

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*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. SF 079003			
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.				7. UNIT AGREEMENT NAME Northeast Blanco I, Sec. 929			
3. ADDRESS OF OPERATOR P. O. Box 1237, Durango, Colorado 81302				8. FARM OR LEASE NAME Northeast Blanco Unit			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1040' F/NL - 1850' F/WL At top prod. interval reported below Same At total depth Same				9. WELL NO. 211			
14. PERMIT NO.				10. FIELD AND POOL, OR WILDCAT Undesignated Fruitland Coal			
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 27, T31N, R7W			
15. DATE SPUDDED 7-3-85				12. COUNTY OR PARISH San Juan			
16. DATE T.D. REACHED 7-9-85				13. STATE New Mexico			
17. DATE COMPL. (Ready to prod.) 5-6-88				19. ELEV. CASINGHEAD 6370'			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6368' GR				20. TOTAL DEPTH, MD & TVD 3510'			
21. PLUG, BACK T.D., MD & TVD 3465'				22. IF MULTIPLE COMPL., HOW MANY*			
23. INTERVALS DRILLED BY →				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal from 2980 to 3259			
25. WAR DIRECTIONAL SURVEY MADE Yes				26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Induction, Density, Neutron			
27. WAR WELL CORRED No				28. CASING RECORD (Report all strings set in well)			
CASINO SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
9 5/8"	32.3 H-40	226'	12 1/4"	230 cf Class B Neat	Circulated		
4 1/2"	10.5 K-55	3510'	7 7/8"	1440 cf Howcolite 388 cf Pozmix	Circulated to surface		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375	3325	
31. PERFORATION RECORD (Interval, size and number) PC perms from 3300 to 3400 squeezed with 118 cf cement on 5-20-88. Fruitland Coals perfd with 4 SPF at 3254-3259 and 3228-3235; with 2 SPF at 2980-2986, 3007-3010, 3058-3072, 3096-3113 & 3141-3150.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2980 to 3259				2000 gallons 7 1/2% HCl 61,000 gals. 30# XL gel 37,000# 12/20 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-6-88	3 hours		→		TSTM		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	270 psi	→		0			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented for test							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 *William F. Clark*
Operations ManagerTITLE William F. Clark
Operations ManagerBY *Ron Thompson* DATE June 7, 1988

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

OPERATED

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; COBED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2220'	2324'	Sand, water			
Kirtland	2324'	2952'	Shale			
Fruitland	2952'	3164'	Sand, shales, coals			
Upper PC	3164'	3218'	Sand, hydrocarbons			
Lower Fruitland	3218'	3286'	Shale and coal			
Pictured Cliffs	3286'	3400'	Sand, hydrocarbons			
Lewis	3400'		Shale			