

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 *

1a. TYPE OF WELL:
OIL WELL ☐ GAS WELL ☒ DRY ☐

b. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
Blackwood & Nichols Company

3. ADDRESS OF OPERATOR
P. O. Box 1237, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 990' F/SL - 990' F/WL

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
Santa Fe 079060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Northeast Blanco Unit No. 1, Sec. 921

8. FARM OR LEASE NAME
Northeast Blanco Unit

9. WELL NO.
4

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 21-30N-7W
NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED
6-17-66

16. DATE T.D. REACHED
6-23-66

17. DATE COMPL. (Ready to prod.)
6-25-66

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6720' DF

19. ELEV. CASINGHEAD
6710'

20. TOTAL DEPTH, MD & TVD
6003'

21. PLUG, BACK T.D., MD & TVD
5990'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
6003'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Cliffhouse 5450' - 5520' Point Lookout 5826' - 5980'
Manefee 5520' - 5826'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma-Ray - Neutron correlation log

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
10 3/4"	32.75	303'	12 1/4"	150 Ideal
7"	20 & 23#	5208'	8 3/4"	250 Regular
4 1/2"	10.50#	5998'	6 1/4"	425 Class C

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"	5906'	None

31. PERFORATION RECORD (Interval, size and number)
5460' - 5794' - 252, 1/2" holes
5830' - 5970' - 144, 1/2" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5460' - 5794'	47,420 gals water, 40,000# Sand
5830' - 5970'	57,220 gals water, 40,000# Sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	Flowing	Shutin after workover					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-24-66	3 hours	3/4"		None	G = 4198	None	None
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
328	743		None	13,751	None		

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

35. LIST OF ATTACHMENTS
Gamma Ray - Neutron correlation log

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

SIGNED Delasso Loos TITLE Field Superintendent DATE 8-1-66

RECEIVED

AUG 4 1966

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

RECEIVED

AUG 1 1966

OIL CON. COM.
DIST. 3

*(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 both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number 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 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 logs, and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the 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 attached 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 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, adequate 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 for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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				38.	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TO MEAS. DEPTH	
Tertiary	0	2670'	Sandstone			
Kirtland	2670'	3330'	Sandstone			
Fruitland	3330'	3500'	Sandstone			
Pictured Cliffs	3500'	3750'	Shale			
Lewis	3750'	5450'	Sandstone			
Cliff House	5450'	5520'	Sandstone			
Mensefee	5520'	5826'	Sandstone			
Point Lockout	5826'	5980'	Sandstone			