Subsequent Report of Abandonment
Plugged & Abandoned 7-21-65

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	CPB
Entered On S R Sheet		Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed 12-27-61 Location Inspected PWB

OW ✓ WW ____ TA ____ Bond released State of Fee Land ____

GW ____ OS ____ PA ____

LOGS FILED

Driller's Log 1-8-62

Electric Logs (No.) 3

E ____ I ____ E-I ____ GR ____ GR-N ____ Micro ____

Lat ✓ Mi-L 2 ✓ Sonic ✓ Others ____

Temperature Survey Log

FORM 9 9-4

9 / 5
DATE

TO: The State of Utah Oil and FLOOR NO.
Gas Conservation Commission Attn: Cleon B.
REMARKS Feight: Please advise by collect Western
Union wire approval to spud this well.

FROM R. V. Speer Jr.

Phoned Mr. Speer verbal approval gave 8/11/61 4:40 P.M. RLS

SHELL OIL COMPANY

Post Office Box 1200
Farmington, New Mexico

September 5, 1961

Subject: Salt Wash Field
(Our White Wash Area)
Pan American Suniland
State Well No. 1
Grand County, Utah
(Shell's Colorado Fuel and
Iron Corporation Lease - 11645)

Oil and Gas Conservation Commission
State of Utah
310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

In accordance with the General Rules and Regulations and Rules of Practice and Procedure, which were made effective September 29, 1955 and revised July 9, 1957, Shell Oil Company as the Lessee of a fee lease (Colorado Fuel and Iron Corporation, Lessor) located in Section 16, T. 23 S., R. 17 E., S.L.M., Grand County, Utah (land map attached showing said fee lease), is agreeable toward the drilling of Pan American Petroleum Corporation's proposed Suniland State Well No. 1, which is to be located 820 feet from the east line of said Section 16 and 1801 feet from the south line of said Section 16, and hereby waives the requirement for Notice of Hearing for Pan American's proposed location.

Our waiver in this instance does not indicate that we are committed to a program of development of this field in the pattern set out by Pan American's first Salt Wash discovery well and then this well. However, we feel that additional drilling information is necessary to evaluate the discovery of the Salt Wash Field, and accordingly make this waiver for this purpose.

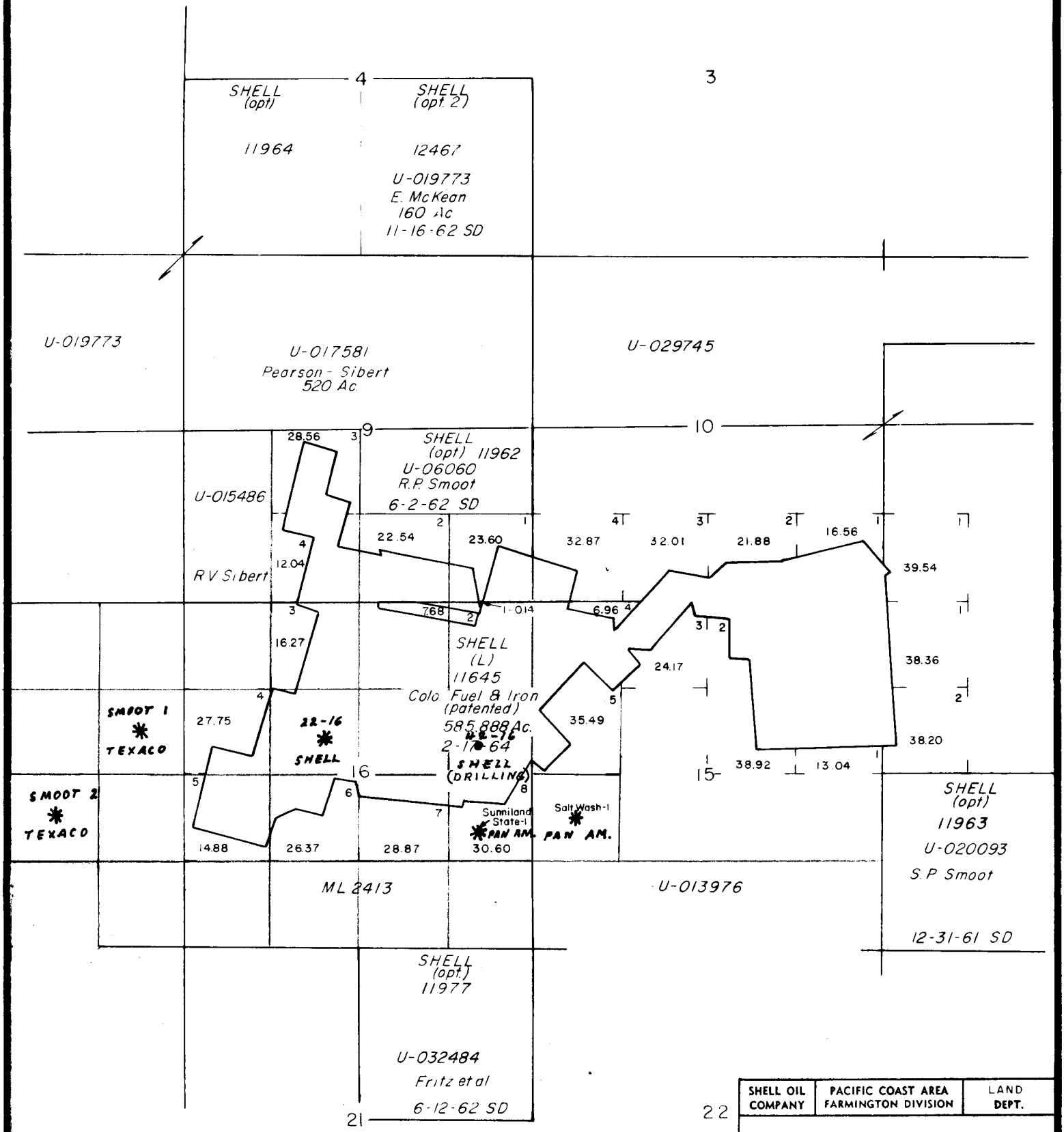
Very truly yours,

R. R. Robison
Division Production Manager

FWN:BG

Attachment

cc - Colorado Fuel and Iron Corporation
Post Office Box 1920
Denver, Colorado



SHELL OIL COMPANY	PACIFIC COAST AREA FARMINGTON DIVISION	LAND DEPT.

LAND PLAT

(WHITE WASH AREA)
SALT WASH FIELD
T23S R17E SLM
GRAND COUNTY, UTAH

DATE _____ SCALE _____
BY _____
APPROVED _____

copy to HC

(SUBMIT IN DUPLICATE)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING

SALT LAKE CITY 14, UTAH

LAND:

Fee and Patented ☐

State ☒

Lease No. ML - 2113

Public Domain ☐

Lease No.

Indian ☐

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill	X	Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Suniland State "A" September 8, 1961

Well No. 1 is located 1801 ft. from {N/S} line and 820 ft. from {E/W} line of Sec. 16

SE/4 Section 16 (¼ Sec. and Sec. No.) 23 South (Twp.) 17 East (Range) S.L.M. (Meridian)

Undesignated (Field) Grand County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is ..... feet. (To report later)

A drilling and plugging bond has been filed with .....

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

We propose to drill Suniland State No. 1 with rotary tools to an approximate total depth of 9000 feet to test the Mississippian formation. The following casing program is planned:

Size	Depth	Cement	Remarks
10 3/4"	1200	800 sx. (est)	Circulate to surface
4 1/2"	9000	400 sx. (est)	Production casing

Copies of location plat and a waiver from Shell Oil Company are attached. A copy of radioactivity and/or electrical well surveys run on the well will be submitted upon completion.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Pan American Petroleum Corporation

Address Box 480

Farmington, New Mexico

By R M Bauer, Jr.

Title Senior Petroleum Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

COMPANY Pan American Petroleum Corporation

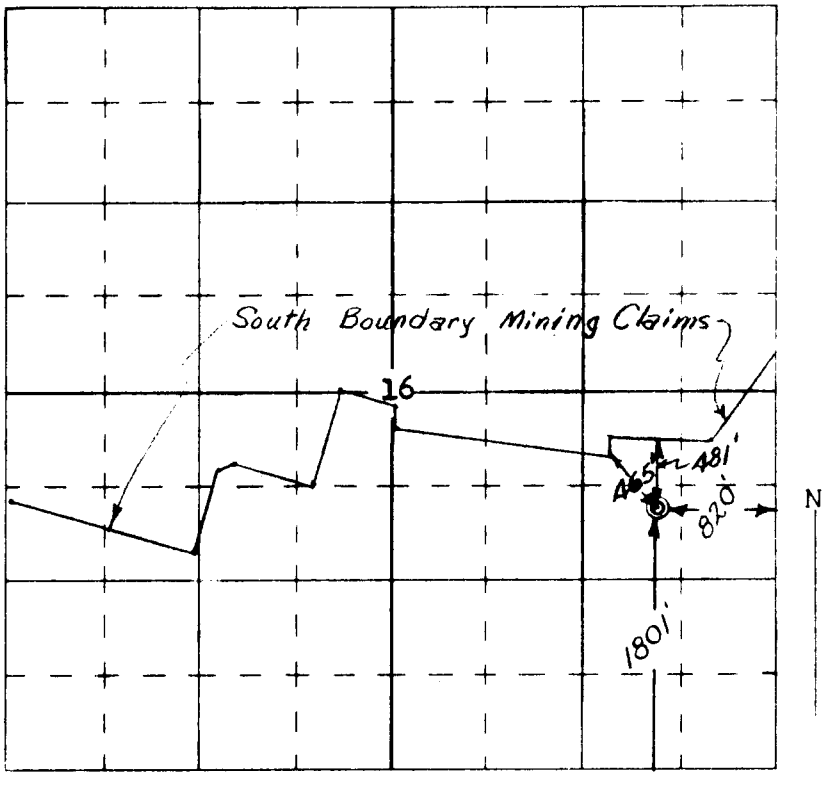
Well Name & No. Suniland-State No. 1 State Lease No. ML-2113

Location 1801 feet from the South line and 820 feet from the East line

Being in NE¼ SE¼

Sec. 16, T23 S., R17 E., S.L.M., Grand County, Utah

Ground Elevation To Be Reported Later



Scale -- 4 inches equals 1 mile

Surveyed August 16-17, , 19 61

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal

Four States Oil Field Surveys
Farmington, New Mexico

E. L. Poteet
Registered Engineer & Land Surveyor
N. M. Reg. No. 3084
Practicing in Utah under Laws regulating Professional Engrs. and Land Surveyors, Utah Code 1953, Title 58-10-16

September 11, 1961

Pan American Petroleum Corp.
Box 480
Farmington, New Mexico

Attn: R. M. Bauer, Jr., Senior Pet. Eng.

Gentlemen

This is to acknowledge receipt of your notice of intention to drill Well No. Sunland State "A" 1, which is to be located 1801 feet from the south line and 820 feet from the east line of Section 16, Township 23 South, Range 17 East, SLBM, Grand County, Utah.

Please be advised that approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Please take note that should it be necessary to plug and abandon said well you are hereby requested to give advance notice of the date and time said plugging will take place to one of the following named individuals, by phone or otherwise, in order that our petroleum engineer may be present to inspect the manner in which the well is being plugged:

C. B. FEIGHT, Executive Secretary
Office Phone: DA 8-5771 or DA 8-5772
Home Phone: HU 5-2721

ROBERT L. SCHMIDT, Chief Petroleum Engineer
Office Phone: DA 8-5771 or DA 8-5772
Home Phone: AM 6-8616

Please address all other forms of communications to the Utah State Oil and Gas Conservation Commission, 310 Newhouse Building, Salt Lake City 11, Utah.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ELEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:sws

cc: Utah State Land Board
105 State Capitol Bldg.
Salt Lake City, Utah

H. L. Coonts - OGCC, Moab

Copy to HC

RPL

GCC-1

(SUBMIT IN DUPLICATE)

LAND:

Fee and Patented ☐
State ☒
Lease No.

Public Domain ☐
Lease No.

Indian ☐
Lease No.

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off 10-3/4"	x
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Suniland State "A" Farmington, New Mexico October 5, 1961

Well No. 1 is located 1801 ft. from {N/S} line and 820 ft. from {E/W} line of Sec. 16

SE/4 of Section 16 (¼ Sec. and Sec. No.) T-23-S (Twp.) R-17-E (Range) S.L.M. (Meridian)

Undesignated (Field) Grand County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is ..... feet. (To be reported later)

A drilling and plugging bond has been filed with .....

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Spudded 12-1/4" hole September 25, 1961, and drilled to 1250'. Reamed 12-1/4" surface hole to 15" at 1209'. Set 10-3/4" casing at 1209' with 700 sacks 4 percent Gel cement containing 2 pounds medium Tuf Plug per sack followed by 100 sacks neat cement. Circulated 75 sacks. After first cement job, cement dropped 110' below surface. Recemented with 175 sacks of cement containing 2 percent Calcium Chloride through 1" pipe and circulated. No loss to formation. After waiting on cement, tested 10-3/4" casing with 1000 psi for 30 minutes, which held with no indication of pressure drop. Reduced hole to 9-7/8" at 1250' and resumed drilling operations.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Pan American Petroleum Corporation

Address P. O. Box 430
Farmington, New Mexico
Attn: L. O. Speer, Jr.

By R M Bauer Jr

Title Senior Petroleum Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Form OGCC-3

(SUBMIT IN DUPLICATE)

Copy to H C

LAND:

Fee and Patented ☐
State ☒
Lease No. ML-2113

Public Domain ☐
Lease No.

Indian ☐
Lease No.

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off 4-1/2"	x
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History DST	x
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Suniland State "A" November 20, 1961

Well No. 1 is located 1801 ft. from {N/S} line and 820 ft. from {E/W} line of Sec. 16

SE/4 of Section 16 (¼ Sec. and Sec. No.) 23 South (Twp.) 17 East (Range) S.L.M. (Meridian)

Undesignated (Field) Grand County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4435 feet. (RDB)

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Reduced hole to 8-3/4" at 5207' and mudded up at 5168'.

Drill Stem Test No. 1 8682-8814' Mississippian. Tool open 1-1/2 hours with gas to surface in 5 minutes and gauged approximately 18,000 MCF per day and gas would burn intermittently. Recovered 10' amber-colored oil and no water. Initial 30 minute shut-in bottom hole pressure 3890 psi, flowing bottom hole pressure 2425-2565 psi, and final 30 minute shut-in bottom hole pressure 3820 psi.

Drill Stem Test No. 2 8814-8858' Mississippian. Tool open 3 hours with good blow throughout test, died at end of test. Gas to surface in 4 minutes but too small to measure. Reversed out 55.52 barrels of oil (3900') gravity 51.8° API, with no indication of water while reversing. Recovered 90' of salt water cut oil below circulating tool. Initial 30 minute shut-in bottom hole pressure 3870 psi, flowing bottom hole pressure 230-1105 psi, and final 30 minute shut-in bottom hole pressure 3730 psi.

Drill Stem Test No. 3 8858-8887' Mississippian. Tool open 2 hours with good blow of air throughout test. Recovered 282' mud cut salt water and 5218' of salt water. No show of

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

(See reverse side)

Company Pan American Petroleum Corporation

Address P. O. Box 480 By R M Baker Jr

Farmington, New Mexico Title Senior Petroleum Engineer

Attn: L. O. Speer, Jr.

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

NOV 2 1961

oil and gas. Initial 30 minute shut-in bottom hole pressure 3918 psi and flowing bottom hole pressure 460-2645 psi. Bottom hole temperature 150°.

Total depth 8904'. Drilled additional 17' and conditioned hole for logging. Ran Gamma Ray-Sonic, Laterolog, Microlaterolog, and Continuous Dipmeter. Set 4-1/2" casing at 8904' with DV tool at 8220'. First stage cemented with 175 sacks Incor cement containing 1-1/2 pounds Tuf Plug per sack. Opened ports of DV tool and circulated 4 hours while waiting on cement. Second stage cemented with 2100 sacks 50-50 Pozmix cement containing 2 percent gel and 17 pounds salt per sack. Full circulation on job. Tested 4-1/2" casing with 3000 psi for 5 minutes, which held with no indication of pressure drop. Drilled DV tool at 8220'. Preparing for completion operations.

Form OGCC-1

Copy to HC

(SUBMIT IN DUPLICATE)

LAND: Fee

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SALT LAKE CITY, UTAH

Fee and Patented ☐
State ☒
Lease No. ML-2113

Public Domain ☐
Lease No.

Indian ☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	x
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Sunniland State "A" — Farmington, New Mexico December 28, 1961

Well No. 1 is located 1801 ft. from {N/S} line and 820 ft. from {E/W} line of Sec. 16

SE/4 Section 16 (¼ Sec. and Sec. No.) — 23 South (Twp.) — 17 East (Range) — S.L.M. (Meridian)

Undesignated (Field) — Grand County (County or Subdivision) — Utah (State or Territory)

The elevation of the derrick floor above sea level is 4435 feet. (RDB)

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Perforated Mississippian zone 8836-8838' with 4 shots per foot. Landed 2-3/8" tubing at 8840' and acidized these perforations with 750 gallons MCA. Pumped in at 1-1/2 barrels per minute at 1800 pounds. Well kicked off. Testing well. Tests were unsuccessfull. Squeezed the above perforations with 100 sacks Incor cement. After waiting on cement, Cement was drilled to 8832'. Casing was tested with 3000 psi for 30 minutes. Test ok. Perforated 8822-8824' with 4 shots per foot. Spotted 250 gallons 15 percent MCA. Washed back and forth across perforations at 15 minute intervals for 1-1/2 hours. Pressured up on formation. Formation broke at 3700-3000 psi. Well kicked off. Testing well. Well quit flowing. Reacidized perforations with 400 gallons 15 percent MCA, breakdown pressure 1200-1700 psi; pumped in acid at 1/2 barrel per minute. Well kicked off without swab. Testing well.

Completed as flowing Undesignated Mississippian oil well. Preliminary potential test flowed 47 barrels of oil on 16/64" choke. Tubing pressure flowing 775, casing pressure flowing 1450.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Pan American Petroleum Corporation

Address P. O. Box 480
Farmington, New Mexico
Attn: L. O. Speer, Jr.

By [signature]

Title Senior Petroleum Engineer

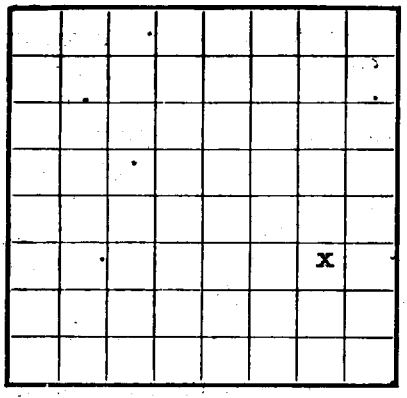
INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until Not Confidential
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Pan American Petr. Corp. Address Box 480, Farmington, New Mexico

Lease or Tract Suniland State "A" Field Undesignated State Utah

Well No. 1 Sec. 16 T. 23S R. 17E Meridian SLM County Grand

Location 1801 ft. {N. / S.} of S Line and 820 ft. {E. / W.} of E Line of Section 16 Elevation 4435
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed R H Fraser Jr

Date January 2, 1962 Title Senior Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling September 25, 1961 Finished drilling November 16, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 8822 to 8824 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4"	32.75	8RT	National	1204	Guide	–			Surface
4-1/2"	10.5#	8RT	CF&I	8948	Guide				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	1207	975	Halliburton 2 Plug		
4-1/2"	8904	2275	Halliburton 2 Plug		

MARK

4-1/2"	8904	2275	Halliburton 2 Plug	

FOLD | MAIL

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 8904 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

Completed as flowing oil well Undesignated Miss. ~~Databack~~ Field December 27, 1961. Potentialled and completed testing. Put to producing December 20, 1961

The production for the first 24 hours was 47 barrels of fluid of which 99.6% was oil; ..... % emulsion; ..... % water; and .4 % sediment. Gravity, °Bé. 56.2°

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 775 (TPF) 1450 (CPF)

EMPLOYEES

J. L. Daniel, Driller — Al Mueller, Driller

C. S. Clark, Driller — J. R. York, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
0	2564	2564	Undifferentiated Jurassic and Triassic sands and shales.
2564	3158	594	Coconino sand
3158	3738	580	Wolfcamp Limestone and sand
3738	5276	1538	Hermosa Limestone and sand
5276	8198	2922	Salt
8198	8450	252	Lower Hermosa silt and dolomite
8450	8904	454	Mississippian Limestone and dolomite
			(Tops from E Log)

[OVER]

JAN 8 1962

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

State whether electric logs were run. Spudded 12-1/4" hole September 25, 1961 and drilled to 1250'. Reamed 12-1/4" surface hole to 15" at 1209'. Set 10-3/4" casing at 1209' with 700 sacks 4 percent Gel cement containing 2 pounds Tuf Plug per sack followed by 100 sacks neat cement. Circulated 75 sacks. After first cement job, cement dropped 110' below surface. Recemented with 175 sacks of cement containing 2 percent Calcium Chloride through 1" pipe and circulated. No. loss to formation. After waiting on cement, tested 10-3/4" casing with 1000 psi for 30 minutes, which held with no indication of pressure drop. Reduced hole to 9-7/8" at 1250' and resumed drilling operations.

Reduced hole to 8-3/4" at 5207' and mudded up at 5168'. Drill Stem Test No. 1 8682-8814' Mississippian. Tool open 1-1/2 hours with gas to surface in 5 minutes and gauged approximately 18,000 MCF per day and gas would burn intermittently. Recovered 10' amber-colored oil and no water. Initial 30 minute shut-in bottom hole pressure 3890 psi, flowing bottom hole pressure 2425-2565 psi, and final 30 minute shut-in bottom hole pressure 3820 psi. Drill Stem Test No. 2 8814-8858' Mississippian. Tool open 3 hours with good blow throughout test, died at end of test. Gas to surface in 4 minutes but too small to measure. Reversed out 55.52 barrels of oil (3900') gravity 51.8° API, with no indication of water while reversing. Recovered 90' of salt water cut oil below circulating tool. Initial 30 minute shut-in bottom hole pressure 3870 psi, flowing bottom hole pressure 230-1105 psi, and final 30 minute shut-in bottom hole pressure 3730 psi. Drill Stem Test No. 3 8858-8887' Mississippian. Tool open 2 hours with good blow of air throughout test. Recovered 282' mud cut salt water and 5218' of salt water. No show of oil and gas. Initial 30 minute shut-in bottom hole pressure 3918 psi and flowing bottom hole pressure 460-2645 psi. Bottom hole temperature 150°.

Total depth 8904'. Drilled additional 17' and conditioned hole for logging. Ran Gamma Ray-Sonic, Laterolog, Microlaterolog, and Continuous Dipmeter. Set 4-1/2" casing at 8904' with DV tool at 8220'. First stage cemented with 175 sacks Incor cement containing 1-1/2 pounds Tuf Plug per sack. Opened ports of DV tool and circulated 4 hours while waiting on cement. Second stage cemented with 2100 sacks 50-50 Pozmix cement containing 2 percent gel and 17 pounds salt per sack. Full circulation on job. Tested 4-1/2" casing with 3000 psi for 5 minutes, which held with no indication of pressure drop. Drilled DV tool at 8220'. Preparing for completion operations.

Perforated Mississippian zone 8836-8838' with 4 shots per foot. Landed 2-3/8" tubing at 8840' and acidized these perforations with 750 gallons MCA. Pumped in at 1-1/2 barrels per minute at 1800 pounds. Well Kicked off. Testing well. Tests were unsuccessful. Squeezed the above perforations with 100 sacks Incor cement. After waiting on cement, Cement was drilled to 8832'. Casing was tested with 3000 psi for 30 minutes. Test ok. Perforated 8822-8824' with 4 shots per foot. Spotted 250 gallons 15 percent MCA. Washed back and forth across perforations at 15 minute intervals for 1-1/2 hours. Pressured up on formation. Formation broke at 3700-3800 psi. Well kicked off. Testing well. Well quit flowing. Reacidized perforations with 400 gallons 15 percent MCA, breakdown pressure 1200-1700 psi; pumped in acid at 1/2 barrel per minute. Well kicked off without swab. Testing well.

Completed as flowing Undesignated Mississippian oil well. Preliminary potential test flowed 47 barrels of oil on 16/64" choke. Tubing pressure flowing 775, casing pressure flowing 1450.

8 1962

FORM 470 2-57

PAN AMERICAN PETROLEUM CORPORATION

Box 480, Farmington, New Mexico
January 5, 1962

File: H-10-400.1

Subject: Final Log
Suniland State "A" Well No. 1

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Gentlemen:

We are transmitting herewith three copies of the final log of oil or gas well for our Suniland State "A" Well No. 1, located in Section 16, T-23-S, R-17-E, Undesignated Mississippian Field, Grand County, Utah. Under separate cover on November 29 we forwarded to your office two copies of the electrical log taken on this well.

By copy of this letter we are also forwarding information copies of this log to the Salt Lake City office of the U. S. Geological Survey.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

L. O. Speer, Jr.
Area Superintendent

JCG/bp

cc: U. S. Geological Survey
Salt Lake City, Utah

THE STATE OF UTAH

STATE LAND BOARD

SALT LAKE CITY, UTAH

Aug. 1, 1962

Re: ML 2113

Pan American Petroleum Corp.
P. O. Box 480
Farmington, New Mexico

Attention: Mr. L. O. Spear, Jr.

Dear Sir:

In reviewing the status of the above captioned oil and gas lease, there appears to be a need to obtain certain data concerning your company's operations on this lease.

Since you commenced operations on this lease you have completed the #1 Suniland-State well in the NW¼SE¼ of Sec. 16, T. 23 S., R. 17 E., SLM, as a producing well.

There have also been two wells drilled in the area which are direct offsets to portions of the land covered by this lease. These wells are Pan American #1 Salt Wash in NW¼SW¼ of Section 15, T. 23 S., R. 17 E., SLM., and Texaco #1 Government Smoot in SE¼NE¼ Sec. 17, T. 23 S., R. 17 E., SLM. Also, Texaco, Inc. has filed its notice of intention to drill its #2 Government-Smoot well in the NE¼SE¼ of Section 17, T. 23 S., R. 17 E., SLM, which will be another direct offset of State lands in ML 2113.

In view of these conditions and the provisions of Section 6 (b) of this lease it would be appreciated if you would advise the State Land Board as to your intentions with regard to the development of this lease.

Thank you for your kind consideration of this request.

Yours very truly,

DONALD G. PRINCE
ECONOMIC GEOGRAPHER

DGP:ls
CC: Utah Oil and Gas Conservation Commission
Wilshire Oil Company of Texas
Suniland Oil Corporation

COPY

June 14, 1963

Shell Oil Company
705 W. Municipal Drive
Farmington, New Mexico

Attention: Mr. J. E. Dozier

Dear Sir:

Enclosed are the Gas Oil Ratio Charts and results from your wells in the Salt Wash Field, Grand County, Utah.

You might be interested to know that Pan American Petroleum Corporation's Gas Oil Ratios for the same test period were as follows:

Pan American Salt Wash #1 GOR - 40,770 cu. ft./bbl.
Pan American Sunland State #1 GOR - 39,460 cu. ft./bbl.

We were unable to run Texaco Incorporated's Gas Oil Ratios at this time.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

HARVEY L. COONTS
PETROLEUM ENGINEER

HLC:kgw

Enclosure

Form 560 2-57 N AMERICAN PETROLEUM CORPORATIO

AFFIDAVIT - OIL OWNERSHIP

STATE OF New Mexico)
) SS
COUNTY OF San Juan)

L. O. Speer, Jr., of lawful age, being first duly sworn, states that he is Area Superintendent (title) of Pan American Petroleum Corporation with offices at Farmington, State of New Mexico, that he knows of his own personal knowledge that 29.20 net barrels of oil, corrected gravity 56.4 °, taken from Sunland State "A" No. 1 Undesignated Mississippian Field Lease, located in Section 16, Township 23S, and Range 17E, NM or ____ County, of Grand, State of Utah, on the 16th day of December, 1961, by Indiana Oil Purchasing Company Ticket No. 68 Company, was owned in its entirety by Pan American Petroleum Corporation as operator of said lease, said quantity previously having been received on the 21st day of November 1961 from Salt Wash Undesignated Mississippian Field Lease, County or Parish of Grand, State of Utah, (FPO no. NT-288659, issued to Indiana Oil Purchasing Company) for operating and/or development purposes.

The affiant further states that all taxes and other obligations against said oil will be assumed by Pan American Petroleum Corporation and affiant requests that payment for the above-mentioned barrels of oil be made to Pan American Petroleum Corporation 100% without deduction of any kind.

L. O. Speer, Jr.

Title Area Superintendent

Subscribed and sworn to before me, a Notary Public in and for said County and State this 28th day of December, 1961.

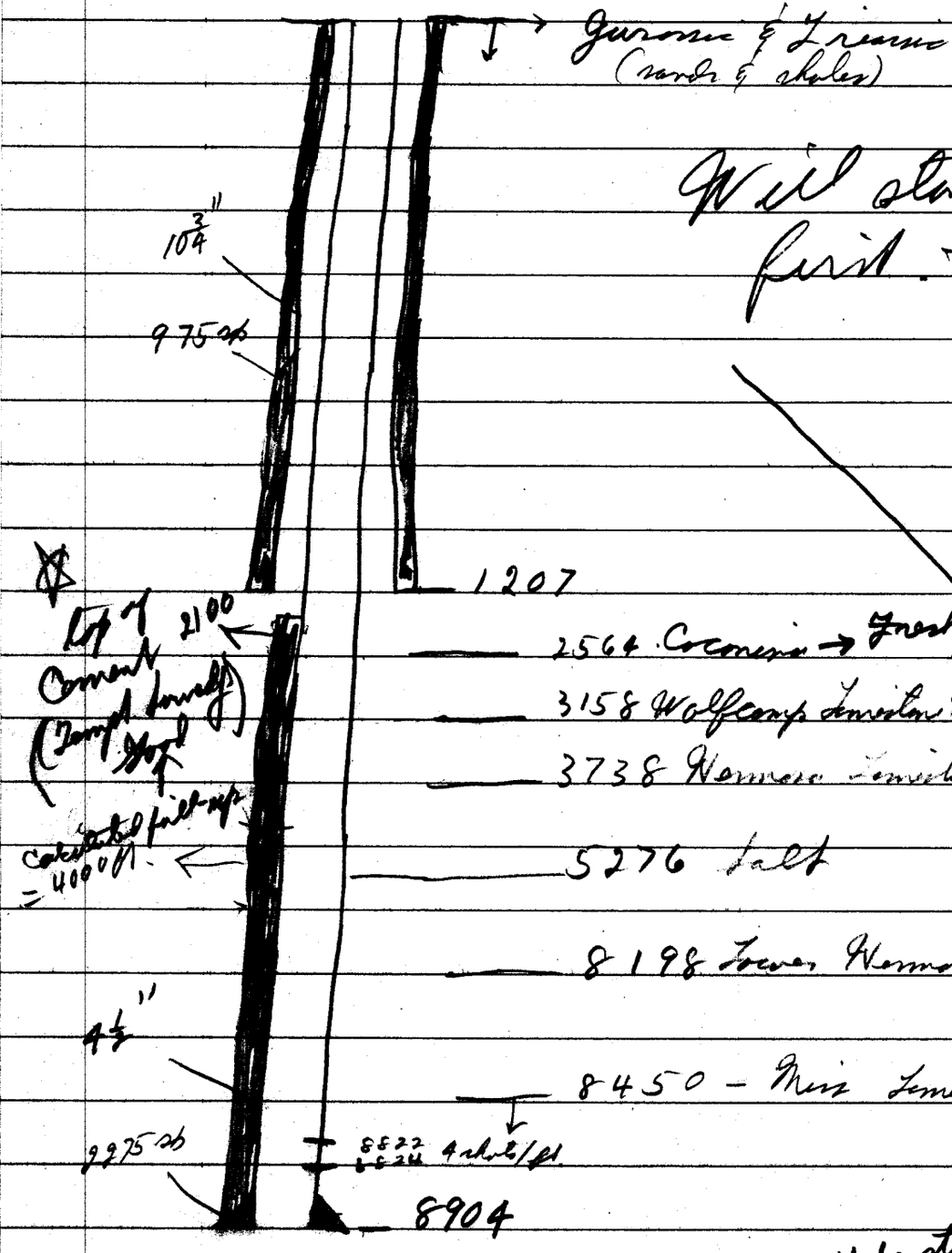
S. K. Dietz
Notary Public

My Commission Expires: February 27, 1965

Lunsland State "A" -1 Pan Am Petr Corp Frank Hollingsworth 3258541

July 14, 1965

PWB



Will start on this Well first → Friday July 16

Frank Gibbs
Will handle Program
Green Wells → Price

1) Cut Perforations in tubing → Run free point and cut at 7000 (→ might be stuck ~7000 ft.)
2) set Cement retainer 50 ft above freepoint and sum tubing and squeeze 110 sk (15 sk in perfs) and 95 sk to fill up inside of tubing and annulus.
3) spot 20 sk between 5200 - 5450 (top gravel) (Pan Am wants to - in case of later Casing Collapse.
4) spot 20 sk at 1950 to 2200
5) 10 sk at surface → Pump down broken bed 100 sk between 4 1/2 - 10 3/4 → about 300 ft/marker (salt water between all plugs.

Form OGCC-1

(SUBMIT IN DUPLICATE)

LAND:

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SALT LAKE CITY, UTAH

Fee and Patented ☐
State ☒
Lease No. ML-2113

Public Domain ☐
Lease No.

Indian ☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Farmington, New Mexico July 16, 1965

Suniland State "A" Lease
Well No. 1 is located 1801 ft. from {N/S} line and 820 ft. from {E/W} line of Sec. 16

SE/4 Section 16 (¼ Sec. and Sec. No.) T-23-S (Twp.) R-17-E (Range) SLM (Meridian)

Salt Wash (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4435 feet.

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

As a result of declining production we propose to plug and abandon the above well as follows:

1. Cut paraffin in tubing and check tubing as deep as possible.
2. Move in pulling unit and kill well with salt water. Attempt to pull tubing. If tubing is stuck, run free point and cut off tubing at collapsed casing point. (Est. 7000').
3. Run cement retainer and set 50' above collapsed casing point. (Est. 6900-6950').
4. Squeeze below retainer with 150 sacks cement (approximately 1900' off bottom and 50' above collapsed casing point. Casing-tubing annulus volume 92 sacks and tubing (fish) volume 35 sacks, leaving 23 sacks squeezed into formation). Drop bridging ball.

(Continued on Reverse Side)

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company PAN AMERICAN PETROLEUM CORPORATION

Address P. O. Box 480
Farmington, New Mexico

By Fred L. Nabors, District Engineer

Title

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

5. Pull tubing and stinger clear of retainer and reverse out excess cement.

6. Pull tubing and spot 20 sacks cement plug 5450-5200' (top of salt 5278').

7. Pull tubing and spot 20 sacks cement 1950-2200' (top of cement outside 4-1/2" casing - 2100').

8. Establish injection rate down 4-1/2" - 10-3/4" annulus and pump 100 sacks cement down 4-1/2" - 10-3/4" annulus (about 300' fill).

9. Remove surface equipment and tank battery equipment.

10. Spot 10 sacks cement for surface plug inside 4-1/2" casing (0 - 100') and erect abandonment marker.

JUL 23 1986

Copy USGS.

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR: P. O. Box 480, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1801 FSL and 820 FEL

5. LEASE DESIGNATION AND SERIAL NO.: ML-2113 (State)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Suniland State "A" Lease

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Salt Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SE/4 Section 16 T-23S, R-17E

12. COUNTY OR PARISH: Grand

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4435 (DF)

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[XX]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

As a result of declining production, we plugged and abandoned the above well on 7-21-65 as follows:

1) Moved in pulling unit and cut paraffin in tubing.
2) Attempted to pull tubing and found tubing stuck. Backed off tubing at 6537 and pulled.
3) Set cement retainer at 5100 and cemented with 220 sacks cement, final pressure 4500 psi. Pulled tubing and dumped 3 barrels of cement on top of retainer.
4) Spotted 20 sack cement plug from 2200 to 1950.
5) Spotted 10 sack cement plug from 100 to surface.
6) Hole filled with heavy fluid between plugs.
7) Pumped 100 sack cement plug down 10-3/4" -- 4-1/2" casing annulus. Had indication.
8) Installed abandonment marker and cleaned up location.

18. I hereby certify that the foregoing is true and correct

SIGNED: G. W. Eaton, Jr. TITLE: George W. Eaton, Area Engineer DATE: July 29, 1965

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

PWP

THE STATE OF UTAH
STATE LAND BOARD

SALT LAKE CITY, UTAH 84114

November 5, 1965

Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Attention: A. B. Madsen

Dear Mr. Madsen:

In reply to your letter of October 28, 1965, please be advised that this office cannot release the bond which your copy filed to cover operations under Mineral Lease No. 2113, until the plugging and abandoning of the wells drilled under this lease and the cleaning of the well sites has been approved by the Utah Oil and Gas Conservation Commission.

I have discussed this matter with the members of the Commission staff and they have advised they will visit these locations as soon as possible.

We trust this information will be of aid to you.

COPY

Very truly yours,

DONALD G. PRENCE
ECONOMIC GEOGRAPHER

DGP:lr
CC: Utah Oil and Gas Conservation Commission
348 E. S. Temple
Salt Lake City, Utah