Copy to 37.

Form 9-330
(Rev. 5-63)

N. M. O. C. C. COPY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.: NM 0556590

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal 33 Gas Com.

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Undesignated Bluitt, Upper Penn. Gas

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 33, T-21, R-23 NMPM

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

Corrected Copy

RECEIVED
DEC 13 1965
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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, A Division of Cities Service Oil Co. ✓

3. ADDRESS OF OPERATOR: 3610 Avenue S - Snyder, Texas

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: Unit J; 1650' FSL and 1650' FEL of Sec. 33, T-21-S R-23E
At top prod. interval reported below: Same as above
At total depth: Same as above

14. PERMIT NO. — DATE ISSUED: DEC 14 1965 O. C. C. ARTESIA, OFFICE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8-6-65	10-1-65	11-4-65	Gr. 4051	4049

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
7625	7544	Single	→	Rotary	None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 7066-7251 Cisco Canyon

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: IEL, GR/C

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
13-3/8	48	241	17½	300 sxs to surface	None
8-5/8	32	2290	11	875 sxs to surface	None
5½	14, 15.5	7625	7-7/8	200 sxs cement	None

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	7058	6990

31. PERFORATION RECORD (*Interval, size and number*)
7066, 68, 70, 88, 90, 92, 94, 96, 98, 7100, 02, 04, 06, 7121, 23, 25, 30, 32, 34, 7154, 56, 58, 60, 80, 72, 74, 76, 78, 7180, 82, 84, 89, 91, 93, 95, 97, 99, 7219, 21, 23, 31, 33, 7235, 37, 47, 49, 51

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7066-7251	3000 gals NEA with 60 RCN balls

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
11-4-65	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-9-65	4	18/64 to 24/64	→		24h absolute open flow potential		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2141	0	→	11.91/bbl NMEX	58,900	0	39.5

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

TEST WITNESSED BY: D. N. Morris

35. LIST OF ATTACHMENTS: Absolute open flow potential

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

SIGNED: B. Davidson — TITLE: Lead Drilling Engineer — DATE: 12-10-65

*(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.
Cisco-Canyon	7055	7443	Dolomite No cores or tests

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	410	
Glorieta	1900	
Wolfcamp	6[illegible]	
Cisco-Canyon	703[illegible]	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636