Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
JUL 18 1966
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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: **Security Life Building, Denver, Colorado**

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: **790' FSL and 1550' FWL**
At top prod. interval reported below
At total depth: **Same**

5. LEASE DESIGNATION AND SERIAL NO.: **SF 077875**
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: **Pipkin Gas Com "A"**
9. WELL NO.: **1**
10. FIELD AND POOL, OR WILDCAT: **Basin Dakota**
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: **SE/4 SW/4 Section 7 T-27-N, R-10-W**
12. COUNTY OR PARISH: **San Juan**
13. STATE: **New Mexico**

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.)*	19. ELEV. CASINGHEAD
6-6-66	6-14-66	7-2-66	(KDB) 5824	--

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
6252	6218		→	Surface to 6252	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: **6130-60, 6046-54, 6077-82, (Dakota)**

25. WAS DIRECTIONAL SURVEY MADE: **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN: **Induction Electric, 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#	363	12-1/4"	225 Sacks	None
4-1/2"	10.5#	6252	7-7/8"	500 sacks - 1st stage	None
				550 sacks - 2nd stage	
				350 sacks - 3rd stage	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	6064	

31. PERFORATION RECORD (*Interval, size and number*)

6130-60 4 Shots Per Foot

6046-54, 6077-82 4 Shots Per Foot

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6130-6160	500 gallons acid, 48,700 gallons water, 40,000 lbs. sand
6046-6082	33,390 gallons 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*)
7-2-66	Flow	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-11-66	3	3/4"	→		553		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
357	754	→		4423		

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): **To be sold to El Paso Natural Gas Company**

TEST WITNESSED BY:

RECEIVED
JUL 19 1966
OIL CON. COM.
DIST. 3

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 ORIGINAL SIGNED BY H. M. SMITH TITLE **Administrative Assistant** DATE **7-8-66**

*(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: *"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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No Core No Drill Stem Test Well History - Well spudded 6-6-66 and drilled to a depth 363 where 8-5/8" casing was set w/225 sacks Class "A" cement containing 3% CACL. Well drilled to a depth of 6252 where 4½" casing was set w/stage tools set at 4379 and 1695. Cemented 1st stage w/400 sacks Class "C" cement containing 6% gel and 2 lbs. sodium Tuf Plug per sack and 100 sacks "C" neat cement. Cemented 2nd stage w/500 sacks "C" cement containing 6% gel and 2 lbs. Tuf Plug per sack and 50 sacks "C" neat cement. Cemented 3rd stage w/350 sacks Class "C" cement containing 6% gel and 2 lbs. Tuf Plug. Displaced casing w/water containing 8% potassium chloride and 2½ lbs. FR-2 per 1000 gallons. Spotted 500 gallons 7½% acid and perforated 6130-60 w/4 SPF. Fraced w/48,700 gallons water treated as above and 30,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 1975, average treating pressure 3500, average injection rate 34 BPM. Perforated 6046-54 and 6077-82 w/4 SPF. Fraced w/33,390 gallons water treated as above and 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 2650, treating pressure 3500, average injection rate 39 BPM. 2-3/8" tubing was set at 6064 and on 7-2-66 well was completed as shut-in gas development well Basin Dakota Field. On 7-11-66 well flowed 4423 MCF with tubing pressure flowing 357 and casing pressure flowing 754. Top pay Dakota 6016.			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Log Tops		
Pictured Cliffs	1600	
Lewis Shale	1800	
Mesaverde	3135	
Mancos	4292	
Gallup	5140	
Base Gallup	5730	
Greenhorn	5946	
Graneros Shale	6017	
Graneros Dakota	6041	
Main Dakota	6124	

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