

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

5. LEASE DESIGNATION AND SERIAL NO.

LC-032450(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

SOUTH MATTIX UNIT

8. FARM OR LEASE NAME

9. WELL NO.

19

10. FIELD AND POOL, OR WILDCAT

FOWLER LOWER Paddock GAS COIL RIM

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

22-24-37 NMPM

12. COUNTY OR PARISH

LEA

13. STATE

N.M.

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 Corp.

3. ADDRESS OF OPERATOR
Box 68 Hobbs New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660 FNL X 1980 FWL, Sec. 22 (UNITC, NE 1/4 NW 1/4)
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 10-5-65 16. DATE T.D. REACHED 10-25-65 17. DATE COMPL. (Ready to prod.) 11-1-65 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3277' ROB 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 5767' 21. PLUG BACK T.D., MD & TVD 5730' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY ROTARY TOOLS -> O-TD CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5444 - 5729' BLINEBRY 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN ACOUSTIC-GAMMA RAY, LATEROLOG COMPUTED POROSITY 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
9 5/8"	32.3	1053'	12 1/4	550	
7"	20+23	5767'	8 3/4	550	

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	5430	5400

31. PERFORATION RECORD (Interval, size and number)

5444-49; 5485-90; 5527-30;
5605-11; 5632-35; 5714-16;
5726-29;

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5444-5729	2000 gal acid Frac - 30000 gal oil - 30000 # SN. - 4000 # GLASS BEADS

33. PRODUCTION

DATE FIRST PRODUCTION 11-10-65 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-11-65	24	12/64	->	122	109	30	893

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
650	PKR	->				38°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD TEST WITNESSED BY M. R. FRAZIER

35. LIST OF ATTACHMENTS NONE

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

SIGNED V. E. STALEY TITLE Area Supl DATE 12-15-65

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

03-USGS
1-JUL
1-AC
1-WF
1-RRY
1-COALO
1-DTL
1-TENNECO

mf

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; CORE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Blumberg	5444	5729	Oil & Gas Producing Zone

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Arby	1047	
Yates	2508	
Queen	3182	
Haddock	4927	
Blumberg	5295	

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