

PW

CONFIDENTIAL

Release Date _____



ST. JOE AMERICAN EXPLORATION WELL #5
NW/NW Sec 12-T17N-R25E, Apache Co 64T

COUNTY Apache AREA 21^{mi}S of Navajo, AZ LEASE NO. State

WELL NAME St. Joe American Exploration Corporation - No. 5 *State*

LOCATION NW/NW SEC 12 TWP 17N RANGE 25E FOOTAGE 50' FWL 50' FNL

ELEV 5763 GR KB SPUD DATE 5-2-75 STATUS P&A TOTAL DEPTH 1543'
 COMP. DATE 5-21-75

CONTRACTOR Shelton Drilling Company

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
<u>4 1/2"</u>	<u>1363'</u>		<u>pulled 1363'</u>	<u>x</u>			<u>P&A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Chinle</u>	<u>0</u>		<u>X</u>	
<u>Coconino</u>	<u>949'</u>			
<u>Supai</u>	<u>1247'</u>			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>GRN</u>			SAMPLE DESCRP. SAMPLE NO. <u>1758</u> CORE ANALYSIS DSTs

REMARKS	APP. TO PLUG	PLUGGING REP.	COMP. REPORT
	<u>x</u>	<u>x</u>	<u>x</u>

WATER WELL ACCEPTED BY _____

BOND CO. Federal Insurance Company *filed in 1/2/82* BOND NO. 80634846
 BOND AMT. \$ 25,000 CANCELLED 12-1-82 DATE 11-12-74
 FILING RECEIPT 0344 LOC. PLAT x WELL BOOK x PLAT BOOK x
 API NO. 02-001-20208 DATE ISSUED 4-1-75 DEDICATION NA

PERMIT NUMBER 641 **CONFIDENTIAL**

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: State: Well Number: St. Joe 5 Field & Reservoir: Strat Test

Location: 50 FWL - 50 FNL County: Apache

Sec. TWP-Range or Block & Survey: Sec. 12, T17N, R25E

Date spudded: 5-2-75 Date total depth reached: 5-18-75 Date completed, ready to produce: Elevation (DF, REB, RT or Gr.): 5763 Elevation of casing hd. Range: feet

Total depth: 1543' P.B.T.D.: Single, dual or triple completion?: none If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: none Rotary tools used (interval): Cable tools used (interval): none

Was this well directionally drilled? no Was directional survey made? no Was copy of directional survey filed? Date filed:

Type of electrical or other logs run (check logs filed with the commission): Gamma Ray - Neutron Date filed: 6/5/75

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	Am't. pulled
	6-3/4"	4 1/2"	5.6	1363'		1373'

TUBING RECORD

LINER RECORD

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

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
none				

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: 6/5/75 Signature: *Charles T. ...* RECEIVED

APR 8 1976

Permit No. 641	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File One Copy
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DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Chinle	0	949	Clay-shale
Coconino	949	1247	Sandstone
Supai	1247	1543 T.D.	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 and Gas Conservation Commission not later than thirty days after project completion.

PLUGGING RECORD

Operator St. Joe American Exploration Corporation		Address 2002 N. Forbes Blvd. Suite 108 Tucson, AZ		
Federal, State, or Indian Lease Number, or lessor's name if fee lease.		Well No. 5	Field & Reservoir	
Location of Well 50' FWL - 50' FNL		Sec-Twp-Rge or Block & Survey Sec. 12 T17N, 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: May 21, 1975	Total depth 1539.9	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
4 1/2"	1363'	1363'	None	Pulled	Cement plug 0 to 30', 900 to 950', 1300 to 1539.9'

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:

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 CONS. COMM.

Permit No. 633-635-641

Form No. 10

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

Plugging Record
File One Copy

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 _____ or Lessor's Name if Fee Lease _____ State Lease _____ WELL NO. 5
LOCATION 50' FWL - 50' FNL Sec. 12 T17N, R25E Apache County

TYPE OF WELL Strat. Test TOTAL DEPTH 1539.9'
(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 None TO

1. COMPLETE CASING RECORD.

4 1/2" casing run to depth of 1363'
Recovered all.

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Cement plug from 1300' to 1539.9'
Cement plug from 900' to 950'
Cement plug from surface to 30'

DATE COMMENCING OPERATIONS May 20, 1975
NAME OF PERSON DOING WORK Joe Shelton ADDRESS P.O. Box 583 Phoenix, AZ 85001

Signature _____
Title _____
Address _____
Date _____

Date Approved 5-28-75
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: *Wall*

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

Permit No. 633 535 641

RECEIVED

MAY 20 1975

O & G CONS. COMM.

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

St. Joe American Exploration Corporation
NAME OF COMPANY OR OPERATOR

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

Drilling Contractor

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

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor <u>State Lease</u>	Well number <u>5</u>	Elevation (ground) <u>5763.0</u>
Nearest distance from proposed location to property or lease line: <u>50' FWL - 50' FNL</u> feet	Distance from proposed location to nearest drilling completed or applied—for well on the same lease: <u>None</u> feet	
Number of acres in lease: <u>640</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>1</u>	
If lease, purchased with one or more wells drilled, from whom purchased: <u>State Lease</u>		
Well location (give footage from section lines) <u>50' FWL - 50' FNL</u>	Section—township—range or block and survey <u>Sec. 12, T17N, R25E</u>	Dedication (Comply with Rule 105) <u>NA</u>
Field and reservoir (if wildcat, so state) <u>Mineral Test</u>	County <u>Apache</u>	
Distance, in miles, and direction from nearest town or post office <u>21 miles south of Navajo, Arizona</u>		
Proposed depth: <u>1500'</u>	Rotary or cable tools <u>Rotary</u>	Approx. date work will start <u>March 26, 1975</u>
Bond Status <u>State wide</u> Amount <u>25,000</u>	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks:

Confidential

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

RECEIVED

MAR 31 1975

O & G CONS. COMM.

Wayne K. Waller
Signature

Date

Permit Number: 641
Approval Date: 4-1-75
Approved By: W. K. Waller

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

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
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 _____
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description																
<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></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 _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p>

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

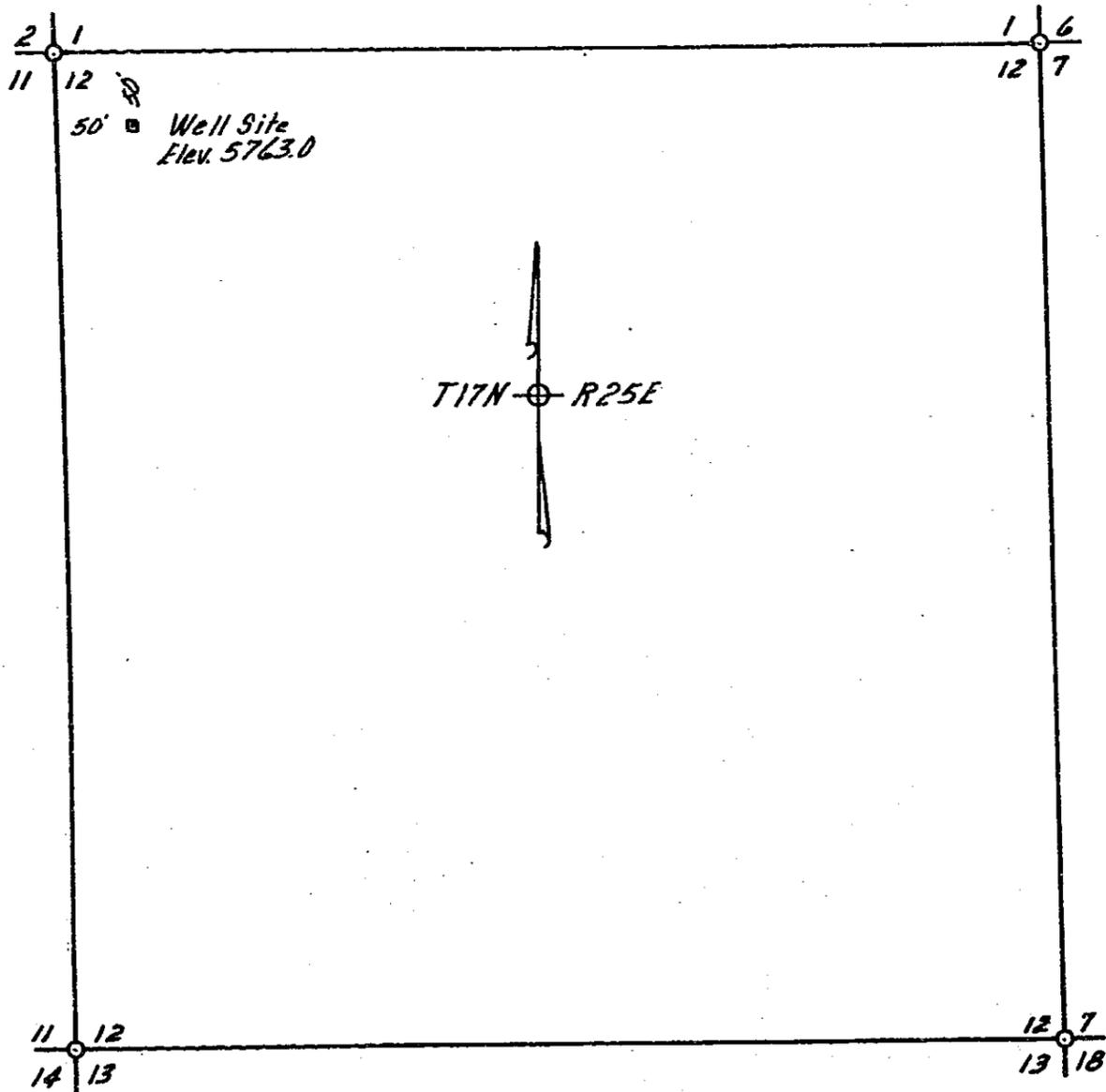
PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
4½"	9½ lbs.	J.55			1500'	3

Baldwin Surveying Company

TROY BALDWIN — REGISTERED LAND SURVEYOR

156 W. Buffalo
Holbrook, Arizona 86025
Phone 524-6550



WELL SITE LOCATION

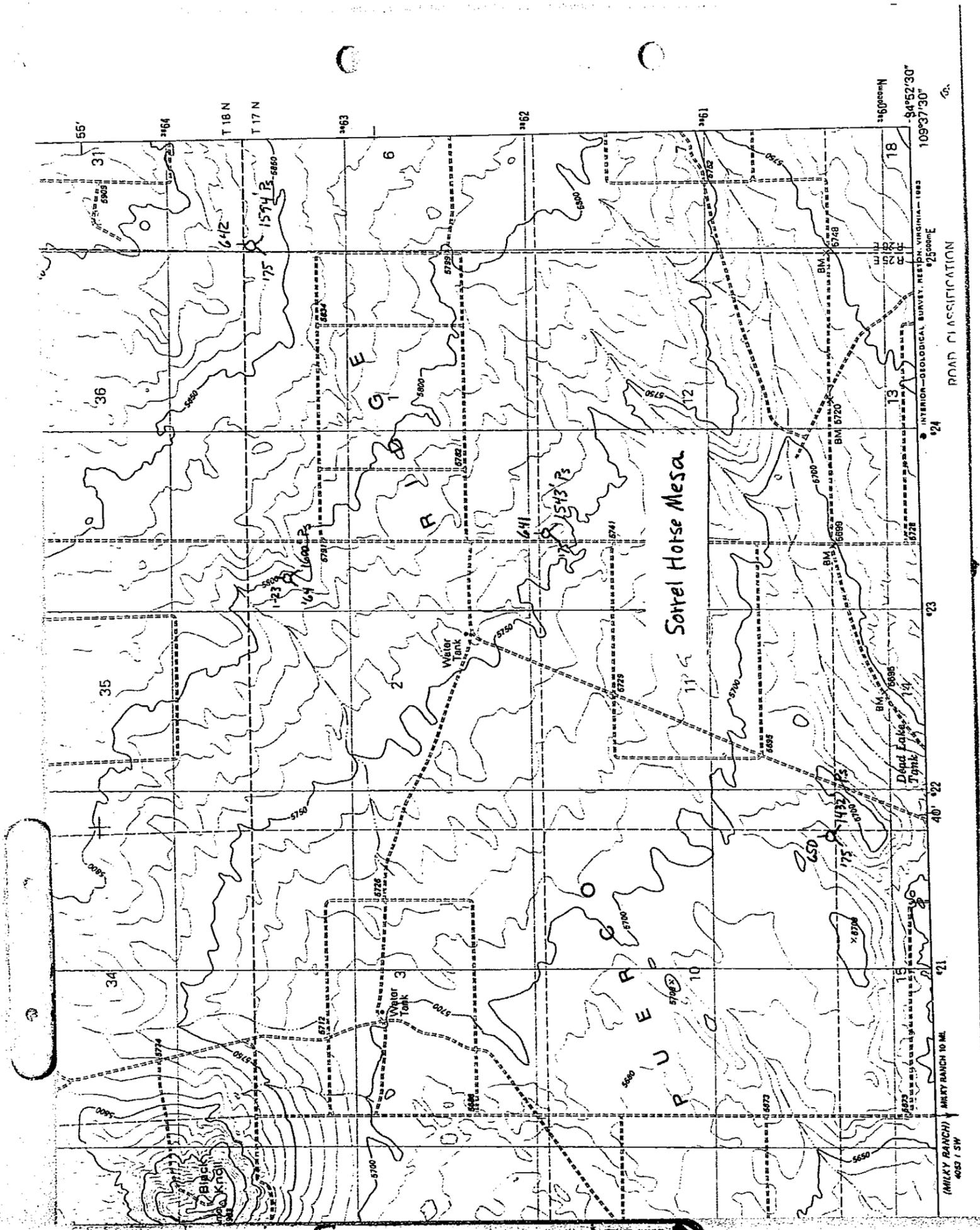
St. Joe American Exploration Corp.
Tucson, Arizona

RECEIVED

MAR 31 1975

O & G CONS. COMM.







PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: ST. JOE AMERICAN EXPLORATION CORPORATION
(OPERATOR)

to drill a well to be known as

ST. JOE AMERICAN EXPLORATION CORPORATION WELL NO. 5
(WELL NAME)

located 50' FWL - 50' FNL

Section 12 Township 17N 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 1st day of April, 1975.

OIL AND GAS CONSERVATION COMMISSION

By W. B. Allen
EXECUTIVE SECRETARY

PERMIT N^o 641

RECEIPT NO. 0344
API NO. 02-001-20208

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

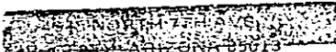
SAMPLES ARE REQUIRED



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA



8686 N. CENTRAL, SUITE 105
PHOENIX, ARIZONA 85020

PHONE: (602) 271-5161

June 15, 1976

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

Re: June Current Material

Dear Kay:

Enclosed you will find the following material for May and June.

DATA: Completion reports and miscellaneous reports of the following wells:

Duval Corporation, Nos. 54, 55, 56.
St. Joe American Exploration Corp. Well No. 5
Morton Bros. Inc. Well No. 8-1
Webb Resources, Inc. NMAL No. 30-1
Webb Resources, Inc. NMAL NO. 25-1

LOGS: Duval Corporation, GRN on Well Nos. 54, 55 & 56
St. Joe American, GRN on Well No. 5
Morton Bros. Well No. 8-1, F-Log, Comp. Neutron- Formation
Density, Laterlog, Mud Log & Strip Log.
Webb Resources, Inc. Well No. NMAL 30-1, Acoustilog, Laterolog.
Webb Resources, Inc. Well No. 25-1, Densilog, Dual Induction-
Focused Log.

Thank you.

W. E. Allen

(64)



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 NW/NW Sec 34-T18N-R25E, Apache County Permit #635	St. Joe American Exploration Well #6 NW/NW Sec 6, T17N, R26E, Apache County Permit #642
St. Joe American Exploration Corp. #4 NW/NW Sec. 4-T17N, R25E, Apache County Permit #636	St. Joe American Exploration Well #8 SE/SE Sec 10, T17N, R25E, Apache County Permit #650
St. Joe American Exploration Corp. #5 NW/NW Sec. 14-T17N-R25E, Apache County Permit #641	St. Joe American Exploration Well #9 NW/NW Apache County, Sec 16, T17N, R25E 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
St. Joe #1, Permit #633			X		

WA

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

CI

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 *pb*

pb
cc: W. K. Wallace

64

April 1, 1975

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

Dear Mrs. Ratcliff:

The following permit was issued this date:

St. Joe American Exploration Corp.
Well No. 5
NW/NW Sec 12-17N-25E
Apache County, Permit No. 641

And

St. Joe American Exploration Corp.
Well No. 6
NW/NW Sec 6-17N-26E
Apache County, Permit No. 642

Very truly yours,

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

/rlb

April 1, 1975

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

Re: St. Joe American No. 5
NW/NW Sec 12-17N-25E
Apache County
Permit No. 641

St. Joe American No. 6
NW/NW Sec 6-17N-26E
Apache County
Permit No. 642

Dear Chuck:

Enclosed please find Receipt No. 0344 covering your \$50 filing fee
for the above referenced wells. Also enclosed are your applications
for Permit to Drill Nos. 641 and 642.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.