

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCT 20 1969
 OIL CON. COM.
 DIST. 3

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
591 Airport Drive, Farmington, New Mexico - 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface **1460' FHL & 1350' FHL, Unit "B"**
 At top prod. interval reported below
 At total depth **Same**

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED **7-9-69** 16. DATE T.D. REACHED **8-21-69** 17. DATE COMPL. (Ready to prod.) **9-26-69** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **GM 6581 RKB 6595** 19. ELEV. CASINGHEAD **6581**

20. TOTAL DEPTH, MD & TVD **7434** 21. PLUG, BACK T.D., MD & TVD **7430** 22. IF MULTIPLE COMPL., HOW MANY* **-** 23. INTERVALS DRILLED BY **Q-10** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7076 - 7302, Dakota

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Electrical and Gamma Ray Acoustic

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOSE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	248	467	12-1/4"	300 ex	
6-1/2"	10.38	7434	7-7/8"	1675 ex w/DV @ \$341 & 1049	
				(1st 300 ex, 2nd 330 ex, 3rd 625 ex)	

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"	7090'	

31. PERFORATION RECORD (Interval, size and number)
7203-10, 7216-21, 7240-44, 7252-55, 7297-7302 w/2 SPV
7076-80 w/2 SPV

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7203-7302	500 gal 13% HCL frac w/13,500 gal wt @ 20,000# 20-40 ex @ 10,000#
7076-85 *	10-20 ex. @ 300 gal 13% HCL frac w/36,000 gal wt @ 20,000# 20-40 ex @ 10,000# 10-20 ex.

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-3-69	3 hrs.	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
185 psig	322 psig	→		2312 (AGF 2398)			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
To be sold to El Paso Natural Gas Company

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
G. W. Eaton, Jr.

TITLE
Area Engineer

DATE
October 14, 1969

7. UNIT AGREEMENT NAME
Jicarilla Grants 146

8. FARM OR LEASE NAME

9. WELL NO.
17

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NE/4 Section 3, T-25-N, R-3-W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

RECEIVE

***(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.
Gramercy Dakota Main Dakota	7074' 7204'	7098' 7265'	Natural gas with some condensate and water Natural gas with some condensate and water

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland	2560'	
Pictured Cliffs	2868'	
Lewis Shale	2960'	
Cliffhouse	4530'	
Nemaco Shale	5270'	
Gallup	5717'	
Greenhorn	6995'	
Gramercy Shale	7032'	
Gramercy Sand	7074'	
Main Dakota	7204'	