

P-W

PAN AMER. PET. 1 NMSAL-B
SW/4-NE/4 Sec 25-Twp 12N-R 23E 76
Maverick County

County Navajo

Area Snowflake

Lease No. N. M. & Arizona Land Co.

Well Name Pan American Petroleum Co. / New Mexico & Arizona Land Co. 6

Location SW NE Sec 25 Twp 12N Range 23E Footage 1983 FNL 1969 FEL

Elev 6244 Gr 6250 KB Date 4-28-59 Spud 4-28-59 Complete 6-6-59 Total Depth 4497

Contractor: _____ Approx. Cost \$ (+1746)

| Casing Size | Depth | Cement |
|--------------|------------|--------------|
| <u>8 5/8</u> | <u>785</u> | <u>500sx</u> |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

PE 4385 72 AM 5T (+1849)
PE 4404 (+1849)
checks with E.L.

Drilled by Rotary X
Cable Tool _____

Production Horizon _____
Initial Production D & A

REMARKS: See file for cores & DST's.

| | |
|-----------------------------------------------------------------------------|------------------------------------------|
| Elec. Logs <u>Microlaterolog; Laterolog; GRN; Sonic log</u> | Sample Log <u>Am Strat</u> |
| Applic to Plub <u>X</u> Plugging Record <u>X</u> Completion Report <u>X</u> | Sample Descript <u>7-1009 P-325, 585</u> |
| | Cores _____ |

Water well - accepted by _____

Bond Co. & No. Seaboard Surety Company 582-032

Bond Am't \$ 25,000 ~~10,000~~ Cancelled _____ Date _____ Organization Report X

Filing Receipt 62463 dated 4-28-59 Well Book X Plat Book X

Loc. Plat X Dedication W/2 NE 25-12N-23E

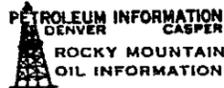
API # 02-017-05000

PERMIT NO. 76

Date Issued 4-22-59

ARIZONA
NAVAJO COUNTY
WILDCAT (W)

76



Twp 12n-23e
Section 25
SW NE
198 s/n 1969 w/e

OPR: Pan American Pet.

WELL #: 1 New Mexico & Arizona Land "B"

ELEV: 6253 Gr.
*TOPS: Log-Samples

Coconino 164
Supai 623
Ft Apache 1847
Big A 1946
Amos 2383
Naco 2813
Red Wall 4101
Martin 4148
Basement 4404

Contr: Brannon & Murray

DSTS. & CORES:

DST 1220-36, 1-1/4 hrs,
rec 15 mud, FP 90#,
SIP (30 min) 90#. Crd
1473-1509, rec 34 1/2 anhy.
DST 1925-2048, 1 1/2 hrs,
rec 30 mud, FP 85#, SIP
(30 min) 100#. Crd 4079-
90 1/2, rec 7 sd w/chert &
anhy inclusions. Crd
4090 1/2-4103, rec 1 chert.
DST 4065-4140, 2 1/2 hrs,
rec 1350 salt wtr, FP
175-685#, SIP (30 min)
1204#. DST 4148-4250,
2 1/2 hrs, rec 3645 MCW, FP
195-1350#, SIP (30 min)
1375#.

SPUD: 6-1-59

COMPL: 6-6-59

ID: 4497

PB:

CSG: 8-5/8" @ 785 w/500

PERF:

PROD. ZONE:

INIT. PROD: D & A.

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION: Plugged and Abandoned June 6, 1959

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
| Operator Pan American Petroleum Corporation | | Address Box 487, Farmington, New Mexico | |
| Lease Name New Mexico & Arizona Land Co. "B" | | Well Number 1 | Field & Reservoir Wildcat |
| Location 1968.67' WEL and 1980.70' SNL Section 25, T-12-N, R-23-E, G&SRB&M | | | |
| County Navajo | Permit number 76 | Date Issued 4-27-59 | Previous permit number -- |
| Date spudded 4-28-59 | Date total depth reached 6-2-59 | Date completed, ready to produce Plugged 6-6-59 | Elevation (DF, BKB, RT or Gr.) feet RKB 6253 |
| Total depth 4497 | P.B.T.D. -- | Single, dual or triple completion? -- | Elevation of casing hd. flange feet GL 6244 |
| Producing interval (s) for this completion None | | Rotary tools used (interval) 0 - 4497' | Cable tools used (interval) -- |
| Was this well directionally drilled? No | | Was directional survey made? No | Was copy of directional survey filed? No |
| Type of electrical or other logs run (check logs filed with the commission) Laterolog, Gamma Ray-Neutron, Sonic Log, Microlaterolog | | | Date filed June 23, 1959 |

CASING RECORD

| Purpose | Size hole drilled | Size casing set | Weight (lb./ft.) | Depth set | Sacks cement | Amt. pulled |
|---------|-------------------|----------------------------|------------------|-----------|--------------|-------------|
| Surface | 12 1/4" to 785' | 8-5/8" | 22.7 | 785' | 500 | None |
| | 7-7/8 to 4497' | (no production casing run) | | | | |

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 | Am't. & 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):
Did not obtain oil or gas in commercial quantities.

| 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'ed rate of Production per 24 hrs. | Oil bbls. | Gas MCF | Water bbls. | Gas-oil ratio |
|-----------------|-----------------|---------------------------------------|-----------|---------|-------------|---------------|
| | | | | | | |

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 Area Engineer of the Pan American Petroleum 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.

June 23, 1959
Date

R.M. Bauer, Jr.
Signature

STATE OF ARIZONA STATE LAND COMMISSIONER
Well Completion or Recompletion Report and Well Log
Form No. P-7 File two copies
Authorized by Order No. 4-8-59
Effective April 6, 1959

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DETAIL OF FORMATIONS PENETRATED

| Formation | Top | Bottom | Description* |
|----------------|------|--------|--------------|
| Sands & shales | 0 | 164 | |
| Coconino | 164 | 623 | |
| Upper Supai | 623 | 1847 | |
| Fort Apache | 1847 | 1946 | |
| Lower Supai | 1946 | 2813 | |
| Pennsylvanian | 2813 | 4101 | |
| Mississippian | 4101 | 4148 | |
| Devonian | 4148 | 4404 | |
| Basement | 4404 | 4497 | |

(See attachment for Core Descriptions and Drill Stem Test record)

NOTE: Samples and core chips have been sent to Four Corners Sample Cut for Arizona distribution.



10585

* 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.

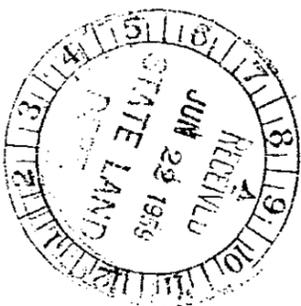
INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State Land Commissioner not later than thirty days after project completion.

New Mexico & Arizona Land Company "B" Well No. 1 was plugged and abandoned on June 6, 1959 as follows:

1. Spotted 60 sack cement plug 4050 - 4200 across base of Pennsylvanian.
2. Spotted 90 sack cement plug 2640 - 2820 across base of Supai and top of Pennsylvanian.
3. Spotted 40 sack cement plug 740 - 840 up into bottom of surface casing.
4. Spotted 10 sack cement plug 0-30 in top of surface casing and erected 4" surface marker to extend 4 feet above ground level.
5. Used heavy mud-laden fluid between all plugs.



10485

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
 OPERATOR Pan American Petroleum Corporation ADDRESS Box 487, Farmington, New Mexico
 LEASE New Mexico & Arizona Land WELL NO 1 COUNTY Navajo
 SURVEY Company SECTION 25 DRILLING PERMIT NO 76
 LOCATION 1968.67' WEL and 1982.70 SNL of section 25, T-12-N, R-23-E

TYPE OF WELL Dry hole TOTAL DEPTH 4497
 (Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)
 LAST PRODUCTION TEST OIL _____ (Bbls.) Water _____ (Bbls.)
 GAS _____ (MCF) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD 8-5/8" 22.7 pound slip joint Armco casing was set at 785' with 500 sacks of cement which circulated to surface.

2. FULL DETAILS OF PROPOSED PLAN OF WORK (1) Spot 60 sack cement plug 4050-4200 across base of Pennsylvanian, Mississippian and top of Devonian. (2) Spot 90 sack cement plug 2640-2820 across base of Supai and top of Pennsylvanian. (3) Spot 40 sack cement plug 740-840 up into bottom of surface casing. (4) Spot 10 sack cement plug in top of surface casing and erect 4" surface marker to extend 4' above ground level. (5) Use heavy mud-laden fluid between all plugs.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS June 6, 1959
 NAME OF PERSON DOING WORK D. O. Robinson ADDRESS Box 487, Farmington, N. M.
 CORRESPONDENCE SHOULD BE SENT TO Pan American Petroleum Corporation, Box 487, Farmington, New Mexico

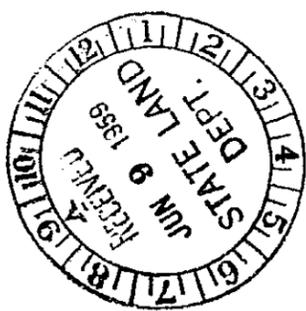
Verbal Approval for above procedure given by Mr. Ryan to Mr. Bauer on June 5, 1959. NAME R.M. Bauer Jr.
 TITLE Area Engineer

Date approved 6-10-59

Fredrich C. Ryan
 Supr. of C. Co.
 for: STATE LAND COMMISSIONER

STATE OF ARIZONA, STATE LAND COMMISSIONER
 Application to Abandon and Plug
 Form No. 15A File 2 copies.
 Authorized by Order No. 4-6-59
 Effective April 6, 1959

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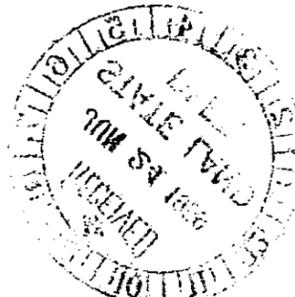


9730

SUPPLEMENTAL HISTORY

NEW MEXICO AND ARIZONA LAND CO. "B" NO. 1

- DST NO. 1 - 1220' - 1336' Tool open 1-1/4 hours. Weak blow and died 10 minutes. Recovered 15 feet drilling mud, no show. 45-minute shut-in bottom hole pressure 90 pounds. 30-minute flowing bottom hole pressure 90 pounds.
- DST NO. 2 - 1925' - 2048' Tool open 1-1/2 hours. No blow. Recovered 30 feet drilling mud. Shut-in bottom hole pressure 30 minutes 85 psi. Flowing bottom hole pressure 85-100 psi. Bottom hole temperature 98 degrees.
- DST NO. 3 - 2700' - 2740' Tool open 3 hours. Good blow air immediately decreasing to weak blow at end of test. Recovered 1740 feet salt water. 30-minute shut-in bottom hole pressure 1075 psi. Flowing bottom hole pressure 195 psi.
- DST NO. 4 - 4065' - 4140' Tool open 2-1/2 hours. Good to weak blow. Recovered 1350 feet mud cut salt water. No show. 30-minute shut-in bottom hole pressure 1740 psi. Flowing bottom hole pressure 175-685.
- DST NO. 5 - 4148' - 4250' Misrun.
- DST NO. 6 - 4148' - 4250' Tool open 2-1/2 hours. Good blow air immediately. Too weak to measure at end of test. Recovered 2645 feet mud cut salt water. No show. 30-minute shut-in bottom hole pressure 1375 psi.
- Core No. 1 - 1473 - 1508' Recovered 34-1/2 feet as follows: 8 feet anhydrite, 26-1/2 feet gypsum and salt. No show and no porosity.
- Core No. 2 - 1874 - 1925' Recovered 51 feet as follows: 13 feet anhydrite and salt. 23 feet shaly dolomite with salt inclusions and anhydrite. No show.
- Core No. 3 - 4079 - 4090' Core barrel jammed. Recovered 7 feet of sand with inclusions of chert and anhydrite with vertical fracturing.
- Core No. 4 - 4090-1/2 - 4102' Core barrel jammed. Recovered 1 foot highly fractured chert.



SUPPLEMENTAL HISTORY
NEW MEXICO AND ARIZONA LAND CO. "B" NO. 1

DST NO. 1 - 12201 - 13381
 Tool open 1-1/4 hours. Weak blow and died 10 minutes. Recovered 15 feet drilling mud, no show. 45-minute shut-in bottom hole pressure 90 pounds. 30-minute flowing bottom hole pressure 90 pounds.

DST NO. 2 - 12251 - 20481
 Tool open 1-1/2 hours. No blow. Recovered 30 feet drilling mud. Shut-in bottom hole pressure 30 minutes 82 psi. Flowing bottom hole pressure 82-100 psi. Bottom hole temperature 98 degrees.

DST NO. 3 - 27001 - 27401
 Tool open 3 hours. Good blow air immediately decreasing to weak blow at end of test. Recovered 1740 feet salt water. 30-minute shut-in bottom hole pressure 1075 psi. Flowing bottom hole pressure 195 psi.

DST NO. 4 - 40251 - 41401
 Tool open 2-1/2 hours. Good to weak blow. Recovered 1350 feet mud and cut salt water. No show. 30-minute shut-in bottom hole pressure 1740 psi. Flowing bottom hole pressure 175-685.

DST NO. 5 - 41481 - 42201
 Tool open 2-1/2 hours. Good blow air immediately. Too weak to measure at end of test. Recovered 2645 feet mud and cut salt water. No show. 30-minute shut-in bottom hole pressure 1375 psi.

DST NO. 6 - 41481 - 42201
 Recovered 34-1/2 feet as follows: 8 feet anhydrite, 26-1/2 feet gypsum and salt. No show and no porosity.

DST NO. 7 - 1874 - 19251
 Recovered 51 feet as follows: 13 feet anhydrite and salt. 23 feet shaly dolomite with salt inclusions and anhydrite. No show.

DST NO. 8 - 4025 - 40901
 Core barrel jammed. Recovered 7 feet of sand with inclusions of chert and anhydrite with vertical fracturing.

DST NO. 9 - 4020-1/2 - 41021
 Core barrel jammed. Recovered 1 foot highly fractured chert.



58501

Telephone conversation between R. M. Bauer, Jr., Area Engineer for Pan American Petroleum Corporation, June 4, 1959 and F. C. Ryan.

On New Mexico and Arizona "B" 1 ground elevation 6244'
Rotary Table Bushing 6253'

Surface casing: 8 5/8" set at 785' in a 12 1/4" hole
500 sax cement circulated to the top.

Formation tops: Coconino 164'
Supai 623
Ft. Apache 1847
Penn. (Naco) 2813
Miss. 4101
Devonian 4148
Basement 4404
T.D. 4497
In Metamorphics

6253
2813
+ 1490

7 7/8" hole drill stem test

- #1: Supai; 1220 - 1336
Recovered 15' mud
- #2: 1925 (?) - 2048
Recovered 30' mud
- #3: 2700 - 2740
Recovered 300' salt water cut mud plus
1440' salt water
- #4: 4065 - 4140
Recovered 1350' mud cut
salt water

Proposed plugging schedule:

1. 60 sax cement at 4050 to 4200' (across the base of Mississippian, Pennsylvanian and top of Devonian)
2. 90 sax 2640 to 2820 (across base of supai and top of Penn.; cover salt water area in DST)
3. 40 sax at 740 to 840 (50' in and out of bottom of surface pipe)
4. 10 sax at top. Mud laden fluid will be left in the hole throughout it's depth.

Note:

R.M. Bauer Desk Phone No. Davis 5-8845
Pan Am. Switchboard Davis 5-8841

Mr. Bauer will be at desk phone from 6 A.M.,
Switchboard open at 7:45 A.M.

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6/5/59: Above info given Phil Johnson per FCR - Phone (at Chambers) OK REV OWS

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR

DATE **April 27, 1959**

Pan American Petroleum Corporation

Address

P. O. Box 487

City

Farmington

State

New Mexico

DESCRIPTION OF WELL AND LEASE

Name of lease

New Mexico & Arizona Land Co. "B"

Well number

1

Elevation (ground)

6244'
To be restd later

Well location

1968.67' WEL; & 1982.70' SNL;

Section—township—range or block & survey
25 12 N. 23 E. G&SRB&M

Field & reservoir (If wildcat, so state)

Wildcat

County

Navajo

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

15 miles N.E. Showlow

Nearest distance from proposed location to property or lease line:

feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:

feet

Proposed depth:
3100'

Rotary or cable tools
Rotary

Approx. date work will start
April 27, 1959

Number of acres in lease:

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

If lease, purchased with one or more wells drilled, from whom purchased:

Name

Address

Status of bond

Blanket bond \$10,000 dated August 28, 1958

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Field Engineer of the Pan American P. Co. (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.

Filed cert in office Apr 27, 1959

*M. J. Bauer filed @ 4 Dept
Original Filed Copy.*

R. M. Bauer Jr.
Signature

Permit Number: 76

Approval Date: April 27, 1959

Approved By: *Okd. M. Lassen*

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

See Instruction on Reverse Side of Form

STATE OF ARIZONA STATE LAND COMMISSIONER

Application to Drill, Deepen or Plug Back

Form No. P-1

File two copies

Authorized by Order No. 4-6-59

Effective April 6, 19 59

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INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

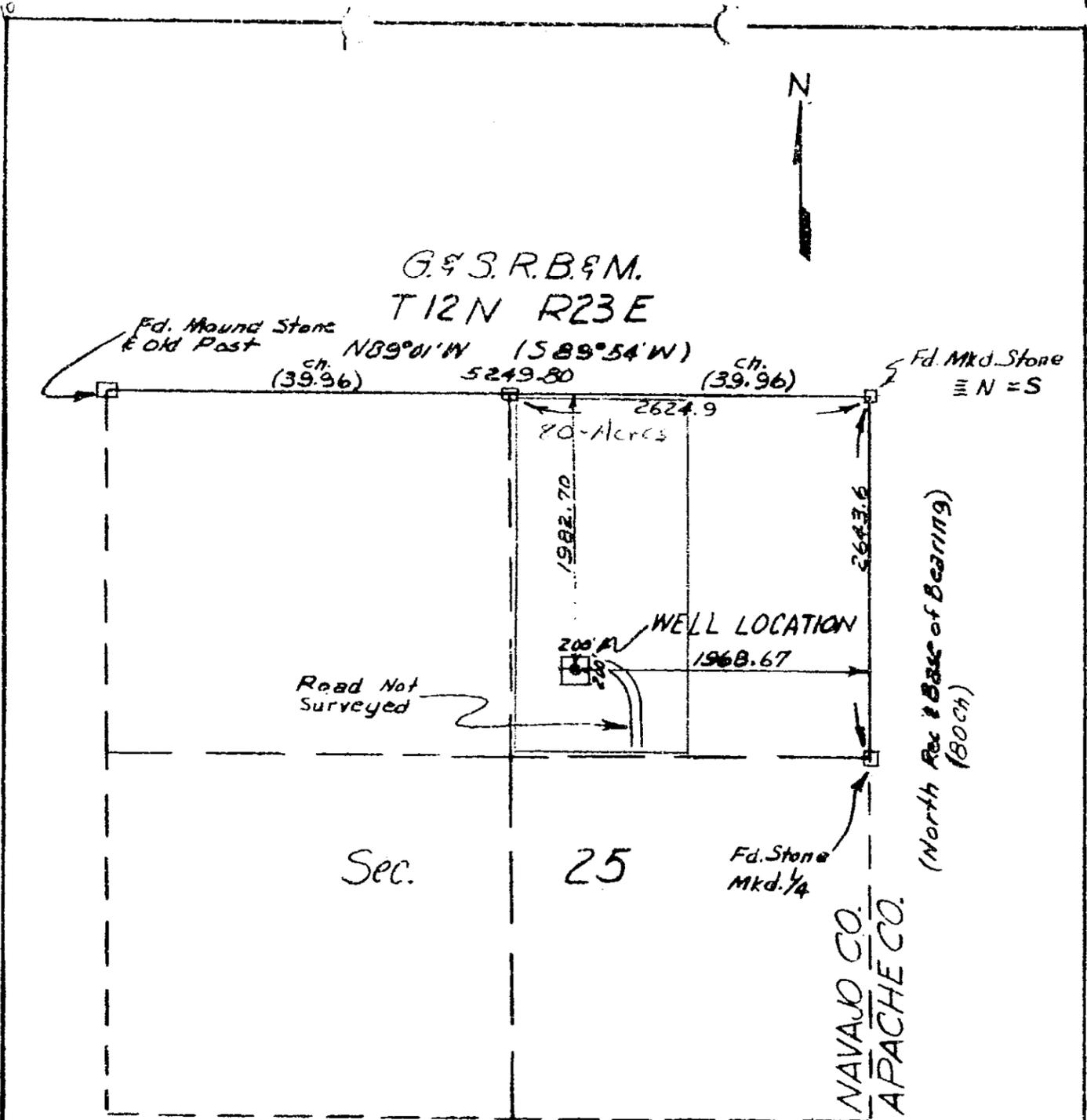
In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

| Size of Casing | Weight | Grade & Type | Top | Bottom | Cementing Depths | Sacks Cement |
|----------------|--------|--------------|-----|--------|------------------|-------------------------|
| 8 5/8" | 22.7 | S-JARMCO | X | X | 600' | Circulate |
| 5 1/2" | 14 | J-55 | X | X | 3100' | To be determined later. |



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

[Signature]
C. W. [Name] Reg. Prof. Eng.



NEW MEXICO - ARIZONA LAND
COMPANY B - No. 1
Pan American Petroleum
Corp.
Fort Worth, Texas
Scale: 1" = 1000' April 1959
ARIZONA ENGINEERING CO.
Flagstaff, Ariz.

Standard Oil
Production Company
Continental & Offshore Division
9401 Southwest Freeway
Suite 1200
Houston, Texas 77074
713-981-1150

April 29, 1987

STANDARD OIL
PRODUCTION

Mr. Daniel J. Brennan
Executive Director
Arizona Oil and Gas Commission
3110 N. 19th Avenue, Suite 190
Phoenix, Arizona 85015

file 76

Dear Mr. Brennan:

Enclosed is a copy of the report from our geochemical laboratory on the well samples we obtained from your sample library last November.

I apologize for the delay, some of the analysis equipment was being relocated and was not operational.

As indicated in the report, the results were disappointing. However, I want to thank you again for permission to take samples of these wells for analysis.

Sincerely,



Steven Swanson
Project Geologist

cc: A. E. Krancer
E. M. Luttrell
B. P. Cohn

1254L/mcw

Standard Oil Production Company is a
unit of the original Standard Oil Company
founded in Cleveland, Ohio, in 1870.

GEOCHEMICAL ANALYSIS OF
CUTTINGS FROM
ARIZONA WELLS

EXPLORATION BRIEF (PGW/EB381)

Author: I.E. Penfield

STANDARD OIL PRODUCTION COMPANY

To: S. Swanson April 21, 1987
SOPC Continental & Offshore Div. PGG/042187/IP/2-6
Houston AFE: 70-5019

From: Petroleum Geochemistry Group
Dallas Classification: RESTRICTED

Subject: Geochemical Analysis of Cuttings from Arizona Wells--
Exploration Brief (PGG/EB381).

Eleven cuttings samples representing Permian, Pennsylvanian, and Devonian sediments in six Arizona wells were analyzed for source potential and thermal maturity. Well locations and sample depths are given in the Appendix. Analyses are listed in Table 1.

None of the cuttings exhibited any source potential; all were virtually barren of organic carbon, having TOC's of <0.05%. Rock-Eval pyrolysis showed only trace quantities of thermally distillable (S1) or pyrolyzable (S2) hydrocarbons. The two samples with highest S1 and S2 values (still only 0.2 to 0.3 kg/ton) were selected for thermal maturity determination by whole rock vitrinite reflectance methods, but the absence of organics prevented an accurate assessment: The Permian Supai Fm. in the Mae Belcher #1 State well (1920-2020') appeared to be a barren limestone with a trace of bitumen staining; the Pennsylvanian sample in the Tenneco 1X Ft. Apache Tr. 56 (2500-2770') had a trace of siltstone with one piece of vitrinite of about 0.88% Ro, but was mainly redbeds containing occasional reworked material. Given the negligible quantity of hydrocarbon material in the samples, no attempt was made to extract it for chromatographic characterization.

Enclosures: Table 1
Appendix

cc: M. Rahman
R. Drozd
File (0) (2-6)

Irene Penfield
Irene Penfield

TABLE 1

Results of Total Organic Carbon Analysis and Rock-Eval Pyrolysis

| Sample ID | TOC (Wt.%) | S1 (kg./ton) | S2 (kg./ton) | Ro (%) |
|-----------|------------|--------------|--------------|-------------|
| WE8501 | 0.05 | 0.32 | 0.26 | NDP |
| WE8502 | 0.00 | 0.06 | 0.07 | |
| WE8503 | 0.00 | 0.05 | 0.05 | |
| WE8504 | 0.00 | 0.05 | 0.08 | |
| WE8505 | 0.01 | 0.09 | 0.10 | |
| WE8506 | 0.00 | 0.05 | 0.05 | |
| WE8507 | 0.00 | 0.05 | 0.05 | |
| WE8508 | 0.05 | 0.25 | 0.24 | NDP(0.88??) |
| WE8509 | 0.01 | 0.10 | 0.05 | |
| WE8510 | 0.00 | 0.10 | 0.08 | |
| WE8511 | 0.02 | 0.27 | 0.10 | |

NDP= No determination possible

Appendix

| P/N | Operator | No. | Well name | Loc'n | Depth range | Age |
|------|------------------|------|-------------------|------------|-------------|----------|
| 66 | 8501 Mae Belcher | 1 | State | 20-9N-31E | 1920'-2020' | Perm. |
| 86 | 8502 Pan Am | 1 | Aztec L&C "B" | 9-16N-18E | 3720'-3835' | Dev. |
| 76 | 8503 Pan Am | 1 | NMG&Z Land "B" | 25-12N-23E | 3200'-3500' | U. Penn. |
| 662 | 8504 Webb | 30-1 | NMG&Z Snowflake | 30-14N-21E | 3100'-3240' | Penn. |
| 8505 | 8505 Webb | " | " | " | 3320'-3360' | Penn. |
| 660 | 8506 Webb | 29-1 | Rocking Chair | 29-14N-20E | 2900'-3110' | Penn. |
| 8507 | 8507 Webb | " | " | " | 3290'-3370' | Dev. |
| 368 | 8508 Tenneco | 1X | Ft. Apache Tr. 56 | 31-10N-21E | 2500'-2770' | Penn. |
| 8509 | 8509 " | " | " | " | 2880'-2900' | Penn. |
| 8510 | 8510 " | " | " | " | 3110'-3230' | Penn. |
| 8511 | 8511 " | " | " | " | 3640'-3830' | Dev. |

OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA

DEPARTMENT OF
ENERGY AND MINES

Phoenix, Arizona 85007

October 7, 1970

Seaboard Surety Company
A 1420 - 175 West Jackson Boulevard
Chicago, Illinois 60604

Attention: Mr. R. J. Lyle

Re: Seaboard Surety Company Bond No. 672107 - \$25,000
Pan American Petroleum Corporation

Gentlemen:

Records of this office indicate that on October 7, 1970, Pan American Petroleum Company fulfilled their obligation to the State of Arizona as to the requirements pertaining to the captioned well. We authorize termination of the subject bond effective this date.

Very truly yours,

W. E. Allen
Director, Enforcement Section

WEA:jd

cc: Pan American Petroleum Company

Operator PAN AMERICAN PETROLEUM CORP
Bond Company Seaboard Surety Co. Amount 25,000
Bond No. not shown Date Approved 11-8-65

Permits covered by this bond:

- 60
- 76 *6.7*
- 85 *11.1*
- 98 *11.7*
- 176 *11.7*
- 179 *Summit #60*
- 232 *S.K.*
- 247 *11.7*
- 280 *11.7*
- 428 *11.7*
- 1.8 *11.7*

CANCELLED
DATE 11-6-73

SEE ORIGINAL
BOND IN
FILE
232

September 15, 1970

Mr. T. H. Curtis
Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Re: Blanket Drilling Bond
No. 872765

Pan American #1 Navajo "O"
SE/4 NW/4 Sec. 23-T41N-R30E
Apache County
Our File #232
Recently purchased by Clinton Oil Company

Dear Mr. Curtis:

In reply to your letter of September 10, 1970, requesting release of liability under the above referenced bond, we have this date notified Clinton Oil Company to furnish this Commission with their own bond covering their Arizona operations.

According to the terms as outlined in your Designation of Operator, it was stipulated that Pan American would retain the responsibility of the lessee; therefore, it was our understanding that Clinton would not be liable for the bonding responsibility.

As quickly as we receive an approved bond from Clinton, we will take the necessary measures to release Pan American from any further liability. We hope that this delay will cause no undo inconvenience.

Very truly yours,

W. R. Allen
Director, Enforcement Section

WEA:jd

September 14, 1970

Mr. M. C. Lyons
Accounting Department
Clinton Oil Company
217 North Water Street
Wichita, Kansas 67202

Re: Pan American #1 Navajo "O"
3E/4 SW/4 Sec. 23-T41N-R30E
Apache County
Our File #232

Dear Mr. Lyons:

Please refer to our letter to you dated July 7, 1970, and your reply of July 17, 1970. We now have received from Pan American Petroleum Corporation a request to cancel their blanket bond No. 672765 presently covering your operations. A copy of their letter is enclosed.

This Commission cannot grant Pan American's request until such time as Clinton Oil Company furnishes us with a replacement bond signed by an Arizona Surety Agent. As you know, a bond on an individual well must be in the amount of \$5,000. A blanket bond in the amount of \$25,000 will cover your present operation and any future anticipated operations within this State.

We regret if we have caused you or your company any inconvenience as regards this bonding situation; however, it was our initial understanding that Pan American would keep their bond in full force and effect.

Should you need additional information, please let us know.

Very truly yours,

W. E. Allen
Director, Enforcement Section

WEA:jd
Enc.

PAN AMERICAN PETROLEUM CORPORATION

PRODUCING DEPARTMENT
H. T. HUNTER
DIVISION PRODUCTION
MANAGER

*Bill
check & advise*

SECURITY LIFE BUILDING
DENVER, COLORADO 80202

DISTRICT SUPERINTENDENT
W. M. JONES
T. M. CURTIS

September 10, 1970

File: IMC-269-923

Re: Blanket Drilling
Bond No. 672765

Mr. John Bannister
Executive Secretary
Oil & Gas Conservation Commission
1624 West Adams - Room 202
Phoenix, Arizona 85007

Dear Sir:

Pan American Petroleum Corporation no longer has any producing property in the State of Arizona.

Our \$25,000 Blanket Drilling Bond No. 672765 is no longer needed. Please furnish us a release of liability under the bond in order for us to cancel our coverage with our surety.

Yours very truly,

T. M. Curtis

cc: Mr. R. B. Parson - Tulsa
Mr. L. O. Speer, Jr. - Fmgtm



April 7, 1960

Pan American Petroleum Corporation
P. O. Box 487
Farmington, New Mexico

ATTENTION: Mr. R. M. Bauer, Jr., Area Engineer

Dear Mr. Bauer:

We note that Mr. Jerome, of this office, gave oral and written permission on September 16, 1959 to your company to plug and abandon the New Mexico and Arizona Land Company "A" #1 Well, Sec. 12 - 13 N - 25 E, Apache County, Arizona.

We have not, at this time, received the formal application to plug and abandon, Form #15A. Will you attend to this matter. Further, upon receipt of the Plugging Record, Form 15, on the Tohlacon Navajo #1 Well, your company will have completed its obligations to the State of Arizona, with respect to drilling and plugging wells.

It is a pleasure to work with your company, and we ask that you continue to operate in this State.

Sincerely yours,

W. F. Maule,
Petroleum Engineer

WFM:mar

Enclosures: Application to Abandon & Plug, Form #15A (3)

June 18, 1959

Pan American Petroleum Corporation
Box 487
Farmington, New Mexico

Attention: L. O. Speer, Jr.,
Area Superintendent

Dear Mr. Speer:

We are transmitting herewith a copy of your Application to Abandon and Plug covering your drilling operation of the "B" Fee #1 well, located in Section 25, Township 12 North, Range 23 East, Navajo County, Arizona. This application has been approved under date of June 10, 1959 and is for your records.

If we may be of additional service, please let us know.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,
Supervisor,
Oil and Gas Conservation

FCR:nb
Encl.

April 30, 1969

Pan American Petroleum Corporation
Box 487
Farmington, New Mexico

Attention: L. O. Speer, Jr.,
Area Superintendent File: H-476-970.3

Dear Mr. Speer:

Thank you for your letter of April 28th outlining the names of the supervisors affiliated with your company and who are authorized to sign the necessary forms required by this office.

As requested, we are inclosing herewith two additional copies of our current statewide rules and regulations governing the conservation of oil and gas in Arizona.

If we may be of service, please call on us at any time.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,
Supervisor, Oil and Gas
Conservation

mb
Encls.

PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico
April 28, 1959

File: H-476-980.3

Subject: Operations in the
State of Arizona

State Land Commissioner
Office of State Land Department
422 Arizona State Office Building
Phoenix, Arizona

Attention: Mr. Frederick C. Ryan, Supervisor
Oil and Gas Conservation

Gentlemen:

For your information and file, please be advised that the following Pan American Petroleum Corporation supervisors are authorized to sign drilling and production reports originating in the Farmington, New Mexico office of Pan American:

L. O. Speer, Jr., Area Superintendent
G. L. Hamilton, Area Clerk
R. M. Bauer, Jr., Area Engineer

It would be appreciated if you could furnish this office with two additional copies of Chapter III, Article II, Statewide Rules and Regulations, governing the conservation of oil and gas in Arizona, revised effective April 6, 1959.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


L. O. Speer, Jr.
Area Superintendent

DJS:ep

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