Form 9-330
(Rev. 5-63)

COPY TO O. C. C.

SUBMIT IN DUPLICAT

(See other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM 0556094

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Pedco Gulf Fed. Comm.

9. WELL NO.: 2

10. FIELD AND POOL, OR WILDCAT: Undesignated N. Lusk Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 33, T18S, R32E

12. COUNTY OR PARISH: Lea

13. STATE: New Mexico

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: PETROLEUM DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR: 9720 B Candelaria, NE, Albuquerque, NM 87112

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface H, 660' FEL, 1980' FNL; Sec. 33, T18S, R32E
At top prod. interval reported below
At total depth

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
6-22-79	8-20-79	9-19-79	3716' RKB	3698' G.L.

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
13032	12979			0-TD	

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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Morrow Sand 12896-12904

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL-Densilog-Neutron, Laterolog

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
13-3/8"	54.5#	415	17-1/2	450 sx. H 2% gel, 2% $CaCl_2$	None
8-5/8"	24#	4180	11	875 sx. Lite, 250 sx. C	None
4-1/2"	11.6#	13023	7-7/8	310 sx. H 65-35, 400 sx. H	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	12902	12860

31. PERFORATION RECORD (*Interval, size and number*)
12896 - 12904'
used 24 jet shots (4 per foot)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	None

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9-16-79	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-17-79	4	3/64-15/64	→	4	442	0	34,730

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1976-3228	Zero	→	63	2183	0	56

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented

TEST WITNESSED BY: Charles W. Sanders

35. LIST OF ATTACHMENTS: AOF, Logs. CNL-D GR, DLL (logs sent by Schlumberger)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Lloyd G. Wayne TITLE Vice President DATE 10-3-79

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Rustler Dolomite	1382	1368	Brackish shale, salty water
Strawn Limestone	11682	11714	Oil, gas, water
Morrow Sand	12618	12902	Gas and condensate
DST #1 - 11,642' -824' - 20"-90"-120"-240" SBA on IF. FF SBA, GTS 80" on FF, TSTM, Rec. 693' oil, 1682' G & O CM Sampler Recovery: 507 psi, 4.2 cfg, 50 cc oil, 1900 cc drlg. fluid. (oil Gravity 41° API) HH - 5924-5907, IF 533-559, FF 624-1053, SIP 5712-5648			
DST #2 - 12591-761, 3/4° BHC; 1/2" SC, 1000# WB, 15"-90"-150"-300" GTS 20", Final flow stabilized @ 500 MCFPD @ 60 psi FSP. Reversed out 400' gas cut drilling fluid. Sampler recovery 300 psi; 650 cc gas cut drilling mud, 2.735 cfg. HH - 6704-6683; IF 723-617, 2nd IF 638-723, SIP 5620-5726, BHT 178°F			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Rustler	1204	+2512
Salt	1485	+2231
Tansill	2648	+1068
Yates	2840	+876
Seven Rivers	3280	+436
Queen	3907	-191
Grayburg	4424	-708
Delaware	5288	-1572
Bone Spring	7050	-3334
Wolfcamp	10361	-6645
Strawn	11556	-7840
Atoka	11988	-8272
Morrow	12236	-8520

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