

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 _____
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.							
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 990' F/SL - 990' F/WL At top prod. interval reported below Same At total depth Same							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (OF BRK, RT, GR, ETC.)*	
6-29-82		7-6-82		8-17-82		6414' KB	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS OF BITTING TOOLS	
6030' KB		5950' KB				6030' ---	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5264' - 5446' - Cliffhouse & Menefee 5552' - 5674' - Point Lookout							25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric, Compensated Density & Sidewall 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"	32.30# H	215' KB	12 1/4"	236 cu.ft. Class B 2% CaCl ₂			2
7"	23.00# K	3645' KB	8 3/4"	700 cu.ft. 50-50 Pozmix			2
				180 cu.ft. Class B 2% CaCl ₂			2
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"	3456'	6029' KB	420 cu.ft.	50-50 Pozmix	2 3/8"	5692'	---
31. PERFORATION RECORD (Interval, size and number) 5264' - 5268', 5290' - 5296', 5334' - 5338' 5442' - 5446'-2 holes per foot (36 holes) 5552' - 5562', 5570' - 5574', 5578' - 5588' 2 holes per foot (48 holes). 5612', 5630' 5636', 5644' 5668' 5674', 4 holes/interval foot (24 holes)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 5264' - 5446' 74,382 gals. water 60,000 lbs. 20-40 sand 5552' - 5674' 126,630 gals. water 110,000 lbs. 20-40 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 8-23-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 8-23-82	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. 467	WATER—BBL. →	GAS-OIL RATIO →
FLOW. TUBING PRESS. 290	CASING PRESSURE 870	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. 7593	WATER—BBL. →	OIL GRAVITY-API (CORR.) →	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
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

DeLasso Loos

TITLE District Manager

DATE August 24, 1982

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

NMOCG

ACCEPTED FOR RECORD
FARMINGTON DISTRICT
BY P. G. S. S. S.

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; 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
San Jose	0'	1210'				
Animas	1210'	2175'				
Ojo Alamo	2175'	2365'				
Kirtland	2365'	3010'				
Fruitland	3010'	3265'				
Pictured Cliffs	3265'	3410'				
Lewis	3410'	4900'				
Cliffhouse	4900'	5260'				
Massive Cliffhouse	5260'	5310'				
Menefee	5310'	5535'				
Point Lookout	5535'	5720'				
Mancos	5720'	---				