

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(See other instructions on reverse side)

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, Co. 81301							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1580' F/SL - 1290' F/WL At top prod. interval reported below Same At total depth Same							
15. DATE SPUEDDED 12-14-80		16. DATE T.D. REACHED 12-24-80		17. DATE COMPL. (Ready to prod.) 3-10-81		18. ELEVATIONS (DF, REB, RT, GR, ETC.) * 6144' GL	
20. TOTAL DEPTH, MD & TVD 5720		21. PLUG, BACK T.D., MD & TVD 5606		22. MULTIPLE COMPL., HOW MANY * →		23. INTERVALS DRILLED BY 5720	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 4854 - 4954 Cliffhouse 5232 - 5432 Point Lookout						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density & Neutron - Induction Electric Logs						27. WAS WELL CORED No	
28. CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9 5/8"		36.00#		405'		12 1/4"	
7"		23.00#		3295'		8 3/4"	
4 1/2"		10.50#		5697'		6 1/4"	
29. SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
						SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number) 4854 - 4954 - 32 holes 5232 - 5432 - 40 holes		32. DEPTH INTERVAL (MD) 4854 - 4954 5232 - 5432		33. AMOUNT AND KIND OF MATERIAL USED 81,340 gals. water 71,000 lbs. 20-40 sand 94,420 gals. water 80,000 lbs. 20-40 sand			
33. DATE FIRST PRODUCTION Not connected		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Dist. 3		WELL STATUS (Producing or shut-in) Shut-in		GAS-OIL RATIO	
DATE OF TEST 3-17-81		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 170 PSI		CASING PRESSURE 470 PSI		CALCULATED 24-HOUR RATE →		OIL—BBL. Q = 2250	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		GAS—MCF. AOF = 9460 MCF		WATER—BBL.		OIL GRAVITY-API (CORR.)	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.		DATE MAR 26 1981		BY RB	

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

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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.), formations 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, 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	
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				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
San Jose	0	935		417
Animas	935	1700		965
Ojo Alamo	1700	2155		1468
Kirtland	2155	2726		1674
Fruitland	2726	3044		2142
Pictured Cliffs	3044	3210		2531
Lewis	3210	4580		3310
Cliffhouse	4580	4862		3832
Massive				4338
Cliffhouse	4862	4918		5000
Menefee	4918	5230		5701
Point Lookout	5230	5390		
Mancos	5390	----		
				3/4°
				1 1/4°
				1 1/2°
				1 3/4°
				1 3/4°
				1 1/2°
				1°
				3/4°
				3/4°
				1/2°
				1/4°