

Zile

Corrected Report

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 <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
Pan American Petroleum Corporation						Gallegos Canyon Unit	
3. ADDRESS OF OPERATOR						8. FARM OR LEASE NAME	
Security Life Building							
Denver, Colorado							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. WELL NO.	
At surface 1010' FNL and 1675' FEL						243	
At top prod. interval reported below						10. FIELD AND POOL, OR WILDCAT	
At total depth Same						Basin Dakota	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH	
						San Juan	
						13. STATE	
						New Mexico	
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
5-19-66		5-27-66		6-25-66		(RDB) 5656	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
6205		6170				Rotary Tools Surfaca to 6205	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
6093-99, 6115-20, 6151-60, 6027-33, 6049-54 (Dakota)						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Induction Electric, Gamma Ray Sonic						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#		357		12-1/4"	
4-1/2"		10.5#		6205		7-7/8"	
						200 sacks	
						500 sacks - 1st stage	
						550 sacks - 2nd stage	
						375 sacks - 3rd stage	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
						SIZE	
						DEPTH SET (MD)	
						PACKER SET (MD)	
						2-3/8"	
						6029	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6093-99, 6115-20, 6151-60 4 SPZ				DEPTH INTERVAL (MD)			
6027-33, 6049-54 4 SPZ				AMOUNT AND KIND OF MATERIAL USED			
				6093-6160 500 gals. acid, 45,300 gals water, 50,000 lbs sand			
				6027-6054 32,760 gals water			
				30,000 lbs sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-25-66		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
7-6-66		3 hrs.		3/4"		OIL—BBL. 918	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		GAS—MCF. 7248	
584		1169				WATER—BBL. 11.6 GRAVITY-API (CORR.)	
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		TITLE		DATE			
H. M. Smith		Administrative Assistant		6-30-66			

\*(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 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: "Seals 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 TESTS, CUSHION USDB, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
NO CORE			
Well 1169 -			Well was cased 5-10-66 and drilled to a depth of 367 where 0-5% cement was set w/200 sacks "C" cement containing 2% Gel. Well was drilled to a depth of 6029' where 4-1/2" casing was set w/average 200 lbs set at 4279 and 1643. Cemented first stage w/400 sacks "C" cement containing 6% Gel & 2 lbs. medium tuf plug followed by 100 sacks "C" neat cement. Cemented 2nd stage w/500 sacks 70% "C" cement containing 6% gel and 2 lbs. medium tuf plug followed by 50 sacks "C" neat cement. Cemented 3rd stage w/125 sacks "C" cement containing 6% gel and 2 lbs. medium tuf plug followed by 50 sacks "C" neat cement. Ran tubing and bit and cased out well. Displaced hole w/water containing .8% potassium chloride and 2% lbs. FR-2 per 1000 gals water. Spotted 500 gals 7% acid. Perforated 6023-99, 6115-20, 6151-60 w/450' Fraced w/45,360 gals water treated as above & 40,000 lbs 20-40 sand & 10,000 lbs 10-20 sand. Breakdown pressure 2000, average treating 3400, average injection rate 54 BPM. Dropped 25 ball sealers midway through frac and rate dropped from 50 BPM to 40 BPM at 3500 lbs. Perforate 6027-33 and 6049-54 w/450' Fraced with 32,760 gallons water treated as above and 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Treating pressure 3500, average injection rate 59 BPM. 2-3/8" tubing was landed at 6029' and on 6-25-66 well was completed as shut-in development gas well Basin Dakota field. On 7-6-66 well flowed 7346 with tubing pressure flowing 584 and casing pressure flowing 1169. Top pay Dakota 5389.

## 38.

## GEOLOGIC MARKERS

NAME	TOP	TRUE VERT. DEPTH
1. Secured Chills	1515	
2. Lewis Shale	1725	
3. Mesavordo	3030	
4. Mancos	4270	
5. Gallup	5152	
6. Greenhorn	5703	
7. Greneros Shale	5925	
8. Greneros Dakota	5995	
9. Basin Dakota	6024	
	6091	