

CONFIDENTIAL

Release Date _____

St. Joe American No. 10 *501a*
SE/SE Sec 4, T18N, R26E
Apache Co. *679*

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 Corporation Address: 2002 N. Forbes Blvd. Suite 108 Tucson, AZ
 Federal, State or Indian Lease Number or name of lessor if fee lease: Well Number: St. Joe 10 Field & Reservoir: Strat Test
 State: County: Apache
 Location: 50' FSL & 50' FEL
 Sec. TWP-Range or Block & Survey: Sec. 4, T18N, R26E

Date spudded 6/23/77	Date total depth reached 7/3/77	Date completed, ready to produce 7/3/77	Elevation (DE - RFL, RT or @) feet 5690'	Elevation of casing hd. Range feet
Total depth 1380'	P.B.T.D.	Single, dual or triple completion? None	If this is a dual or triple completion, furnish separate report for each completion. NO	
Producing interval (s) for this completion None		Rotary tools used (interval) 0-1380 Core 1260-1380	Cable tools used (interval) None	
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed? None	Date filed N/A	
Type of electrical or other logs run (check logs filed with the commission) Gamma Ray-Neutron			Date filed July 6, 1977	

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
	6 3/4"	4"	9.5	1260'	None	1260'

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: 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 bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)
Tubing pressure	Casing pressure	Cal'd rate of Pro-duction per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

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 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.

Date: July 6, 1977 Signature: *Charles T. [unclear]*

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O & G CONS. COMM.

Printed No 679

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 6 File One Copy

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description
Chinle	0	848	Interbedded shales and sandstone, green to brown.
Coconino	848	1158	Light buff sandstone
Supai	1158	1380 T.D.	Chocolate brown shales, sandstone, anhydrite and salts

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

PLUGGING RECORD

Operator St. Joe American Corporation		Address 2002 N. Forbes Blvd. Suite 108			
Federal, State, or Indian Lease Number, or lessor's name if fee lease. State		Well No. St. Joe 10	Field & Reservoir		
Location of Well 50' FSL & 50' FEL		Sec-Twp-Rge or Block & Survey Sec. 4, T18N, R26E		County Apache	
Application to drill this well was filed in name of St. Joe	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: July 3, 1977	Total depth 1380'	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	
Chinle				0' to 50' Cement Plug	
Chinle		0 to 848'		800' to 860' Cement Plug	
Coconino	Salt Water	848' to 1158'			
Supai		1158' to 1380 T.D.		1155' to 1380' Cement Plug	
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
4"	1260'	1260'	None	Pulled	None
Was well filled with mud-laden fluid, according to regulations? Yes			Indicate deepest formation containing fresh water. None		
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 <u>Field Supervisor</u> of the <u>St. Joe American Corporation</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.					
Date July 6, 1977	RECEIVED		<i>[Signature]</i>		
	JUL 7 1977				
Permit No. 679	O & G CONS. COMM.		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy		
			Form No. 10		

APPLICATION TO ABANDON AND PLUG

FIELD _____

OPERATOR St. Joe American Corporation **ADDRESS** 2002 N. Forbes Blvd. Suite 108
 Federal, State, or Indian Lease Number Tucson, AZ 85705
 or Lessor's Name if Fee Lease State **WELL NO.** St. Joe 10

LOCATION 50' FSL & 50' FEL SE/SE Sec. 4, T18N, R26E Apache County

TYPE OF WELL Strat Test **TOTAL DEPTH** 1380'
(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 No **PRODUCING FROM** No **TO** No

1. COMPLETE CASING RECORD.

4" casing to 1260'
 All casing removed

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O & G CONS. COMM.

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Cement plug 1155' to 1380' T.D.
 Cement plug 800' to 860' top of Coconino
 Cement plug 0' to 50'
 Hole filled with heavy mud-laden fluid between plugs

DATE COMMENCING OPERATIONS June 23, 1977

NAME OF PERSON DOING WORK Shelton Drilling Co. **ADDRESS** P.O. Box 583, Phoenix, AZ

Signature *Charles T. Long*

Title Field Supervisor

St. Joe American Corporation 2002 N. Forbes Blvd.
 Address Tucson, AZ 85705

July 6, 1977
 Date

Date Approved _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: _____

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

Form No. 9

Permit No. 679

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR **St. Joe American Corporation**
 2002 N. Forbes Blvd., Tucson Arizona 85705
Address City State

Shelton Drilling Company
Drilling Contractor
 P.O. Box 583, Phoenix, AZ 85001
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor State lease	Well number 10	Elevation (ground) 5670'
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Nearest distance from proposed location to property or lease line: 50' FSL - 50' FEL feet	Distance from proposed location to nearest drilling, completed or applied--for well on the same lease: NA feet
---	--

Number of acres in lease: 640	Number of wells on lease, including this well, completed in or drilling to this reservoir: 0
---	--

If lease, purchased with one or more wells drilled, from whom purchased:
 Name **State lease** Address

Well location (give footage from section lines) 50' FSL - 50' FEL	Section--township--range or block and survey 4 T18N R26E	Dedication (Comply with Rule 105) NA
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Field and reservoir (if wildcat, so state) Mineral test	County Apache
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Distance, in miles, and direction from nearest town or post office:
21 miles southwest of Navajo

Proposed depth: 1500'	Rotary or cable tools Rotary	Approx. date work will start 6/22/77
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Bond Status Statewide	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>
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Remarks:
Confidential

CONFIDENTIAL

Release Date
Vice President

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the _____ of the **St. Joe American 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.

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JUN 22 1977

D & G CONS. COMM.

Wm. F. Walker
 Signature

June 21, 1977

Date

Permit Number: **679**
 Approval Date: **6-22-77**
 Approved By: *W.F. Walker*

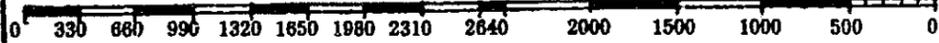
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Application to Drill or Re-enter
 File Two Copies

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

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

Owner State	Land Description																
<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>																	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name _____</p> <p>Position _____</p> <p>Company _____</p> <p>Date _____</p> <p>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.</p> <p>Date Surveyed <u>4/19/77</u></p> <p>Registered Professional Engineer and/or Land Surveyor <u>Troy Baldwin</u></p> <p>Certificate No. <u>7334</u></p>



PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
3½"	9 lbs	black, iron type	3½"	3½"	50' 50' 200'	50+



PERMIT TO DRILL

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

To: ST. JOE AMERICAN CORPORATION
(OPERATOR)

to drill a well to be known as

St. Joe American No. 10
(WELL NAME)

located 50' FSL & 50' FEL SE/SE

Section 4 Township 18N Range 26E, Apache Co. County, Arizona.

The N/A 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 22 day of June, 1977.

OIL AND GAS CONSERVATION COMMISSION

By W. B. Allen
EXECUTIVE SECRETARY

Receipt No. 914
API No. 02-001-20229

PERMIT N^o 679

RECEIPT NO. 914

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

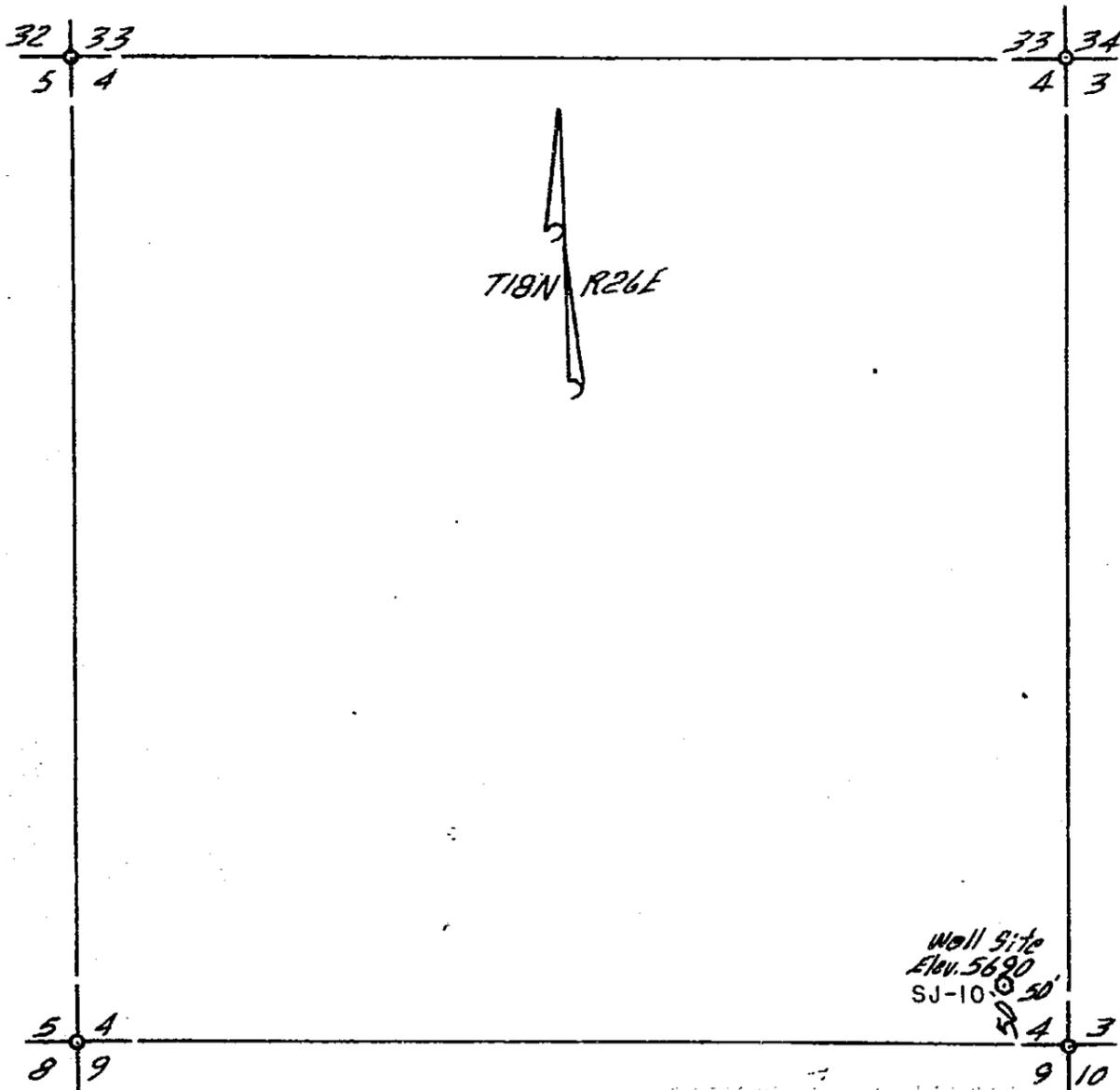
Baldwin Surveying Company

TROY BALDWIN — REGISTERED LAND SURVEYOR

Box 186

Holbrook, Arizona 86025

Phone 524-2373



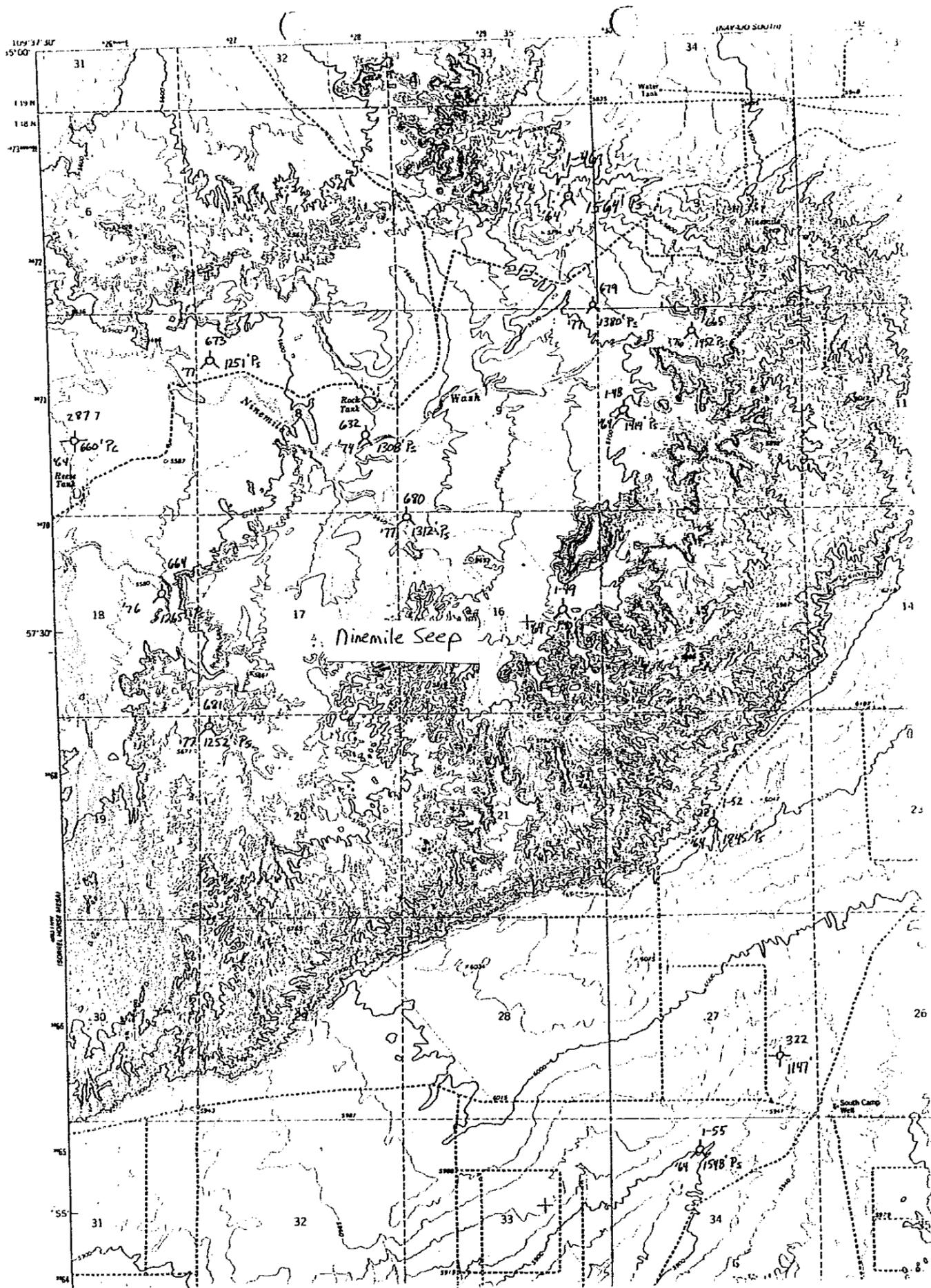
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JUN 22

D.B.A. CONS. COMM.

WELL SITE LOCATION
For: St. Joe Mineral Corp.
Tucson, Ariz.







OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 271-5161

November 29, 1977

Mr. Charles Longshore
St. Joe American Corporation
202 N. Forbes Boulevard, Suite 108
Tucson, Arizona 85705

Re: St. Joe American No. 10, SE/SE/4 Sec. 4, T18N, R26E
St. Joe American No. 11, NW/NW/4 Sec. 16, T18N, R26E
St. Joe American No. 12, NW/NW/4 Sec. 20, T18N, R26E
St. Joe American No. 13, NE/NE/4 Sec. 12, T18N, R25E

Dear Chuck:

When you submitted Form 4, Completion Report, on the above referenced wells, you failed to indicate the formation tops on the reverse side of these forms. A copy of each form is enclosed.

Also, the samples that you have delivered to us aren't a complete set. For instance, on your Well No. 10, the TD was 1380' and the samples were from 0 to 1250'; on No. 11 the TD was 1312', the samples were from 0 to 1160'; on No. 12 the TD was 1252', the samples were from 0 to 1130'; and on No. 13 the TD was 1182', the samples were from 0 to 1080'.

We are aware you ordinarily core the last several feet of these holes but you are aware that this Commission requires core samples where cores are taken.

It will be appreciated if you will furnish us formation tops and also the additional samples or core chips or an explanation for the difference in TD's and depth of samples.

Very truly yours,

Bill
W. E. Allen
Director
Enforcement Section

WEA/vb
Enc.

ST. JOE

AMERICAN CORPORATION

2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

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O & G CONS. COMM.

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

July 6, 1977

Mr. Bill Allen
Oil & Gas Conservation Comm.
1645 W. Jefferson, Suite 420
Phoenix, AZ 85007

Dear Mr. Allen:

Progress Report: Drill Hole St. Joe No. 10

St. Joe No. 10 was spudded on June 23, 1977 and completed July 3, 1977. The hole was drilled 6½" dia. to a depth of 1260', then cased with 4" casing. Continuous core was cut from 1260' to 1380'. The casing was pulled and hole plugged with cement from 1155' to 1380', 800' to 860' and 0 to 50'.

Formations encountered were Chinle, 0 to 848'; Coconino, 848' to 1158'; and Supai, 1158' to 1380'. Lost circulation in the Coconino sandstone and reaction on the drilling fluid indicate that salt water was present.

Sincerely,



Charles T. Longshore

pb

679

June 27, 1977

St. Joe Minerals Corporation
2002 N. Forbes Boulevard
Suite 108
Tucson, Arizona 85705

Gentlemen:

Enclosed please find approved copies of Application to
Drill for wells No. 10, 11 and 12, Drilling Permits No.
679, 680 and 681, and receipt for your check of \$75.00.

Very truly yours,

W. E. Allen
Director
Enforcement Section

/vb

Enc.

THE ATTACHED CHECK IS IN PAYMENT OF THE ITEMS LISTED BELOW. PLEASE DETACH BEFORE DEPOSITING.

Check No. 3456 dated 6/20/77 in the amount of \$75.00 paid to Oil & Gas
Conservation Commission for 3 application to drill permits.

ST. JOE AMERICAN CORPORATION

TUCSON, ARIZONA 85705