

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 1170' F/NL - 2260' F/WL
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 11-24-80 16. DATE T.D. REACHED 12-3-80 17. DATE COMPL. (Ready to prod.) 2-28-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6331' GL

20. TOTAL DEPTH, MD & TVD 5890' 21. PLUG, BACK T.D., MD & TVD 5823' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 5890' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5104' - 5154' Cliffhouse
5464' - 5572' Point Lookout

19. ELEV. CASINGHEAD 6333'
25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Gamma Ray, Compensated Density Sidewall Neutron

27. WAS WELL CORED No

29. 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"	36.00#	212'	12 1/4"	250 sacks circulated	
7"	23.00#	3554'	8 3/4"	350 sacks - top cmt. 1700'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3387'	5890'	300	----	2 3/8"	5463' SET. 3	-----

31. PERFORATION RECORD (Interval, size and number)

5104' - 5154' - 20 holes

5464' - 5572' - 32 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5104' - 5154'	84,000 Gals. water
	70,000 lbs. 20-40 sand
5464' - 5572'	90,100 Gals. water
	78,000 lbs. 20-40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION Not connected PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 3-17-81 HOURS TESTED 3 hrs. CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD _____ OIL—BBL. Q = 2475 MCF GAS—MCF. 10 WATER—BBL. GAS-OIL RATIO _____
FLOW. TUBING PRESS. 195 CASING PRESSURE 580 CALCULATED 24-HOUR RATE _____ OIL—BBL. AOF = 7325 MCF GAS—MCF. _____ WATER—BBL. OIL GRAVITY-API (CORR.) _____

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

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 3-19-81

*(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: 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Animas	1160	2130			220'	1°
Ojo Alamo	2130	2260			722'	2°
Kirtland	2260	2988			1379'	2 1/4°
Fruitland	2988	3220			1531'	3°
Pictured Cliffs	3220	3420			2000'	3 1/4°
Lewis	3420	4810			2667'	2 1/4°
Cliffhouse	4810	5090			3430'	1 1/4°
Massive					4069'	1°
Cliffhouse	5090	5156			4555'	1°
Menefee	5156	5456			5056'	1 1/2°
Point Lookout	5456	5590			5550'	1 1/2°
Mancos	5590	-			5890'	1 1/2°