

## Memorandum

To: Well File

From: Mark Weems, P.E.  
Regional Engineer - SW Colorado

Date: March 19, 2014

Subject: Current COGCC Well Status=DA  
**Current CDWR Well Status=Water Supply Well Permit #11438-F**

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**Monument Global Resources**  
**G. L. Veach #1**  
**NENW 3 34N 20W**  
**05-083-05149**

This well is currently used as a water supply well for the Cache Unit. It was originally drilled in 1957 to a depth of 5839' and later plugged back to 1375' in 1967 by Pan American for a water supply well.

Records indicate it is currently producing from the Entrada at a depth of 910'-930' (see attached CDWR page 2). A water test indicates 5083 TDS from CORE LABS; however, a hand written note over the test report indicates 12,000 ppm TDS (see attachment). I do know that CORE LABS analyzed a core from the Paradox. It appears that in a response back from the original operator in 1967-68, Vaughey & Vaughey, the former operator substituted in test results for the water well.

The regulatory jurisdiction falls under the Colorado Division of Water Resources for the well and for discharge concerns the Colorado Department of Public Health.

DEC 17 1968

STATE OF COLORADO  
DIVISION OF WATER RESOURCES  
OFFICE OF THE STATE ENGINEER

*cut*

RECEIVED  
SEP 3 1968  
GROUND WATER SL.  
COLORADO  
STATE ENGINEER

Index No. 92  
IDWD 7-32  
Use 5  
Registered \_\_\_\_\_

## MAP AND STATEMENT FOR WATER WELL FILING

PERMIT NUMBER 11438-F

STATE OF COLORADO )

SS

COUNTY OF Denver )

WELL LOCATION

Montezuma

County

Know all men by these presents: That the undersigned

Pan American Petroleum Corporationclaimant(s), whose address is Bldg. Security Life BuildingCity Denver Colorado, states:

Claimant(s) is (are) the owner(s) of the well described hereon;

the total number of acres of land to be irrigated from this well

is None; work was commenced on this well by actual con-struction 14th day of June, 19 57;the yield to be used from said well is 100 (gpm), forwhich claim is hereby made for waterflooding purposes;

that the average annual amount of water to be diverted is

200

acre-feet; and that the aforementioned

statements are made and this map and statement are filed in

compliance with the law.

X

Claimant(s)

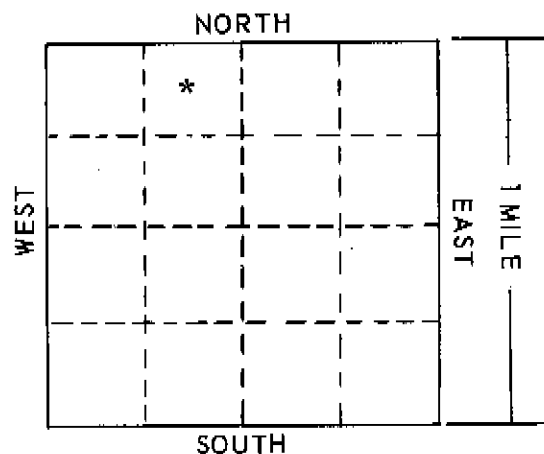
Subscribed before me on this Thirtieth day ofAugust, 19 68.My commission expires July 26, 1970

Notary Public

## WELL DATA

Date Completed November 10, 1957Static Water Level SurfaceTotal Depth Plug Back 1375NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , sec. 3T. 34N R. 20W, N.M. \_\_\_\_\_ P.M. \_\_\_\_\_

INDICATE WELL LOCATION ON DIAGRAM



WELL SHALL BE LOCATED WITH REFERENCE  
TO GOVERNMENT SURVEY CORNERS OR MON-  
UMENTS, OR SECTION LINES BY DISTANCE  
AND BEARING.

660 ft. from North section line.  
(North or South)

2890 ft. from East section line.  
(East or West)

Ground Water Basin None

Water Management  
District None

Domestic wells may be located by the following:

LOT \_\_\_\_\_, BLOCK \_\_\_\_\_

SUBDIVISION \_\_\_\_\_

FILING # \_\_\_\_\_

ACCEPTED FOR FILING IN THE OFFICE OF THE STATE ENGINEER OF COLORADO ON THIS

\_\_\_\_ DAY OF \_\_\_\_\_, 19 \_\_\_\_.

State Engineer

FORM TO BE MADE OUT IN QUADRUPLICATE: WHITE FORM MUST BE AN ORIGINAL COPY ON BOTH SIDES AND SIGNED.  
WHITE copy & GREEN copy must be filed with the State Engineer within 30 days after well is completed. PINK copy  
is for the Owner & YELLOW copy is for the Driller.

## WELL LOG

From	To	Type of Material	Water Loc.
Surf.	850	Morrison-Salt Wash Sands & Shales	-
850	1425	Entrada Sands and Shales	910- 930
Use additional paper if necessary to complete log.			

## WELL DATA

Type Drilling Rotary

HOLE DIAMETER:

17-1/2 in. from Surface ft. to 385 ft.

12 in. from Surface ft. to 1425 ft.

\_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

## CASING RECORD

Cemented from 300'-1425'

### Plain Casing

Size 13-3/8 and 48# / From Surf ft. to 385 ft.

Size 9-5/8 and 32.3# from Surf ft. to 910 ft.

Size 9-5 / ind 32.5 # from 930 ft. to 1425 ft.

### Perforated Casing

Size  $9-5/8$  kind 32.3 from 910 ft. to 930 ft.

Size           , kind            from            ft. to            ft.

Size , kind from ft. to ft.

### TEST DATA

Date Tested November, 1957

Type of Pump FlowLength of Test 24 Hr.

Constant Yield 88 GPM

Drawdown Nil

## WELL DRILLERS STATEMENT

Huron Drilling Co. - out of Business

being duly sworn, deposes and says:  
he is the driller of the well hereon  
described; he has read the statement  
made hereon; knows the content there-  
of, and the same is true of his own  
knowledge.

**X**

License No.

State of Colorado, County of \_\_\_\_\_) ss

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

My Commission expires \_\_\_\_\_, 19\_\_\_\_

**Notary Public**

## STATE OF COLORADO

APPLICATION FOR: ☒ A PERMIT TO USE GROUND WATER  
☒ A PERMIT TO CONSTRUCT A WELL  
☐ OTHER

Application must be completed satisfactorily before acceptance

## PRINT OR TYPE

## LOCATION OF WELL

APPLICANT Pan American Petroleum CorporationCOUNTY MontezumaStreet Address Security Life BuildingNE 1/4 NW 1/4, sec. 3City & State Denver, ColoradoT. 34N, R. 20W, NM P.M.

Drilling mud additive for oil well

Use of ground water drilling and waterfloodingOwner of land on which well Cache Reservoiris located Roscoe McGee, Elijah & ClaudiaNumber of Nell Blairacres to be irrigated none

Legal description of

irrigated land none

Other water rights on

this land none

Owner of irrigated

land ---

Aquifer(s) ground water is to be obtained

from Entrada

Ground Water Basin

Water Management

District

USE DIAGRAM ON THE BACK OF THIS SHEET TO  
LOCATE WELL.

Driller Huron Drilling Co. No. ---

Driller's

Address Farmers Life Building - Denver

\* [Signature]  
Its Attorney in fact Signature of Applicant

## ESTIMATED WELL DATA

Est. quantity of ground water to be claimed:

Est. Max. Yield 100 GPM or CFS

Est. average annual amount to be

used in acre-feet 700Storage capacity none AFAnticipated start of drilling 19

Oil well plugged 8-2-57; Converted 11-10-57

Hole Diameter:

12 in. from sur. ft. to 1210 ft.--- in. from --- ft. to --- ft.

Casing:

Plain 9-5/8 in. from 0 ft. to 1210 ft.--- in. from --- ft. to --- ft.Perf. 9-5/8 in. from 910 ft. to 930 ft.--- in. from --- ft. to --- ft.

PUMP DATA:

Type none HP ---

Outlet

Size ---

This application approved

PERMIT NUMBER 11438 - FDATE ISSUED JAN 31 1967

State Engineer

by

This application approved

CONDITIONAL PERMIT NO. ---

(Permit good for one (1) year after date of issuance)

DATE ISSUED ---

Chairman Ground Water Commission

by

(OVER)

RECEIVED  
JAN 25 1967  
GROUND WATER SECT.  
COLORADO  
STATE ENGINEER

THE LOCATION OF THE PROPOSED WELL SHALL BE SHOWN ON THE DIAGRAM BELOW. THE LOCATION WILL BE INDICATED BY THE DISTANCES FROM THE SECTION LINES, OR THE DISTANCE AND BEARING FROM GOVERNMENT SURVEY CORNERS OR MONUMENTS.

IF WELL IS FOR IRRIGATION, THE AREA TO BE IRRIGATED MUST BE SHADED OR CROSS-HATCHED.

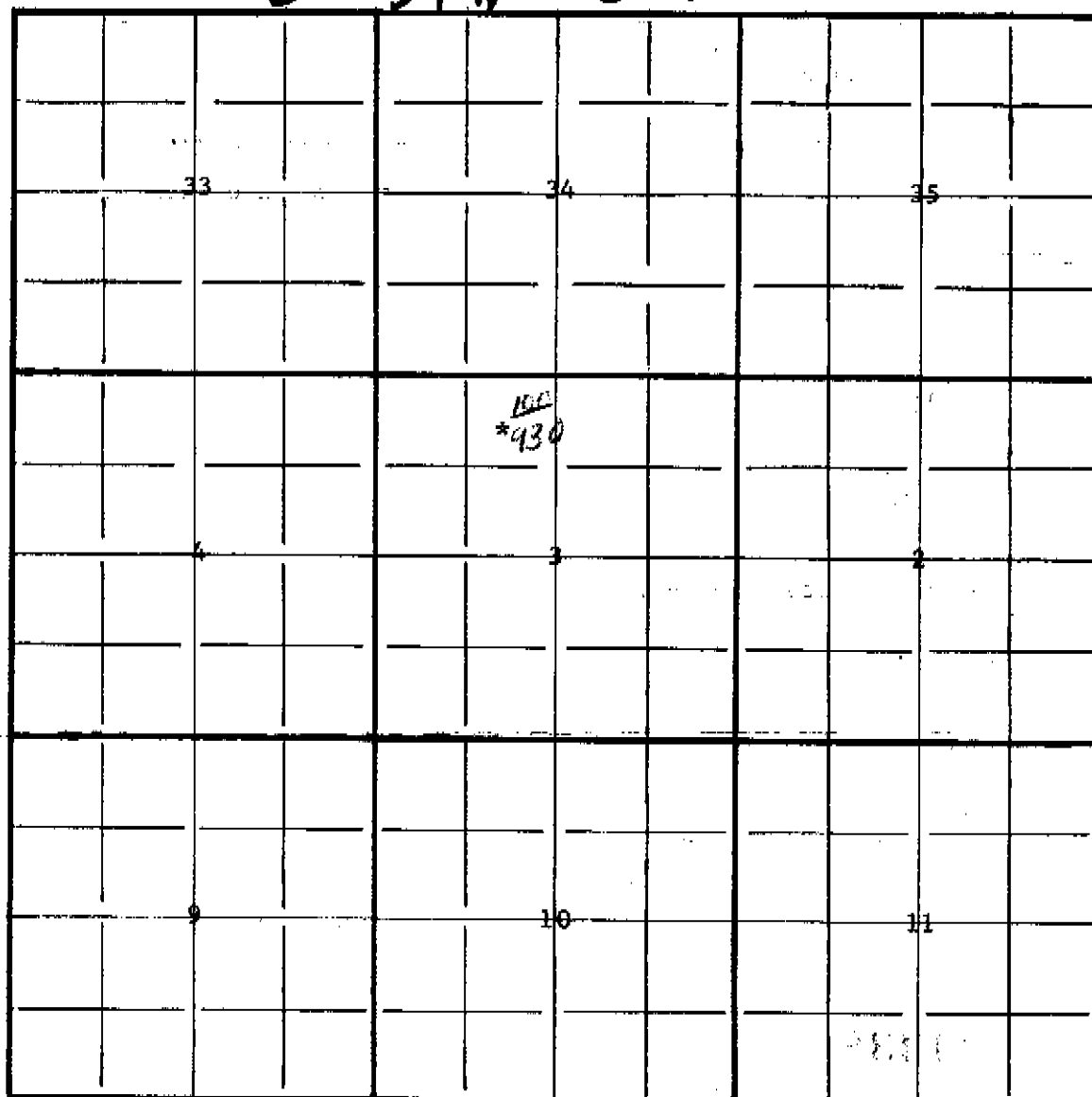
Domestic wells may be located by the following:

Lot \_\_\_\_\_ Block \_\_\_\_\_ Street Address \_\_\_\_\_  
or  
City \_\_\_\_\_  
Subdivision \_\_\_\_\_

The diagram represents nine (9) sections. Use the center square (section) to indicate the location of the well.

Montezuma 7-32

3 34 N 20 W



R20W

THE SCALE OF THE DIAGRAM IS TWO INCHES EQUALS ONE-MILE

J. E. WHITTEN  
State Engineer

A. RALPH OWENS  
Deputy

JOHN A. LOVE, Governor



L. T. BURGESS  
Chief Hydrographer

GLEN B. ROGERS  
Office Engineer

**OFFICE OF THE STATE ENGINEER**

232 STATE SERVICES BUILDING

1525 SHERMAN STREET

DENVER 3, COLORADO

August 13, 1968

**CERTIFIED MAIL**

**NO: 366500**

Pan American Petroleum Corporation  
Security Life Building  
Denver, Colorado

**PERMIT NO: 11438-F**

Gentlemen:

THIS IS TO ADVISE YOU that your conditional Permit No. 11438-F for construction of a well in the Northeast 1/4 of the Northwest 1/4 of Section 3, Township 34 North, Range 20 West of the 6th Principal Meridian, HAS EXPIRED.

The final well completion maps and statements have not been received in this office and the permit is null and void and any well drilled or used under it would be illegal.

Very truly yours,

Leonard A. Mercer  
Associate Water Resource Engineer  
Ground Water Section

LAM:gs

cc: Huron Drilling Co.



RECEIVED  
STATE ENGINEER  
DENVER, COLORADO

OFFICE OF THE STATE ENGINEER  
323 STATE SERVICE BUILDING  
1525 SHERMAN STREET  
DENVER 3, COLORADO

August 13, 1968

CERTIFICATE NO. 100-1000

TO THE BOARD OF WATER CONTROL AND IRRIGATION  
OF THE STATE OF COLORADO

REPLY TO NO. 100-1000

WHEREAS the Board of Water Control and Irrigation of the State of Colorado has requested the State Engineer to issue a certificate of approval for the construction of a well in the Northwest 1/4 of Section 10, Township 10 North, Range 52 West, and the State Engineer has approved the same.

THE STATE ENGINEER, after consideration of the application and the plans submitted, has approved the same and has issued this certificate of approval.

Very truly yours,

John A. Love, Governor  
State Engineer  
Denver, Colorado

TAMM  
100-1000-1000

No. 566500

RECEIPT FOR CERTIFIED MAIL—30¢

SENT TO Pan American Petroleum Corporation		POSTMARK OR DATE
STREET AND NO. Security Life Building		
P. O., STATE, AND ZIP CODE Denver, Colorado		
EXTRA SERVICES FOR ADDITIONAL FEES		
<input type="checkbox"/> Return Receipt Shows to whom and date delivered <input type="checkbox"/> 10¢ fee	<input type="checkbox"/> Shows to whom, date, and where delivered <input type="checkbox"/> 35¢ fee	<input type="checkbox"/> Deliver to Addressee Only <input type="checkbox"/> 50¢ fee

POD Form 3800  
Mar. 1955

NO INSURANCE COVERAGE PROVIDED— (See other side)  
NOT FOR INTERNATIONAL MAIL

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Show to whom, date, and  
address where delivered ☐ Deliver ONLY  
to addressee  
(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO. <b>PAN</b>		SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in) <b>PAN AMERICAN PETROLEUM CORP.</b>
CERTIFIED NO. <b>566500</b>		SIGNATURE OF ADDRESSEE'S AGENT, IF ANY <i>Donna Allen</i>
INSURED NO.		
DATE DELIVERED <b>AUG 14 1955</b>		SHOW WHERE DELIVERED (only if requested)

005-10-71545-10 GPO