

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

87 078902

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallagher Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

247

10. FIELD AND POOL, OR WILDCAT

Basin Dakota11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec 5, T 27N, R 12W**12. COUNTY OR
PARISH**San Juan**

13. STATE

New Mexico

19. ELEV. CASINGHEAD

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☐DRY ☐

Other _____

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

Other _____

2. NAME OF OPERATOR

Pan American Petroleum Corporation

3. ADDRESS OF OPERATOR

Security Life Building, Denver, Colorado, 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

790 FNL, 790 FNL Sec 5 NW NE

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3/30/66

16. DATE T.D. REACHED

4/7/66

17. DATE COMPL. (Ready to prod.)

5/6/66

18. ELEVATIONS (DF, RKB, BT, GR, ETC.)*

5705 RKB, 5692 GR

20. TOTAL DEPTH, MD & TVD

6018

21. PLUG, BACK T.D., MD & TVD

598422. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

Surface

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota 5876-596025. WAS DIRECTIONAL
SURVEY MADE**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

IRB, GR Sonic

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	240	350	12 1/2	225 sacks	None
4 1/2"	10.30	6018	77/8"	500 sacks- 1st stage	None
				550 sacks- 2nd stage	
				375 sacks- 3rd stage	

(stages at 4160 and 1463)

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5901	

31. PERFORATION RECORD (Interval, size and number)

5940-5960, 5876-91 with 4 shots/ft

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5940-60	500 gal 7 1/2% acid, 300,000# 20-40
5876-91	Sand, 10,000# 10-20 sand,
	20,000# 20-40 sand, 8000# 10-20sn.

33.*

DATE FIRST PRODUCTION

5/6/66

PRODUCTION METHOD

Flowing

Flowing, gas lift, pumping size and type of pump

WELL STATUS (Producing or
shut-in)**Shut-In**

DATE OF TEST

5/16/66

HOURS TESTED

3

CHOKE SIZE

3/4"

PROD. TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

383

CASING PRESSURE

947CALCULATED
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

4739

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold to El Paso Natural Gas Co.

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

ORIGINAL SIGNED BY

D. I. TOLLEFSON

SIGNED

D. I. Tollefson

TITLE

Administrative Assistant

DATE

MAY 31 1966

* (See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Stacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

CCY #247

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
No DST's taken on this well								
Brimley Well History								
Spudded 3/30/66. Drilled to 350. Cemented 8 5/8" 244 casing at 350 with 225 sacks						1305		
2 1/2 Gal. Drilled to TD 6018. Set 4 1/2 10.54 casing at 6018 with stage tools at 4160 and 1463.						1500		
Cemented first stage with 400 sacks "c" with 6% gel with 2 lbs. Medium tuf plug						2845		
per sack followed by 300 sacks "c" cement. Cemented second stage with 500 sacks						4070		
type "c" with 6% gel with 2 lbs. Medium tuf plug per sack followed by 50 sacks						4912		
"c" cement. Cemented third stage with 325 sacks class "c" with 6% gel with 2 lbs						5510		
medium tuf plug per sack followed by 50 sacks "c" cement. Drilled out to FWD						5752		
5984. Displaced hole with water containing .8% KCl with 2 1/2 lbs J-100 pump-out						5815		
gal. Spotted 500 gal 7 1/2 cid. Perforated 5940-60 with 4 shots/ft. Fraced with						5852		
42,000 gal water treated above with 30,000 lbs 20-40 sand and 10,000 lbs						5922		
10-20 sand. Breakdown pressure 1100. Fracting pressure 3300 at 55 Bbls/min.						6016		
Perforated 5976-91 with 4 shots/ft. Fraced with 24,544 gal water treated as								
above with 20,000 lbs 20-40 sand and 8,000 lbs. 10-20. Breakdown pressure 1600.								
Fracting pressure 3300 at 67 Bbls/min. Drilled out and cleaned out to FWD 5984.								
Well killed off. On 5/16/66 well flowed at the rate of 4/30 MCF/day on 3/4" chokes. TFF WOB. CFW 947.								

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator PAN AMERICAN PETROLEUM CORPORATION			Lease GALLEGOS CANYON UNIT (DAKOTA)		Well No. 247
Unit Letter A	Section 5	Township 27 NORTH	Range 12 WEST	County SAN JUAN	
Actual Footage Location of Well: 790 feet from the NORTH line and 790 feet from the EAST line					
Ground Level Elev. REPORT LATER	Producing Formation DAKOTA	Pool BASIN DAKOTA	Dedicated Acreage: 320.14 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

(X) Yes () No If answer is "yes," type of consolidation Unitization **MAR 14 1966**

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse of form if necessary.) **OIL CON. COM. DIST. 3**

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

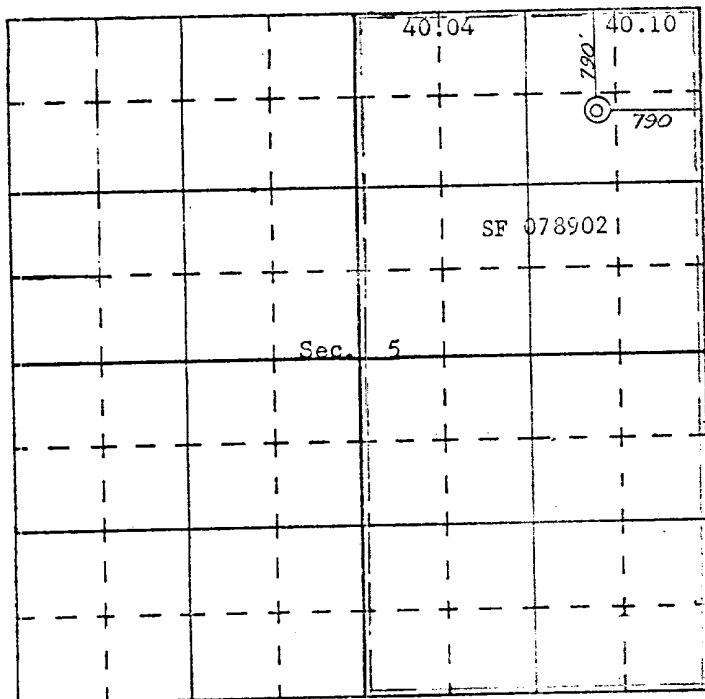
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

G. W. Eaton, Jr.
 Name
G. W. Eaton, Jr.
 Position
Area Engineer
 Company
PAN AMERICAN PETROLEUM CORP.
 Date
March 7, 1966

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

March 7, 1966
 Date Surveyed
James P. Loess
 Registered Professional Engineer
 and/or Land Surveyor
James P. Loess
1463
 Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.