

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

RECEIVED

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 17417	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Petroleum Development Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 9720-B Candelaria, N.E., Albuquerque, N.M., 87112		8. FARM OR LEASE NAME Barbara Ann Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FNL, 660' FWL At top prod. interval reported below Same At total depth same		9. WELL NO. #1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Undes. Abo	
DATE ISSUED 11/19/82		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T7S, R27E	
15. DATE SPUDDED 12/3/82		12. COUNTY OR PARISH Chaves	
16. DATE T.D. REACHED 12/12/82		13. STATE N.M.	
17. DATE COMPL. (Ready to prod.) 1/28/83		18. ELEVATIONS (DF, REB, BT, GR, ETC.) * 3883' GL / 3895' KB	
19. ELEV. CASINGHEAD 3,885'		20. TOTAL DEPTH, MD & TVD 5,023'	
21. PLUG, BACK T.D., MD & TVD 4,971'		22. IF MULTIPLE COMPL., HOW MANY * T.D.	
23. INTERVALS DRILLED BY T.D.		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 4,730' - 4,772' Abo	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN GR - CNL - D, DLL, CPL, CBL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE 13-3/8" 4 1/2"		WEIGHT, LB./FT. 48# 10.5#	
DEPTH SET (MD) 352' 5,023'		HOLE SIZE 17 1/2" 7-7/8"	
CEMENTING RECORD 490 sxs. Class "C" 2% CaC 450 sxs. Class "C" 1" with 350 sxs. Class "C"		AMOUNT PULLED Circ. TOC 3,670' Circ. to surface	
29. LINER RECORD		30. TUBING RECORD	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT * SCREEN (MD)		SIZE DEPTH SET (MD) PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 4,768' - 4,772' 5 JHPF 4,730' - 4,739' 10 JHPF		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4768' - 4772' 4730' - 4739' AMOUNT AND KIND OF MATERIAL USED 4,000 gal. 7 1/2" Abo acid 60,000 gal. slick KCL water 70,750# 20/40 mesh sand 38,500# 10/20 mesh sand	
33. PRODUCTION		WELL STATUS (Producing or shut-in) Shut-In	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
DATE OF TEST 1/27/83		HOURS TESTED 8	
CHOKE SIZE 32/64"		PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO	
FLOW. TUBING PRESS. 50		CASING PRESSURE 250	
CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL.		OIL GRAVITY-API (CORR.) 48	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY J. C. Johnson	
35. LIST OF ATTACHMENTS Logs previously sent		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED Gary L. Roberts		DATE 1/28/83	

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

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	1,050'	2,167'				
Glorieta	2,167'	3,150'				
Tubb	3,150'	4,388'				
Abo	4,388'	---				