

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF-078926-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit-Dakota

8. FARM OR LEASE NAME

9. WELL NO.

163

10. FIELD AND POOL, OR WILDCAT

Basin Dakota11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**SW 1/4, SE 1/4, Sec 26, T-29-N,
R-13-W NMPH**

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ WELL GAS ☒ WELL OTHER

2. NAME OF OPERATOR

PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

Box 480 Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface**840 FSL and 1525 FEL, Section 26, T-29-N, R-13-W**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5745 (RDE.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) **Well History**REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above well was spudded on April 24, 1964 and drilled to a depth of 367'. 8 5/8" casing was set at that depth with 225 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 750 psi. Test OK. Reduced hole size to 7 7/8" and resumed drilling.

Well was drilled to a total depth of 6326 and 4 1/2" casing was landed at that depth with stage collar at 4394. First stage cemented with 400 sacks cement containing 6% gel, 2 pounds Tuf Plug per sack, followed by 100 sacks neat cement. Second stage cemented with 1100 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack. Cement circulated to surface. After waiting on cement tested casing with 3500 psi. Test OK

Perforated 6217-29 and 6240-52 with 2 shots per foot. Fracked these perforations with 42,210 gallons water containing 1% calcium chloride, 7 pounds J-2 per 1000 gallons and 40,000 pounds sand. Breakdown pressure, 1800, treating, 3000. Average injection rate 48 RPM. Set Bridge Plug at 6190 and tested with 3500 psi. Test OK. Perforated 6118-28 with 2 shots per foot. Had communication and did not frack.

2 3/8" tubing landed at 6137 and well completed May 19, 1964 as Basin Dakota Field Development Well. Preliminary test, 7500 MCFD.

ORIGINAL SIGNED BY

18. I hereby certify that the foregoing is true and correct

Fred L. Nabors

SIGNED

Fred L. Nabors

TITLE

District Engineer

DATE

May 21, 1964

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

MAY 25 1964

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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

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 CORPORATION															
3. ADDRESS OF OPERATOR Box 480 Farmington, New Mexico															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface S40 FSL and 1525 FEL, Sec. 26, T-29-N, R-13-W At top prod. interval reported below At total depth Same															
			14. PERMIT NO.	DATE ISSUED											
15. DATE SPUDDED		16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD										
4-24-64		5-4-64	5-19-64	5745 (ROB)											
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										
6326	6290		→	0-6326											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Craneros Dakota 6116-6150 Main Dakota 6202-6260					25. WAS DIRECTIONAL SURVEY MADE No										
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric and Gamma Ray Sonic					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#	367	12-1/4"	225 Sacks	None										
4-1/2"	10.5#	6326	7-7/8"	1600 Sacks	None										
29. LINER RECORD			30. TUBING RECORD												
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)										
31. PERFORATION RECORD (Interval, size and number) 6217-29 and 6240-52 with 2 shots per foot. 6118-28 with 3 shots per foot.			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>6217-6252</td> <td>42,210 gal water & 40,000 lb. sand</td> </tr> <tr> <td>6118-6128</td> <td>Did not frack.</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	6217-6252	42,210 gal water & 40,000 lb. sand	6118-6128	Did not frack.				
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6217-6252	42,210 gal water & 40,000 lb. sand														
6118-6128	Did not frack.														
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow			WELL STATUS (Producing or shut-in) shut-in										
					MAY 26 1964										
					OIL CON. CO. M.										
					DIST. 3										
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO								
5-19-64	3	3/4	→		937										
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY—API (CORR.)									
600	1200	→		7500											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Company					TEST WITNESSED BY MAY 25 1964										
35. LIST OF ATTACHMENTS None					U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.										
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.															
SIGNED Fred L. Nabors		TITLE District Engineer		DATE May 21, 1964											

***(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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sand and Shale Plastered Cliffs Lands Shale Manuwerds Manuwerds Callup Base Callup Greenhorn Graneros Shale Graneros Dakota Main Dakota	0 1490 1728 2523 4340 5238 5622 6012 6022 6116 6202	1490 1728 2523 4340 5238 5622 6012 6022 6116 6202 6206				