

WELL COMPLETION OR RE-COMPLETION REPORT

Instructions: Within thirty days following the completion or re-completion of any well, the owner or operator shall submit this form in duplicate for wells on patented or Federal lands, and in triplicate for wells on State lands. Geological information will be held confidential for a period of twelve months if requested in writing. If multiple completion, submit separate report for each completion.

DESIGNATE TYPE OF COMPLETION

New Well Work-Over Deepen Plug Back Same Reservoir
 Different Reservoir Oil Gas Unsuccessful

DESCRIPTION OF WELL AND LEASE

Operator Pan American Petroleum Corporation				
Address P. O. Box 1031, Kimball, Nebraska				
Well No. 20	Lease Name Vowers Unit	Field and Reservoir (If wildcat, so state) Vowers		
Location SW SE		Sec. 33	Twp. 17N	Range 54W County Banner
Footage Location 820 feet from <input checked="" type="checkbox"/> (S) line, 1980 feet from (E) <input checked="" type="checkbox"/> line, of SE $\frac{1}{4}$				
Spud Date 12-26-62	Date reached T.D. 1-2-63	Date Completed 2-3-63	Elevation 4696'	Reference (indicate) (NE, GL, SE)
Total Depth 6000	P.B.T.D. 5964	Single or multiple completion Single		Was well directionally drilled? No.
Producing interval(s) for this completion 5893-5897				Type of logs run in well Elog
Rotary tools used (interval) 0 - 6000		Cable tools used (interval) -		Principal Contractor Exeter Drilling Company

CASING RECORD

Report all strings set—surface, intermediate, production, etc.

Purpose of String	Size hole drilled	Size casing set (in. O.D.)	Weight lbs/ft.	Setting Depth	Sacks Cement
Surface	12-3/4"	8-5/8"	24	298	250
Production	7-7/8"	5-1/2"	14	5994	150

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks Cement	Shots per Ft.	Size & Type	Depth Interval
			4	Jet	5893-5897

Size	Setting Depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and Kind of Material Used	Depth Interval Treated
Spot 250 Gal 15 PC HCL on perf. Set Packer x crossover tool x disp acid x 37 BO x 6 BPM at Max PSI 4200, Min PSI 2200. Frac x 10,000 lb 10-20 Sn x 13500 Gal Frac oil x 500 lb walnut hulls x 2000 Gal Frac oil at 7 BPM. Max Tubing Pressure 5100, Max csg pressure 2500. Flush x 131 BO at 17 BPM.	5893 - 5897

INITIAL PRODUCTION

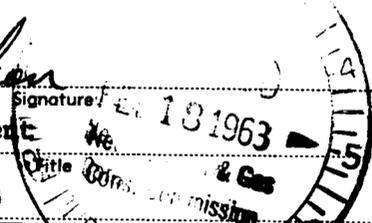
Date of first production February 5, 1963		Producing method (flowing, pumping, gas lift, etc.) Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil 36 bbls.	Gas 7 MCF	Water 1 bbls.	Gas-oil ratio 183 CFPB
Disposition of gas (vented, used on lease or sold) Sold			Oil Purchaser Indiana Oil Purchasing Company	

I/We hereby swear or affirm that the statements herein made are complete and correct.

(If new well, complete well log on reverse side of form)

Area Superintendent

February 14, 1963



WELL LOG

Show important formations penetrated, with tops. Detail all cores. Report all drill stem tests, giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, fluid recovery and flow rate if gas to surface during test. Attach copy of log.

Elog Top D Sn 5160', J Sn 5893'.