

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 *

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 Pen American Petroleum Corporation						7. UNIT AGREEMENT NAME Callegos Canyon Unit-Dakota	
3. ADDRESS OF OPERATOR P. O. Box 480 Farmington, New Mexico						8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FSL and 1700' FSL Section 23, T-28-N, R-13-W At top prod. interval reported below At total depth Same						9. WELL NO. 155	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUNDED April 1, 1964						16. DATE T.D. REACHED April 10, 1964	
17. DATE COMPL. (Ready to prod.) April 27, 1964						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6093 (RKB)	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD 6475	
21. PLUG, BACK T.D., MD & TVD 6440						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY						ROTARY TOOLS 0-6475	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6312 - 6377 Graneros Dakota 6377 - 6400 Main Dakota						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	
8 5/8"		24.6		364'		12 1/4"	
4 1/2"		10.5		6475'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		6312					
31. PERFORATION RECORD (Interval, size and number)							
6370-96 with 2 shots per foot. 6315-27 with 4 shots per foot.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6370-96				39,910 Gal Water & 10,000 Lb Sand			
6315-27				Did Not Frac. Had Communication.			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flow				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
April 27, 1964		3		3/4"		→	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
300		1000		→		462	
GAS—MCF.		WATER—BBL.		GAS-OIL RATIO			
462							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Company							
35. LIST OF ATTACHMENTS None							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Fred L. Nabors District Engineer SIGNED _____ TITLE _____ DATE April 30, 1964							

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED

MAY 5 1964

OIL CON. COM.
DIST. 3

RECEIVED

MAY 4 1964

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

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.
Band and Shale	0	1720	
Pictured Cliffs	1720	1910	
Lewis Shale	1910	2630	
Mesaverde	2630	4490	
Hanson	4490	5360	
Gallop	5360	5720	
Base Gallup	5720	6190	
Greenhorn	6190	6250	
Greenhorn Shale	6250	6312	
Greenhorn Dakota	6312	6377	
Main Dakota	6377	6475	

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH