R25E
Apache Co., Permit #634

St. Joe Well No. 3
NW/NW Sec 34-T18N-R25E
Apache Co., Permit #635

St. Joe Well No. 4
NW/NW Sec 4-T17N-R25E
Apache Co., Permit #636

Dear Mr. Wallace:

Enclosed please find Receipt No. 0261 covering your \$100 filing fee for the above referenced wells. Also enclosed are your applications for Permit to Drill and Permit to Drill Nos. 633, 634, 635 and 636.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.