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 [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR: P. O. Box 480, Farmington, New Mexico

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1980' FNL & 720' FEL
At top prod. interval reported below
At total depth: Same

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OCT 19 1966
OIL CON. COM.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.: SF-080844-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Gallegos Canyon Unit

8. FARM OR LEASE NAME:

9. WELL NO.: 254

10. FIELD AND POOL, OR WILDCAT: Pinon Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE/4 SE/4 Section 19 T-28-N, R-11-W

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

14. PERMIT NO.: DATE ISSUED:

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9-24-66	10-2-66	10-13-66	5708' GL, 5720' KB	--

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5742'	5708'		→	Surf. to 5742'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5628-5648' Pinon Gallup

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction-Electric Log

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"	24#	216'	12-1/4"	150 sacks	None
4-1/2"	10.5#	5742'	7-5/8"	300 sacks - 1st Stage	None
				1150 sacks - 2nd 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"	5687'	

31. PERFORATION RECORD (*Interval, size and number*): 5628-5648' 4 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5628-48'	Spearhead with 500 gals. acid & 2000 gals. oil; 30,000 gals. oil, 30,000 lbs. 20-40 sand, 10,000 lbs. 10-20 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
10-14-66	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-15-66	24	23/64"		128			

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
128 psig	475 psig		128			

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

TEST WITNESSED BY:

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OCT 18 1966
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

35. LIST OF ATTACHMENTS:

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

SIGNED: Lee Stiteler TITLE: Petroleum Engineer DATE: October 17, 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.
No Cores No Drill Stem Tests			
Well History Well spudded 9-26-66 and drilled to a depth of 216' where 8-5/8" casing was set with 150 sacks Class "A" cement containing 2% CaCl. Well was drilled to a depth of 5742' where 4-1/2" casingwas set with stage tool set at 4380'. Cemented first stage with 400 sacks Type "C" containing 6% Gel and 2 lbs. Medium Tuf Plug per sack and 100 sacks Class "C" Neat. Circulated 20 barrels cement. Cemented second stage with 1100 sacks Type "C" cement containing 6% Gel and 2 lbs. Medium Tuf Plug per sack followed by 50 sacks "C" Neat. Circulated 30 barrels cement. Tested each stage to 3500 lbs. Cleaned out and circulated casing clean. Displaced casing with oil and 75 lbs. Adomite Mark II per 1000 gals. Spotted 500 gallons 15% acid and perforated Pinon Gallup 5628-40' with 4 shots per foot. Sandwashed with 2000 gallons oil and 75 lbs. Adomite Mark II per 1000 gallons and 50 gallons C-17 and C-6 friction reducer per 1000 gallons. Sand-oil fraced with 30,000 gallons oil and 50 lbs. Adomite Mark II per 1000 gallons and with friction loss additives as above and 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 2300, treating pressure 3600-3200, AIR 36.4 BPM. 2-3/8" tubing was landed at 5687' and on 10-14-66 well was completed as Pinon Gallup Field flowing oil well. Potential tested 128 BO, 23/64" choke with TFP 120 and CFP 475. Top pay Gallup 5625'.			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliffs	1602'	
Lewis Shale	1647'	
Mesaverde	3130'	
Mancos	4300'	
Gallup	5211'	

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