

Pan Amer. Petro. / AL & CC - B
SW/4-NE/4 Sec 9-Twp 16N-R 18E
Navajo, County

86

County Navajo

Area Holbrook

Lease No. Aztec Land & Cattle Co.

Well Name Pan American Petroleum Corporation / Aztec Land & Cattle Co. - B

Location SW NE Sec 9 Twp 16N Range 18E Footage 2002.7 FNL 1959.5 FEL

Elev 5678 Gr 5691 KB Date 7-8-59 Spud 7-8-59 Complete 8-21-59 Abandon 8-21-59 Total Depth 3936

Contractor: _____ Approx. Cost \$ _____

Drilled by Rotary X
Cable Tool _____

Casing Size 8 5/8 Depth 761 Cement 555sx

Production Horizon _____

Initial Production D & A

REMARKS: See reverse side of completion report, for tops, DST's, and cores. *in file*

Elec. _____
Logs GRN! Laterolog *(Reduced Log file Sel. Sec.)* Sample Log Am Strat
Applic Plugging Completion Sample Descript _____
to Plub X Record X Report X Sample Set T-1017 P-374/584
Cores _____

Water well - accepted by _____

Bond Co. & No. Seaboard Surety Company _____ 522932

Bond Am't \$ 10,000 Cancelled _____ Date _____ Organization Report ✓

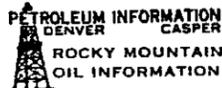
Filing Receipt 63628 dated 5-29-59 Well Book X Plat Book X

API # 02-077-05030 Loc. Plat X Dedication W 1/2 NE 1/4 9-16N-18E

*Sample 374 - ctss
589 - core*

PERMIT NO. 86 Date Issued 6-2-59

ARIZONA
NAVAJO COUNTY
WILDCAT (W)



Twp 16n-18e
Section 9
sw ne
2003 s/n 1960 w/e

OPR: Pan American Pet.

WELL #: 1 Aztec Land & Cattle "B"

ELEV: 5688 DF.

DSTS. & CORES:

SPUD: 7-18-59 COMPL: 8-21-59

*TOPS: Log-Samples

TD: 3936 PB:
CSG: 8-5/8" @ 761 w/555

Supai 779
Ft Apache 1800
Big A 1842
Naco 2827
Red Wall 2578
Devonian 3636
Basement 3835

Crd 1812-41, rec 29 silt.
Crd 1841-62, rec 21 silt.
DST 1805-83, 1 hr, rec
10 mud, FP 30#, SIP (30
min) 30#. DST 3625-87,
3 hrs, rec 200 MC salt
wtr, 880 salt wtr, FP 115-
550#, SIP 1315#.

PERF:

BROD. ZONE:

INIT. PROD: D & A.

Contr: Brannon & Murray

A06cc

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG						
DESIGNATE TYPE OF COMPLETION: Plugged & Abandoned September 21, 1959						
New Well <input type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/> Gas <input type="checkbox"/> Dry <input checked="" type="checkbox"/>
DESCRIPTION OF WELL AND LEASE						
Operator Pan American Petroleum Corporation			Address Box 487, Farmington, New Mexico			
Lease Name Aztec Land & Cattle Company "B"			Well Number 1	Field & Reservoir Wildcat		
Location 2002.70' from north line & 1959.51' from east line, Section 9, T16N, R18E, G&SRB&M						
County Navajo	Permit number 86	Date Issued 6-2-59	Previous permit number None	Date Issued None		
Date spudded 7-18-59	Date total depth reached 8-19-59	Date completed, ready to produce 8-21-59	Elevation (DF, RKB, RT or Gr.) RDB 5691 feet	Elevation of casing hd. flange GL 5678 feet		
Total depth 3936	P.B.T.D.	Single, dual or triple completion?		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) 0 - 3936	Cable tools used (Interval)		
Was this well directionally drilled? No		Was directional survey made?		Was copy of directional survey filed?		Date filed
Type of electrical or other logs run (check logs filed with the commission) all Laterolog, Gamma Ray-Neutron					Date filed 9-25-59	
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
Surface	12-1/4"	8-5/8"	22.7	761	555	None
TUBING RECORD			LINER RECORD			
Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement
in.	ft.	ft.	in.	ft.	ft.	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 None		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 bbla.	Gas prod. during test MCF	Water prod. during test bbla.	Oil gravity ° API (Corr)
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbla.	Gas MCF	Water bbla.	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 <u>Area Engineer</u> of the <u>Pan American Petroleum 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.						
September 25, 1959 Date			<u>R.W. Baum, Jr.</u> Signature			
<u>Charles Kalil, M.D.</u>			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. P-7 Authorized by Order No. <u>4-6-59</u> Effective <u>April 6, 1959</u>			

86

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Coconino	0	779	Sand & sandstone.
Supai	779	1800	Shale & sand.
Fort Apache	1800	2827	Limestone, dolomite & shale.
Naco (Pennsylvanian)	2827	3576	Limestone & shale.
Mississippian	3576	3626	Limestone & shale.
Devonian (Martin)	3628	3835	Limestone & shale.
Basement	3835	3936	Igneous.

SUPPLEMENTARY WELL HISTORY

Aztec Land & Cattle Company "B" Well No. 1 - spudded 12-1/4" hole on July 18, 1959 and drilled to 761'. 8-5/8" casing was set at 761' with 555 sacks of cement. Cement circulated. Tested 8-5/8" casing with 500 psi for 30 minutes, which held with no indication of pressure drop. Reduced hole to 7-7/8" and drilled to 3936'. Well was plugged and abandoned as follows on August 21, 1959.

1. Spotted 100 sacks cement plug 3475-3675 across base Pennsylvanian Mississippian and top of Devonian.
2. Spotted 75 sack cement plug 2040-2140 across base of anhydrite and salt in Supai.
3. Spotted 60 sack cement plug 730-830 in base of surface casing.
4. Spotted 10 sack cement plug 0 - 30 in top of surface casing and erected surface marker to extend 4' above ground level.
5. Used heavy mud-laden fluid between all plugs.

RESULTS OF DRILL STEM TEST

DST No. 1 1805-1883 - Tool open 1 hour. No blow. Recovered 10' of drilling mud no show. 30 minute initial bottom hole pressure shut in 30 psi, initial bottom hole pressure flowing 30 psi, final bottom hole pressure flowing 30 psi, 30 minute final bottom hole pressure shut in 30 psi hydrostatic in 1060 and out 1050. Bottom hole temperature 100.

DST No. 2 3625-3687 - Tool open 3 hours. Good blow immediately, decreased to weak at end of test. Recovered 200' mud cut salt water and 830' salt water. No show. Initial flowing bottom hole pressure 115 psi, final flowing bottom hole pressure 550 psi. Shut in bottom hole pressure 1315 psi, hydrostatic in 2025, out 2015 psi, bottom hole temperature 105.

RESULTS OF CORES

Core No. 1 1812-1841 recovered 29' dolomite and siltstone.
 Core No. 2 1841-1862 recovered 21' dolomite and siltstone.
 Core No. 3 3650-3668 recovered 17' as follows: 13' dolomite, 4' red shale, no show.
 Core No. 4 3668-3687 recovered 19' as follows: 7' dolomite, 1' green shale, 11' dolomite and scattered green shale, no show.

* 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 of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

A06cc

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION: Plugged & Abandoned September 21, 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 Aztec Land & Cattle Company "B" Well Number 1 Field & Reservoir Wildcat

Location 2002.70' from north line & 1959.51' from east line, Section 9, T16N, R18E, G&SRB&M Sec.-TWP-Range or Block & Survey

County Navajo Permit number 86 Date Issued 6-2-59 Previous permit number None Date Issued None

Date spudded 7-18-59 Date total depth reached 8-19-59 Date completed, ready to produce plugged 8-21-59 Elevation (DF, RKB, RT or Gr.) RDB 5691 feet Elevation of casing hd. flange GL 5678 feet

Total depth 3936 P.B.T.D. Single, dual or triple completion? 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) 0 - 3936 Cable tools used (interval)

Was this well directionally drilled? No. Was directional survey made? No. Was copy of directional survey filed? No. Date filed

Type of electrical or other logs run (check logs filed with the commission) all laterolog, Gamma Ray-Neutron Date filed 9-25-59

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Table with 7 columns: Purpose, Size hole drilled, Size casing set, Weight (lb./ft.), Depth set, Sacks cement, Amt. pulled. Row 1: Surface, 12-1/4", 8-5/8", 22.7, 761, 555, None.

TUBING RECORD

LINER RECORD

Table with 8 columns: Size, Depth set, Packer set at, Size, Top, Bottom, Sacks cement, Screen (ft.).

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Table with 4 columns: Number per ft., Size & type, Depth Interval, Am't. & kind of material used, Depth Interval.

INITIAL PRODUCTION

Date of first production None 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 Gas prod. during test Water prod. during test Oil gravity * API (Corr)

Tubing pressure Casing pressure Cal'ed rate of Production per 24 hrs. Oil Gas Water 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.

September 25, 1959 Date

RWBauer, Jr. Signature

Charles Kalit, m.d.

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. P-7 File two copies Authorized by Order No. 4-5-59 Effective April 6, 1959

86

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Formation	Top	Bottom	Description*
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5. Used heavy mud-laden fluid between all plugs.

RESULTS OF DRILL STEM TEST

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* 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 of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

PLUGGING RECORD

Operator Pan American Petroleum Corporation		Address Box 487, Farmington, New Mexico	
Name of Lease Aztec Land & Cattle Company "B"		Well No. 1	Field & Reservoir Wildcat
Location of Well 2002.70' FNL & 1959.51' FEL, Section 9, T-16N, R-18E G& SRB&M		Sec-Twp-Rge or Block & Survey	County Navajo
Application to drill this well was filed in name of Aztec Land & Cattle Company "B" No. 1	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: August 21, 1959	Total depth 3936	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.
None			

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
8-5/8"	761	None	761		

Was well filled with mud-laden fluid, according to regulations? **Yes**

Indicate deepest formation containing fresh water.
Coconino

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. File this form in duplicate with the State Land Commissioner. **See Reverse Side**

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.

August 28, 1959
Date

R.M. Bauer, Jr.
Signature

M. H. Haulon

Chairman

**OIL & GAS CONSERVATION
STATE OF ARIZONA**

Form No. P-15 Plugging Record File two copies
Authorized by Order No. **4-6-59**

Effective **April 6, 1959**

84
5

Aztec Land & Cattle Company "B" Well No. 1 was plugged and abandoned on August 21, 1959, as follows:

1. Spotted 100 sack cement plug 3475-3675 across base Pennsylvanian, Mississippian and top of Devonian.
2. Spotted 75 sack cement plug 2040-2140 across base of Anhydrite and Salt In Supai.
3. Spotted 60 sack cement plug 730-830 in base of surface casing.
4. Spotted 10 sack cement plug 0-30 in top of surface casing and erected surface marker to extend 4' above ground level.
5. Used heavy mud-laden fluid between all plugs.

000103



Pan American

B¹¹ - 1

Mr. Power + O.K.G.
Tel. cone. 8/20/59

el. 98 5678
RB 5691 - Depth reference

8 7/8" - 0-761 - 555 SA. in
7/6" to TD 3936 -

#1 DST. 1805-1883 - Supai - (Big A)
Rec. 10' m. no show - no pressure

DST. 3628-3857 - Dev.
Rec. 100' MC SW. 880' SW. no show.

surface

0-687 PC
687-2427 Supai.
3547 - Ft Apache 1800'
Big A. 1841 - 2090 - Anhy. bottom.
Wash 2438
Naco. 2827.

H.O. Well
TD 670 -
625-670 - PA
WL. - 590 - 615
16 Barrels/hr

3547-3626 - Miss
3626-3835 - Dev.
3835-3936 - (Metamorphic) - qtz. {

No



000103

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPROVED

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR

DATE **May 28, 1959**

PAN AMERICAN PETROLEUM CORPORATION

Address City State
P. O. Box 487 Farmington New Mexico

DESCRIPTION OF WELL AND LEASE

Name of lease Well number Elevation (ground)
Aztec Land & Cattle Company "B" 1 To be reported later.

Well location (give footage from section lines) Section—township—range or block & survey
2002.70' FNL & 1959.51' FEL 9 T16N R18E G&SRB&N

Field & reservoir (If wildcat, so state) County
Wildcat Navajo

Distance, in miles, and direction from nearest town or post office
20 miles southwest of Holbrook

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: Rotary or cable tools Approx. date work will start
4000' Rotary June 1, 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 Area Engineer of the Pan American Petroleum (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.

Signature

Permit Number: **86**
 Approval Date: **June 2, 1959**
 Approved By: **Obed M. Lassus**

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, 1959**

OK
 1/24/59

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.

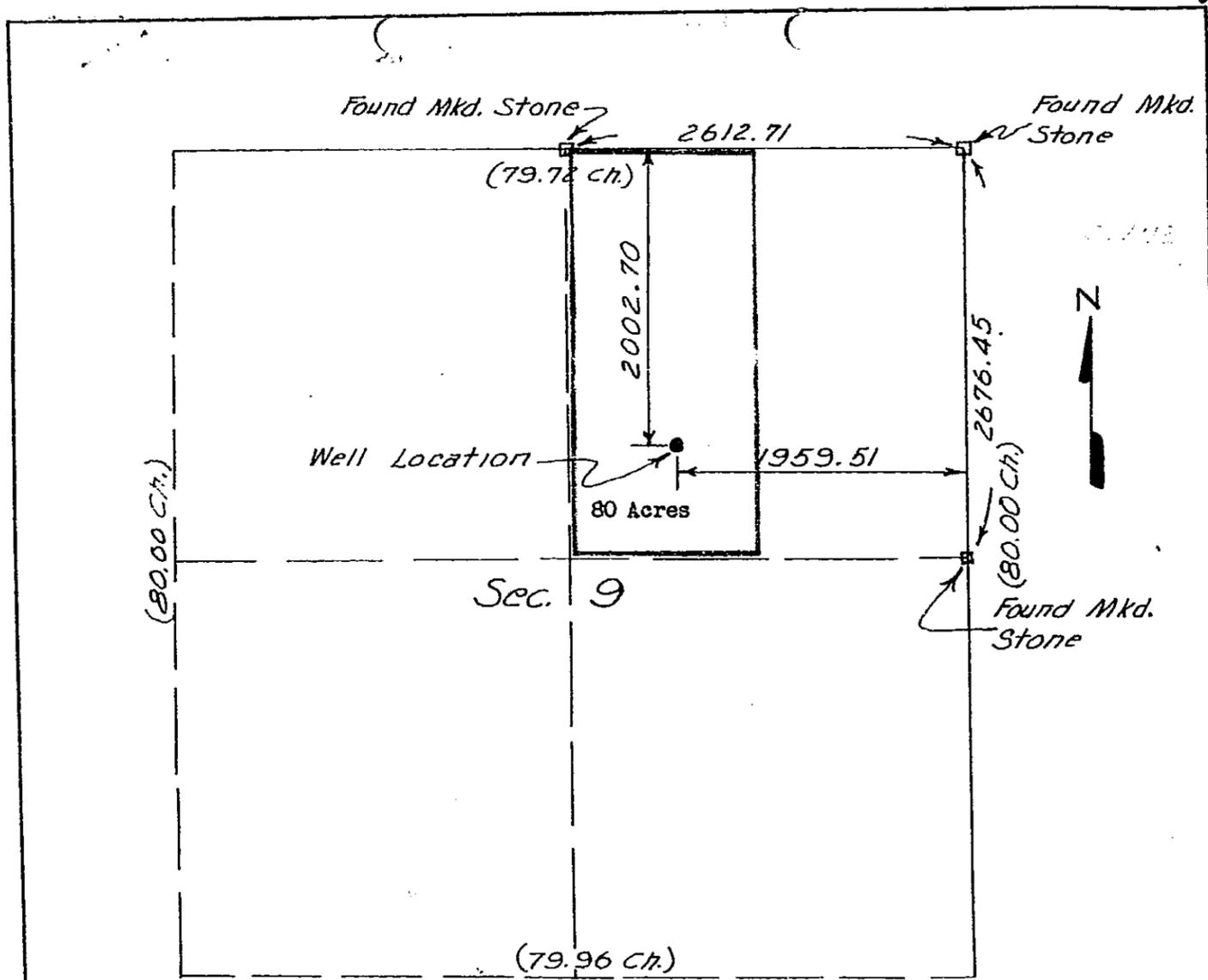
PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"	22.7	S-J Armco	X	X	600'	Circulate
5-1/2"	14	J-55	X	X	4000'	To be determined later.

1937

Form No. P-1

9101

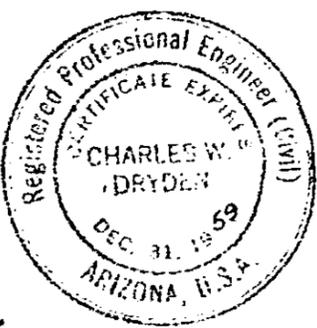


T16N R18E
 G. & S. R. B. & M. Navajo, County
 Arizona

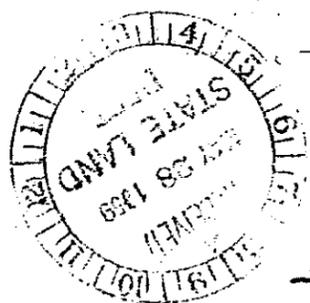
Location:
 2002.70' from North line
 1959.51' from East line
 Section 9, T-16-N, R-18-E

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. Dryden, Reg. Prof. Engr.

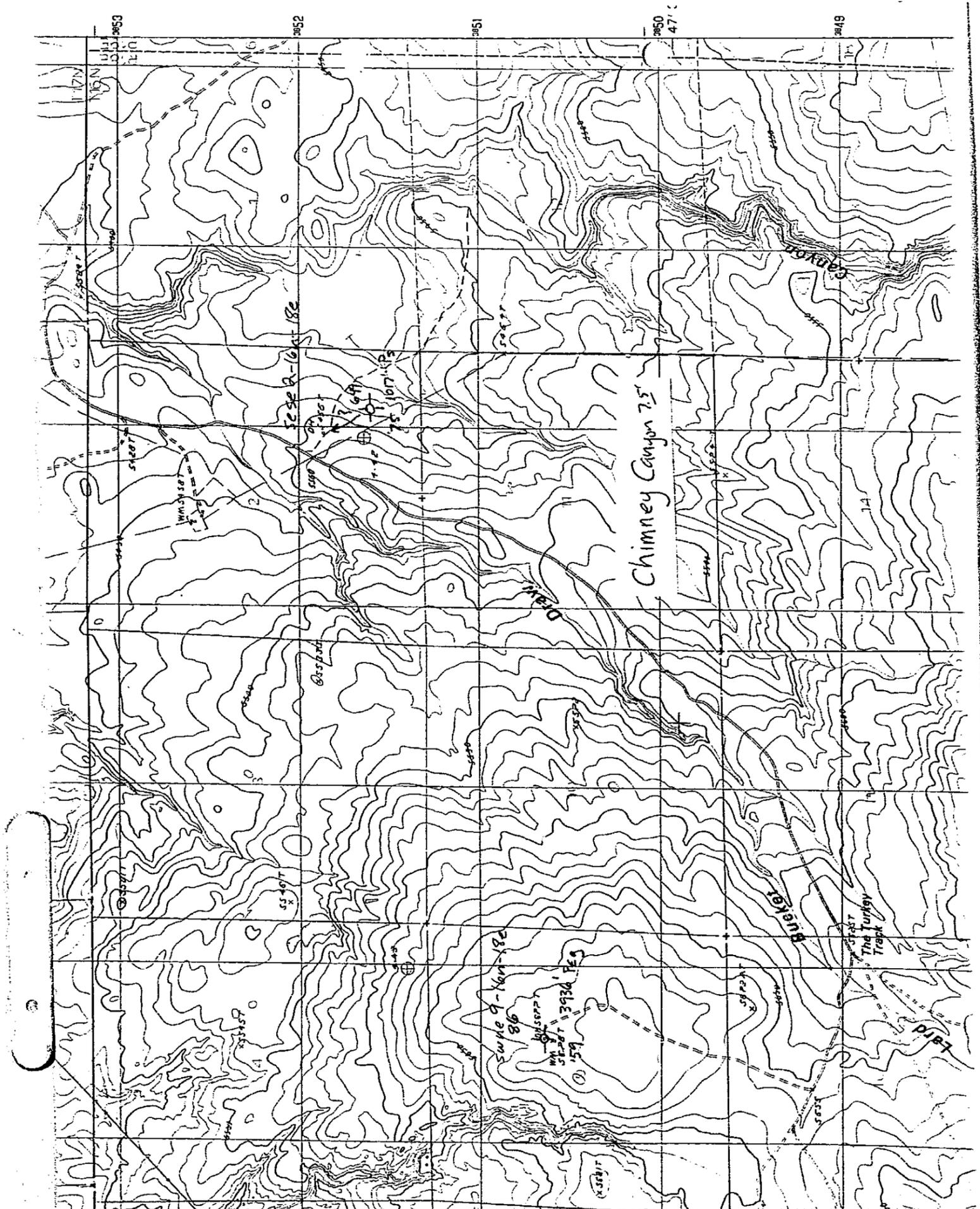


AZTEC LAND AND CATTLE COMPANY "B" No. 1
 Pan American Petroleum Corp.
 Fort Worth, Texas
 Scale: 1" = 1000' Date: May 1959
ARIZONA ENGINEERING CO.
 Flagstaff, Arizona



9045





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 86

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	0.06	
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	0.06	
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	NMAAZ Land "B"	25-12N-23E	3200'-3500'	U. Penn.
662	8504 Webb	30-1	NMAAZ Snowflake	30-14N-21E	3100'-3240'	Penn.
	8505	"	"	"	3320'-3360'	Penn.
660	8506 Webb	29-1	Rocking Chair	29-14N-20E	2900'-3110'	Penn.
	8507	"	"	"	3290'-3370'	Dev.
368	8508 Tenneco	1X	Ft. Apache Tr. 56	31-10N-21E	2500'-2770'	Penn.
	8509	"	"	"	2880'-2900'	Penn.
	8510	"	"	"	3110'-3230'	Penn.
	8511	"	"	"	3640'-3830'	Dev.

October 9, 1959

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

Re: Application to Abandon
and Plug
Lease - New Mexico &
Arizona Land Co. "A"

Gentlemen:

Enclosed, for your records, is your copy of
the Application to Abandon and Plug the
above well, located in Apache County,
660' from south line and 660' from east
line of Section 12, T-13-N, R-25-E.

Yours very truly,

D. A. Jerome
Executive Secretary

DAJ/mmr

Enclosures

October 1, 1959

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

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

Re: File # H-1172-400.1
Final Log, Aztec Land
& Cattle Co. "B" No. 1

Dear Mr. Speer:

We are herewith enclosing an approved copy
of your Completion Report; on the Aztec
Land & Cattle Company "B" No. 1.

Yours very truly,

D. A. Jerone
Executive Secretary

DAJ/mar

Enclosure

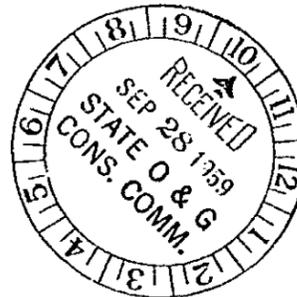
PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico
September 25, 1959

File: H-1172-400.1

Subject: Final Log
Aztec Land and Cattle Co. "B" No. 1

Arizona Oil and Gas Conservation Commission
Suite 312, 3500 North Central Avenue
Phoenix, Arizona



Gentlemen:

We are transmitting herewith three copies of the final log, Form P-7, Well Completion or Recompletion Report and Well Log, for Aztec Land and Cattle Company "B" Well No. 1, Section 9, T-16-N, R-18-E, Wildcat Field, Navajo County, Arizona.

Also included are two copies of the Laterolog and Gamma Ray-Neutron Log.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

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

LJL:ep

Attach.

NOTE: (Form P-7 - ORIG. & ONE COPY- O. & G. CONSERV. COMM FILE
(Well Completion or Recompletion Report & Well Log
(Plugged & Abandoned 9/21/59 -
(RETURN "ONE SIGNED COPY" WITH TRANSMITTAL LTR.

September 11, 1959

Pan American Petroleum Company
Box 487
Farmington, New Mexico

Gentlemen:

Enclosed for your records are your copies of your Application to Abandon and Plug and the Plugging Record for Aztec Land & Cattle Company "B" No. 1 well, located in Section 9, T-16 N., R-18 E., Navajo County, along with your copy of the Plugging Record for Aztec Land & Cattle Company "A" No. 1 well, located in Section 5, T-16 N., R-20E., Navajo County.

We are also enclosing a supply for forms for your use.

Yours very truly,

D. A. Jerome
Executive Secretary

DAJ/jds

September 1, 1959

Pan American Petroleum Corporation
Box 487
Farmington, New Mexico

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

Dear Mr. Speer:

We wish to acknowledge receipt of your letter dated August 31, 1959 in which you have requested a supply of the various forms pertaining to completion, abandoning and plugging of wells.

Please be advised that a supply of these forms will be mailed to you within a few days.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

D. A. Jerome,
Executive Secretary

mb

86

PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico
August 31, 1959

File: H-1062-980.3

Subject: Arizona Forms

Arizona Oil and Gas Conservation Commission
Suite 312
3500 N. Central Avenue
Phoenix, Arizona

Gentlemen:

Please forward the following Arizona forms to Mr.
L. O. Speer, Jr., Pan American Petroleum Corporation, Box 487,
Farmington, New Mexico:

- 50 ea. P-15, Plugging Record
- 50 ea. P-7, Well Completion or Recompletion
Report and Well Log
- 50 ea. 15A, Application to Abandon and Plug

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

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

LJL:ep



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June 4, 1959

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

Attention: E. M. Bauer, Jr., Field Engineer

Dear Mr. Bauer:

Transmitted herewith is the fee receipt and your copy of the approved Notice of Intention to Drill covering Pan American Petroleum Corporation - Astec Land & Cattle Company "A"-1 well, located in Section 5, Township 16 North, Range 20 East, also for your Astec Land & Cattle Company "B"-1 well, located in Section 9, Township 16 North, Range 18 East, Navajo County, Arizona. These approved Intentions constitute your Permits Numbers 85 and 86 respectively, dated June 2, 1959.

We are also inclosing a supply of forms, Plugging Record and Application to Abandon and Plug for your use.

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

mb
Encs.

86

PAN AMERICAN PETROLEUM CORPORATION

Box 487, Farmington, New Mexico
May 28, 1959

File: H-597-980.3

Subject: Application to Drill
Aztec Land and Cattle Co. "A" No. 1
Aztec Land and Cattle Co. "B" No. 1

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:

Attached please find amended applications to drill Aztec Land and Cattle Company "A" Well No. 1 and Aztec Land and Cattle Company "B" Well No. 1 filed to include the proposed casing program for these wells, which was inadvertently omitted on the original applications.

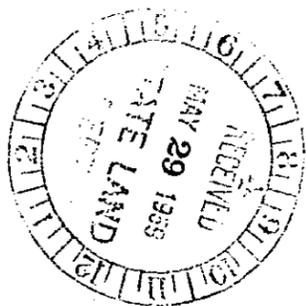
Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

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

LJL:ep

Attach.



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