

CONFIDENTIAL

Release Date _____

St. Joe American No. 11 *State*
NW/NW Sec 16, T18N, R26E
Apache Co. 680

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**

Federal, State or Indian Lease Number or name of lessor if fee lease **St. Joe 11** Well Number **St. Joe 11** Field & Reservoir **Strat Test**

Location **NW/NW 225' FWL - 50' FNL** County **Apache**

Sec. TWP-Range or Block & Survey **Sec. 16, T18N, R26E**

Date spudded **7/5/77** Date total depth reached **7/11/77** Date completed, ready to produce **7/12/77** Elevation (DP, RMB, RT or Gr.) **5645** Elevation of casing hd. Range **None**

Total depth **1312'** P.B.T.D. **None** Single, dual or triple completion? **None** If this is a dual or triple completion, furnish separate report for each completion. **None**

Producing interval (s) for this completion **0-1312' Core 1172-1312'** Rotary tools used (interval) **None** Cable tools used (interval) **None**

Was this well directionally drilled? **NO** Was directional survey made? **NO** Was copy of directional survey filed? **NA** Date filed **NA**

Type of electrical or other logs run (check logs filed with the commission) **Gamma Ray-Neutron** Date filed

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 1/2"	4	9.5	1172'	None	1172'

TUBING RECORD

LINER RECORD

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

7/13/77
Date

[Signature]
Signature

Form No. 680

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

DETAIL OF FORMATIONS PENETRATED

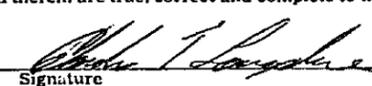
Formation	Top	Bottom	Description*
Chinle	0	770	Interbedded shales & sandstone, green to brown.
Coconino	770	1125	Light buff sandstone
Supai	1125	1312 T.D.	Chocolate brown shales, sandstone, anhydrite & salts.

* Show all important notes of permeability, 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 this Well Completion or Recompletion report. This 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 11	Field & Reservoir		
Location of Well NW/NW 225' FWL - 50' FNL		Sec-Twp-Rge or Block & Survey Sec. 16, T18N, R26E		County Apache	
Application to drill this well was filed in name of St. Joe American Corporation	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: 7/12/77	Total depth 1312'	Amount well producing when plugged:			
		Oil (bbls/day) NA	Gas (MCF/day) NA	Water (bbls/day) NA	
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 770'		0 to 50' Cement plug	
Chinle		0 to 770'		725 to 775 Cement plug	
Coconino	Salt water	770 to 1125'			
Supai		1125 to 1312 T.D.		1125 to 1312 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"	1172'	1172'	None	Pulled	None
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JUL 15 1977					
O & G CONS. COMM.					
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>Supervisor - Field Operations</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 7/13/77		Signature 			
Permit No. 680			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 _____
 or Lessor's Name if Fee Lease _____ State _____ **WELL NO.** 11

LOCATION NW/NW 225' FWL - 50' FNL Sec. 16, T18N, R26E

TYPE OF WELL Strat Test **TOTAL DEPTH** 1312'
(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 1172'
 All casing removed.

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JUL 15 1977
 O & G CONS. COMM.

2. FULL DETAILS OF PROPOSED PLAN OF WORK.

Cement plug 1125 to 1312' T.D.
 " " 725 to 775' Top of Coconino 770'
 " " 0 to 50' Surface
 Hole filled with heavy mud-laden fluid between plugs.

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JUL 15 1977
 O & G CONS. COMM.

DATE COMMENCING OPERATIONS 7/11/77

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

Signature _____
 Supervisor, Field Operations

Title _____
 2002 N. Forbes Blvd. Suite 108, Tucson, AZ 85705

Address _____
 7/13/77

Date _____

Date Approved 7-15-77
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. 680

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

St. Joe American Corporation

NAME OF COMPANY OR OPERATOR

2002 N. Forbes Blvd. Suite 108 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	Well number 11	Elevation (ground) 5645'
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Nearest distance from proposed location to property or lease line: 225' FWL - 50' FNL feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: NA 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: 0
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If lease, purchased with one or more wells drilled, from whom purchased:	Name State lease	Address
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Well location (give footage from section lines) 225' FWL - 50' FNL	Section—township—range or block and survey 16 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 7/2/77
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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

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

RECEIVED

JUN 22 1977

O & G CONS. COMM.

W. F. Williams
Signature

June 21, 1977

Date

Permit Number: 680
Approval Date: 6-22-77
Approved By: *W. F. Williams*

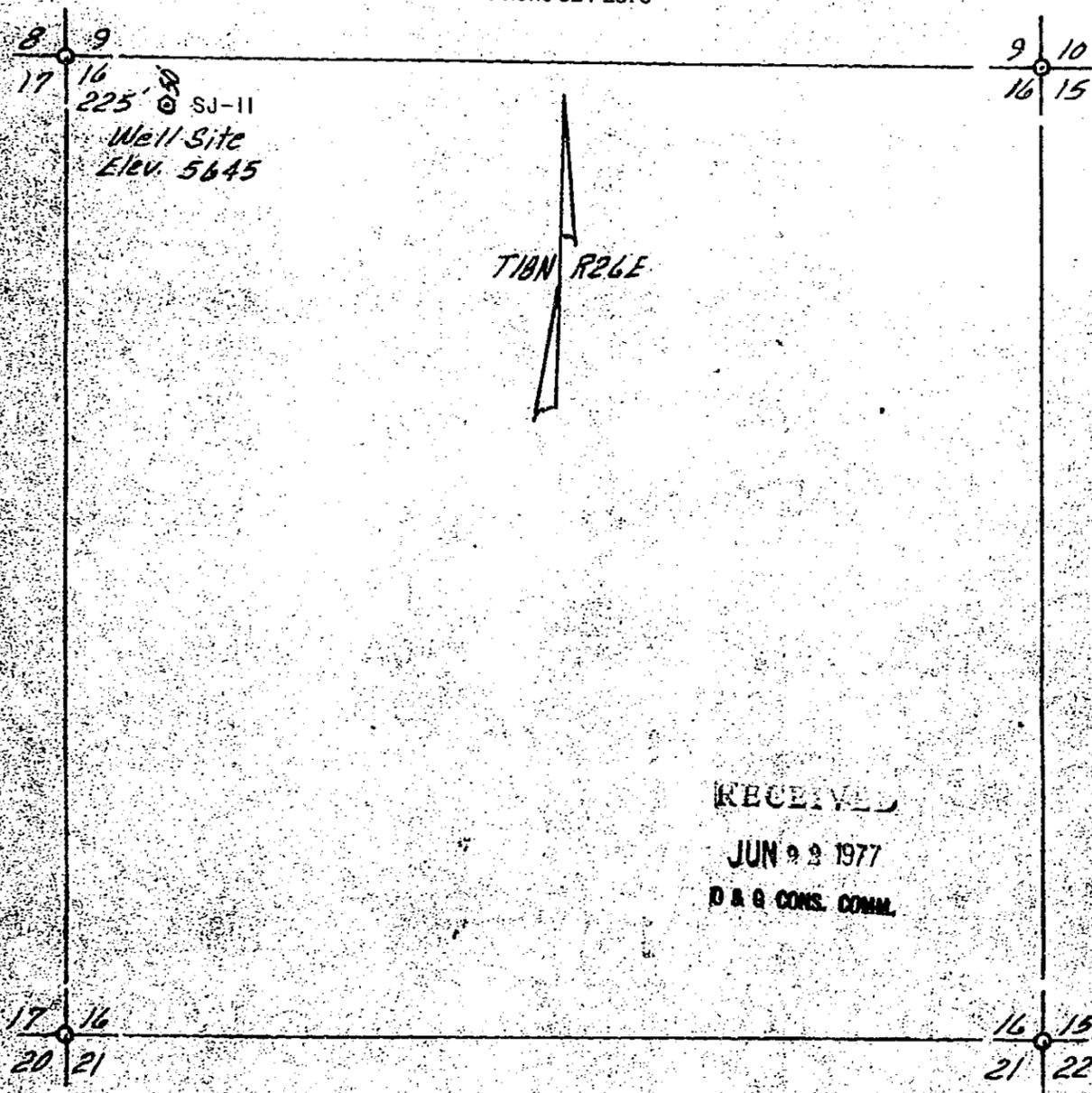
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

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

Baldwin Surveying Company

TROY BALDWIN — REGISTERED LAND SURVEYOR
Box 186
Holbrook, Arizona 86025
Phone 524-2373

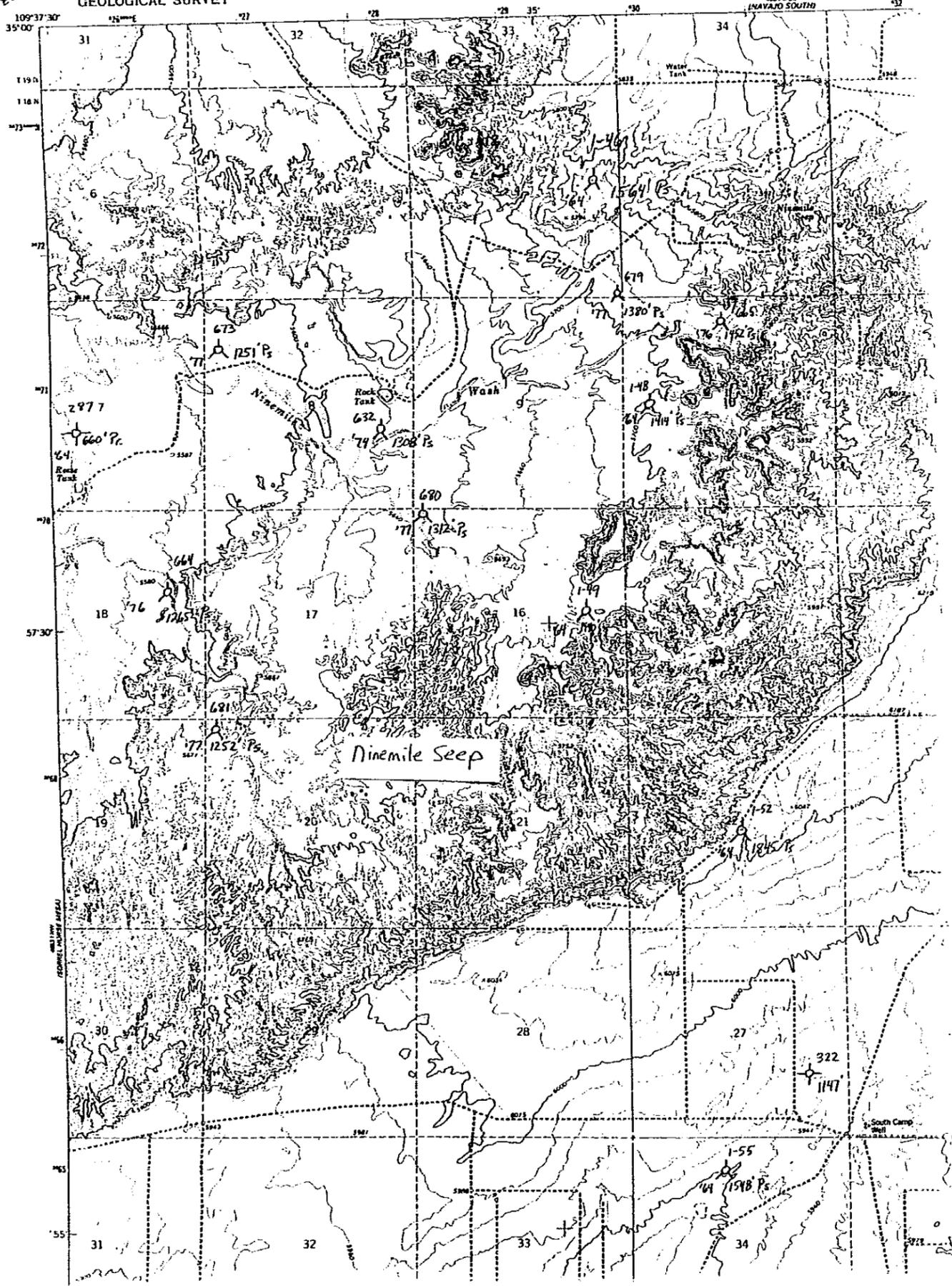


RECEIVED
JUN 9 1977
D & G CONS. COMM.

WELL SITE LOCATION
For: St. Joe Minerals Corp.
Tucson, Ariz.
RECEIVED
JUN 9 1977
D & G CONS. COMM.



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY





PERMIT TO DRILL

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

To: ST. JOE AMERICAN CORPORATION
(OPERATOR)

to drill a well to be known as

St. Joe American No. 11
(WELL NAME)

located NW/NW 225' FWL & 50' ENL

Section 16 Township 18N Range 26E, Apache 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, 19 77.

OIL AND GAS CONSERVATION COMMISSION

By W. O. O'Leary
EXECUTIVE SECRETARY

W

PERMIT No 680

RECEIPT NO. 914
API No. 02-001-20230

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27



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.

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.

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