

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions 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, Co. 81301					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1770' F/NL - 10' F/WL At top prod. interval reported below Same At total depth Same					
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH San Juan	
				13. STATE New Mexico	
15. DATE SPUDDED 12-4-80		16. DATE T.D. REACHED 12-14-80		17. DATE COMPL. (Ready to prod.) 3-5-81	
20. TOTAL DEPTH, MD & TVD 5725		21. PLUG, BACK T.D., MD & TVD 5660		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6140' GL	
				19. ELEV. CASINGHEAD 6142	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4968 - 5098 - Cliffhouse 5338 - 5454 - Point Lookout				23. INTERVALS DRILLED BY ROTARY TOOLS 5725	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density & Neutron - Induction Electric Logs				25. WAS DIRECTIONAL SURVEY MADE Yes	
				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"	36.00#	231'	12 1/4"	Backs circulated	-----
7"	23.00#	3419'	8 3/4"	5' cement 1100'	-----
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREENING	TUBING RECORD
4 1/2"	3243'	5724'	300	---	DEPTH SET (MD) 5325
31. PERFORATION RECORD (Interval, size and number)			32. AGID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
4968 - 5098 - 32 holes			DEPTH INTERVAL (MD)		
5338 - 5454 - 32 holes			AMOUNT AND KIND OF MATERIAL USED		
			4968 - 5098 71,530 gals. water		
			5338 - 5454 58,000 lbs. 20-40 sand		
			98,790 gals. water		
			85,000 lbs. 20-40 sand		
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
Not connected					Shut-in
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF
3-17-81	3 hrs.	3/4	→	0	1880
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
140	380	→		AOF = 6900 MCF	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
35. LIST OF ATTACHMENTS					ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Lasso Loos TITLE District Manager

DATE

3-23-81

FARMINGTON DISTRICT

BY

*(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: "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	TOP TRUE VERT. DEPTH
San Jose	0	880			260	3/4°
Animas	880	1935			770	1°
Ojo Alamo	1935	2070			1680	1 3/4°
Kirtland	2070	2784			2180	1 3/4°
Fruitland	2784	3098			3171	1 1/2°
Pictured Cliffs	3098	3260			3420	1°
Lewis	3260	4630			3923	1°
Cliffhouse	4630	4960			4455	3/4°
Massive	4960	5020			4955	1/2°
Cliffhouse	5020	5328			5416	1/4°
Menefee	5328	5464			5725	1/4°
Point Lookout	5464	--				
Mancos						