

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

At surface

990' PGL & 790' FWL

At top prod. interval reported below

At total depth

SAME

14. PERMIT NO.

OIL CON. COM.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

87-078828-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallagher Canyon Unit

8. FARM OR LEASE NAME

11

9. WELL NO.

211

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SW/4 SW/4 Sec. 27, T28N-R12W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*

19. ELEV. CASINGHEAD

15. DATE SPUNDED

3/19/66

16. DATE T.D. REACHED

3/27/66

17. DATE COMPL. (Ready to prod.)

3/23/66

(RKB) 5745

20. TOTAL DEPTH, MD & TVD

6156

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

6120

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

Surface to 6156

CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
5976-5987, 5999-6003, 6038-6040, 6076-6083 (Dakota)

27. WAS WELL CORED

NO

NO

Induction electric, Gamma Ray Radio

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	361	12-1/4"	200 sacks	NONE
4-1/2"	10.50	6156	7-7/8"	300 sacks 1st. stage	NONE
				350 sacks 2nd. stage	
				400 sacks 3rd. stage	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3983	

31. PERFORATION RECORD (Interval, size and number)

5976-5987, 5999-6003, 4 shots per foot

6038-6040, 2 shots per foot

6076-6083, 4 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5976-5987	500 gallons acid, 27,000 gal. water, 30,000 lbs. sand
6038-6040	not fractured

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/23/66		Flowing				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/1/66	3	3/4	→		400		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
259	408	→		320			

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

To be sold to El Paso Natural Gas Company

TEST WITNESSED BY

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. TOLLESON
SIGNED D. I. Tolleason TITLE Administrative Assistant DATE June 13, 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: "Sacks 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.)

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 CEMENT							
NO TEST							
WELL HISTORY				LOG NAME	1439		
Well was spudded on 3/19/46 and drilled to a depth of 361 where 2-5/8" casing was set with 200 sacks type "A" cement containing 21 CACI. Well was drilled to a depth of 6156 where 4-1/2" casing was set with stage tools set at 4398 and 1604. Cemented first stage with 400 sacks containing 65 gal and 2 lbs. medium tuf plug per sack followed by 100 sacks "C" neat cement. Cemented second stage with 300 sacks "C" cement containing 65 gal and 2 lbs. medium tuf plug per sack followed by 30 sacks neat cement. Cemented third stage with 150 sacks "C" cement containing 65 gal and 2 lbs. medium tuf plug per sack followed by 30 sacks "C" neat cement. Displaced casing with water containing 65 potassium chloride and 2-1/2 lbs. J-100. Spotted 500 gallons acid. Perforated 2976-2987 and 2995-6003 with 4 shots per foot. Frased with 27,000 lbs. 20-40 sand and 5,000 lbs. 10-20 sand. Breakdown pressure 2300, treating 2000. Perforated 6038-6060 with 2 shots per foot and 6074-6083 with 4 shots per foot. 2-3/8" tubing was landed at 5983 and on 5/23/46 well was completed as shut in Basin Dakota Field Gas Development Well. On 6/1/46 well flowed 1301 MCFD with tubing pressure flowing 239 and casing pressure flowing 608. Top pay Dakota 5933.	Flinted Cliffs	1635					
				Louis Shale	3020		
				Monterey	4150		
				Monterey	5058		
				Gallup	5640		
				Base Gallup	5862		
				Greenhorn	5930		
				Greenhorn Shale	5975		
				Greenhorn Dakota	6030		
				Main Dakota			