

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

MM - 048568

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal Gas Com "J"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 24, T27N-R12W

12. COUNTY OR
PARISH

San Juan

13. STATE

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

3. ADDRESS OF OPERATOR

Security Life Building - Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements.)

At surface

1850 FNL, 1190 FNL, Section 24 SE NE

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-23-66

16. DATE T.D. REACHED

6-1-66

17. DATE COMPL. (Ready to prod.)

6-28-66

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6091 RKB, 6078 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6391

21. PLUG, BACK T.D., MD & TVD

6356

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Surface to
6391

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

6300-20 Dakota

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, GRS

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"	244	342	12-1/4"	215 sacks	None
4-1/2"	10.5#	6391	7-7/8"	500 sacks - 1st stage 1100 sacks - 2nd stage stage tool at 4358	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6281	

31. PERFORATION RECORD (Interval, size and number)

6300-20 w/4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6300-20	500 gal 7-1/2" acid 40,000# 28-40 sand, 10,000# 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)	
6-28-66		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-6-66	3	3/4"	→		396		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	TEST WITNESSED BY (NOOR.)	
256	603	→		3166		RECEIVED	

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

SIGNED

ORIGINAL SIGNED BY
H. M. SMITH

TITLE Administrative Assistant

DATE 7-14-66

*(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 33.

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.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
DST's or Cores Supplemental Well History - Sacks Class "A" cement w/2% CACL. Drilled to 342. Cemented 8-5/8" casing at 342 w/215 with stage tool at 4338. Cemented first stage w/400 sacks Type "C" w/6% gel and 2 lbs Tuf Plug per sack, followed by 100 sacks Type "C" Meas. Cemented second stage w/1000 sacks Type "C" with 6% gel and 2 lbs. Tuf Plug per sack followed by 100 sacks Type "C" Meas. Drilled out and cleaned out to FPD 6356. Displaced hole w/.8% KCL with 2 1/2 lbs. FR-2 and spotted 500 gal 7 1/2 acid. Perforated 6300- 20 w/4 SW. Fraced w/56,700 gal water treated as above w/40,000 lbs 20-40 sand and 10,000 lbs 10-20 sand. Breakdown pressure 1500. Treating pressure 3350 at 59 Mbs/Min. cleaned out to FPD 6356. 2-3/8" tubing was landed at 6281 and on 6-28-66 well was completed as Basin Dakota Field shut-in gas well. On 7-6-66 well flowed 3166 MCFD with tubing pressure flowing 256 and casing pressure flowing 603. Top pay Dakota 6182.	Log Tops Pictured Cliffs Lewis Shale Manverde Mancoes Gallup Base Gallup Greenhorn Greensboro Shale Greensboro Dakota Main Dakota	1660 1965 3225 4434 5235 5875 6120 6172 6243 6280					