

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐
OCT 09 19852. NAME OF OPERATOR
Blackwood & Nichols Co., Ltd.

3. ADDRESS OF OPERATOR

P. O. Box 1237, Durango, Colorado 81302

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1785' F/SL - 1770' F/WL

At top prod. interval reported below same

At total depth same

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA14. PERMIT NO. OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

SF 079042

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME Northeast

Blanco #1, Sec. 929

8. FARM OR LEASE NAME

Northeast Blanco Unit

9. WELL NO.

3R

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 5, T30N, R7W

12. COUNTY OR
PARISH
San Juan

13. STATE

New Mexico

15. DATE SPUDDED 7-24-85	16. DATE T.D. REACHED 8-1-85	17. DATE COMPL. (Ready to prod.) 9-10-85	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6141'	19. ELEV. CASINGHEAD 6143'
20. TOTAL DEPTH, MD & TVD 5795'	21. PLUG, BACK T.D., MD & TVD 5665'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY T.D.	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Cliffhouse from 4958' to 5004' Point Lookout from 5284' to 5452'
25. WAS DIRECTIONAL SURVEY MADE Yes				26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - GR, Density, Neutron
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
9 5/8"	36.0 H-40	349'	12 1/4"	384 cf Class B	Circulated
7"	23.0 N-80	3390'	8 3/4"	810 cf HowcoLite 177 cf Pozmix	Temp. Survey Cement Top - 325'

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3200'	5795'	426 cf	Pozmix	2.375	5612'	

31. PERFORATION RECORD (Interval, size and number) With 2 SPF at 4958'-4964', 4974'-4982', 4986'-5004' for a total of 64 holes and 4 SPZ at 5284', 5294', 5304', 5314', 5324', 5334', 5348'-5382', 5396', 5428', 5444', 5452', for a total of 48 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4958' - 5004' 50,000# 20/40 5284' - 5452' 100,000# 20/40 AMOUNT AND KIND OF MATERIAL USED 83,400 gallons water sand and 500 gal. HCL Acid 120,000 gallons water sand and 500 gal. Acetic Acid
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33.* PRODUCTION							
DATE FIRST PRODUCTION Not Connected		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	

DATE OF TEST 9-16-85	HOURS TESTED 3 hours	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. 330	WATER—BBL. →	GAS-OIL RATIO →
FLOW. TUBING PRESS. 200 psig	CASING PRESSURE 610 psig	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. 2635	WATER—BBL. →	OIL GRAVITY-API (CORR.) →	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be connected to Northwest Pipeline	TEST WITNESSED BY Ron Thompson
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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

TITLE

Petroleum Engineer

DATE

October 2, 1985

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

NMOCC

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: "Seals 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2006'	2124'	Sand; water			
Kirtland	2124'	2596'	Shale			
Fruitland	2596'	3062'	Sand, shale, and coals			
Pictured Cliffs	3062'	3203'	Sand, hydrocarbons			
Lewis	3203'	4954'	Shale			
Cliffhouse	4954'	5004'	Sand, hydrocarbons			
Menefee	5004'	5272'	Sand, shale and coals			
Point Lookout	5272'		Sand, shale, hydrocarbons			