

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 ☐ **1b. 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 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface **830' F/NL - 1100' F/EL**
At top prod. interval reported below
At total depth

14. PERMIT NO.

15. DATE TESTED **7-31-69** **16. DATE T.D. REACHED** **8-6-69** **17. DATE COMPL. (Ready to prod.)** **8-8-69** **18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*** **6342' GR** **19. ELEV. CASINGHEAD** **6344'**

20. TOTAL DEPTH, MD & TVD **5650'** **21. PLUG, BACK T.D., MD & TVD** **5630'** **22. IF MULTIPLE COMPL., HOW MANY*** **23. INTERVALS DRILLED BY** **5650'** **24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)***
Cliffhouse - 5115' - 5180'
Point Lookout 5475' - 5630' **25. WAS DIRECTIONAL SURVEY MADE** **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Gamma Ray - Neutron Correlation Log** **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
10 3/4"	32.75	155'	12 1/2"	150 Bag	
7 5/8"	26.40	3520'	8 3/4"	225 Bag	
5 1/2"	15.50	5471'	6 3/4"	150 Bag	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4"	4872'	5648'	30	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5514'	None

31. PERFORATION RECORD (Interval, size and number)
5158' - 5217' - 38 - 1/2" holes
5510' - 5628' - 86 - 1/2" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5158' - 5217'	40,300 gals water 33,000# Sand
5510' - 5628'	52,190 gals water 45,000# Sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
8-15-69	3 Hours	3/4"

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-15-69	3 Hours	3/4"	→	None	10910	None	None

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 **Delano Loos** TITLE **Field Superintendent** DATE **8-15-69**

*(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 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:			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Tertiary	0'	2270'				
Kirtland	2270	3020				
Prudhoe	3020	3235				
Piedmont Cliffs	3235	3510				
Lewis Shale	3510	5115				
Cliffhouse	5115	5180				
Manatee	5180	5475				
Point Lookout	5475	5630				
Manatee	5640	----				