Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions 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 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1190' FSL and 990' FWL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
SF 078504

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.
232

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SW/4 SW/4 Section 26, T-28-N, R-12-W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. PERMIT NO. — DATE ISSUED
SAME

15. DATE SPUDDED: 3/9/66
16. DATE T.D. REACHED: 3/18/66
17. DATE COMPL. (*Ready to prod.*): 4/18/66
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: RDB 5844
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 6301
21. PLUG, BACK T.D., MD & TVD: 6270
22. IF MULTIPLE COMPL., HOW MANY
23. INTERVALS DRILLED BY → ROTARY TOOLS: Surface to 6301
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6165-90, 6093-6097, 6113-6118 Dakota

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Electric Log Gamma Ray Sonic

27. WAS WELL CORED
NO

RECEIVED
MAY 18 1966
OIL CON. COM.
DIST. 3

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"	24#	357	12-1/4	200 Sacks	NONE
4-1/2"	10.5#	6301	7-7/8	300 sacks 1st. Stage	NONE
				550 sacks 2nd. Stage	
				400 sacks 3rd. Stage	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	6098	

31. PERFORATION RECORD (*Interval, size and number*)
6165-90 with 4 shots per foot
6093-6097, 6113-6118, 4 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6165-6190	500 gallons 7-1/2% Acid
6093-6118	43,500 gallons water, 30,000 lbs sand
	33,150 gallons water, 30,000 lbs sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
4/18/66	Flow	Shut In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/27/66	3 hours	3/4			650		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
419	938			5200		

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

MAY 17 1966
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

ORIGINAL SIGNED BY
SIGNED D. I. TOLLEFSON D. I. Tollefson TITLE Administrative Assistant DATE 4/25/66

*(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.
NO CORE NO DST			
WELL HISTORY			
			Well was spudded on 3/9/66 and drilled to a depth of 357 where 8-5/8" casing was set with 200 sacks Type "A" cement containing 2% CaCl. Well was drilled to a total depth of 6301 and 4-1/2" casing was set at that depth with stage tools at 4469 and 1743. Cemented first stage with 400 sacks Type "C" cement containing 6% Gel and 2 lbs medium tuf plug per sack and 100 sacks "C" neat cement. Cemented second stage with 500 sacks "C" cement containing 6% gel and 2 lbs tuf plug per sack and 50 sacks "C" neat cement. Cemented third stage with 350 sacks type "C" containing 6% gel and 2 lbs. tuf plug per sack and 50 sacks type "C" neat cement. Displaced casing with water containing 2-1/2 lbs FR-8 per 1,000 gallons water and 8% potassium cloride. Spotted 500 gallons 7-1/2% acid. Perforated 6165-6190 with 4 shots per foot. Fractured with 43,500 gallons water treated as above and 40,000 lbs 20-40 sand and 10,000 lbs 10-20 sand. Breakdown pressure 2050, treating pressure 3075, average injection rate 66 BPM. Bridge plug set at 6140. Perforated 6093-6097 and 6113-6118 with 6 shots per foot. Fractured with 33,150 gallons water treated as above and 30,000 lbs. sand. Breakdown pressure 1800, treating pressure 3400, average injection rate 40 BPM. 2-3/8" tubing was landed at 6098 and on 4/18/66 well was completed as a shut-in, Basin Dakota Field development well. On 4/27/66 well flowed 5200 MCF. Casing pressure flowing 950, tubing pressure flowing 419. Top pay Dakota 6062.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
LOG TOPS		
Pictured Cliffs	1598	
Lewis Shale	1780	
Mesaverde	3160	
Menefee	4318	
Gallup	5210	
Base Gallup	5805	
Green Horn	5998	
Greenros Shale	6053	
Greenros Dakota	6091	
Main Dakota	6157	

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