

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 ☐	Oth. RECEIVED	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐
2. NAME OF OPERATOR		PAN AMERICAN PETROLEUM CORPORATION				U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.
3. ADDRESS OF OPERATOR		Security Life Building Denver, Colorado 80202				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 1190' FSL and 790' FWL				
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, RKB, RT, GR, ETC.)*
3/8/66		3/16/66		4/29/66		RDB 5631
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY
6128		6092				Surface 6128
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		6024-6038 5948-5960 (Dakota)				19. ELEV. CASINGHEAD
26. TYPE ELECTRIC AND OTHER LOGS RUN		Induction Electric, Gamma Ray Sonic				25. WAS DIRECTIONAL SURVEY MADE
						NO
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#	344'	12-1/4	250 sacks		none
4-1/2"	10.5#	6128'	7-7/8	500 sacks 1st. stage		none
				550 sacks 2nd. stage		
				400 sacks 3rd. stage		
29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-3/8	5982
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
6024-6038 4 shots per foot				DEPTH INTERVAL (MD)		
5948-5960 4 shots per foot				AMOUNT AND KIND OF MATERIAL USED		
				6024-6038 500 gallons 7-1/2% acid		
				36,920 gal water, 40,000 lbs sand.		
				5948-5960 26,850 gal 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)	
4/29/66		FLOWING			Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.
5/6/66	3 hr.	3/4"	→		722	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	
464	1267	→		5776		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY
To be sold to El Paso Natural Gas Company						MAY 31 1966
35. LIST OF ATTACHMENTS						OIL CON. COM. DIST. 3
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED		ADMINISTRATIVE ASSISTANT		DATE		
D. L. O'NEILL		Administrative Assistant		May 25, 1966		

*(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 TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
NO CORE NO DST				LOG TOPS	
				Pictured Cliffs	1360
				Lewis Shale	1550
				Mesaverde	2930
				Mancos	4130
				Gallup	5941
				Base Gallup	5610
				Green Horn	5840
				Greneros Shale	5905
				Greneros Dakota	5948
				Main Dakota	6020
			Well was spudded on 3/3/66 and drilled to a depth of 344' where 8-5/8" casing was set with 250 sacks type "C" cement containing 3% CACL. Well was drilled to a total depth of 6128 and 4-1/2" casing was set at 6128 with stage tools set at 4234 - 1519. Cemented first stage with 400 sacks type "C" cement containing 6% gal and 2 lbs. tuf plug per sack and 100 sacks "C" neat cement. Cemented second stage with 500 sacks type "C" cement containing 6% gal and 2 lbs tuf plug per sack and 50 sacks type "C" neat cement. Cement third stage with 350 sacks "C" cement containing 6% gal and 2 lbs. tuf plug per sack and 50 sacks "C" neat cement. Displaced casing with water containing 2-1/2 lbs FE-8 and 8% potassium chloride. Spotted 500 gallons 7-1/2% regular per foot. Fractured with 36,920 gallons water treated as above and 30,000 lbs Breakdown pressure 1600, treating pressure 3000, average injection rate 68 BPM. 5948-5960 with 4 shots per foot. Fractured with 26,850 gallons water treated as 10,000 lbs 10-20 sand. Breakdown pressure 1350, treating pressure 3300, average plug at 6000. 2-3/8" tubing was set at 5982 and on 4/29/66 well was completed as shut in Basin Dakota Field Gas Well. Top pay Dakota 5910. On 5/6/66 well flowed 5776 with tubing pressure flowing 464 and casing pressure flowing 1267.		acid. Perforated 6024-6038 with 4 shots 20-40 sand and 10,000 lbs. 10-20 sand. Bridge plug set at 6000. Perforated above and 20,000 lbs 20-40 sand and injection rate 34 BPM. Drilled bridge as shut in Basin Dakota Field Gas Well. and casing pressure flowing 1267.