

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 430' F/SL - 1990' F/EL

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

6-1-82

16. DATE T.D. REACHED

6-8-82

17. DATE COMPL. (Ready to prod.)

7-19-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6476' KB

19. ELEV. CASINGHEAD

6466'

20. TOTAL DEPTH, MD & TVD

6060'

21. PLUG, BACK T.D., MD & TVD

5970'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DROPPED BY

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5290' - 5506' - Massive Cliffhouse & Menefee zones

5602' - 5692' - Point Lookout zone

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	214' KB	12 1/4"	200 sx (236 cu.ft.) 2% CaCl ₂	
7"	23.00# K	3684' KB	8 3/4"	500 sx (700 cu.ft.) 50-50 Pozmix	
				150 sx (180 cu.ft.) class 3"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4.50	3498'	6060'	300 sx. (420 cu.ft.)		2 3/8"	5701'	---

31. PERFORATION RECORD (Interval, size and number)

5290' - 5296', 5358' - 5366', 5424' - 5428'

5456' - 5458', 5464' - 5472', 5496' - 5506'

2 holes per foot (76 holes)

5612' - 5634', 5648' - 5652', 5658' - 5664'

5670' - 5672', 5674' - 5676', 5690' - 5692'

2 holes per foot (76 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5290' - 5506'	78,162 gals. water
	60,000 lbs. 20-40 sand
5612' - 5692'	145,866 gals. water
	110,000 lbs. 20-40 sand

33. DATE FIRST PRODUCTION

7-26-82

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Not connected

WELL STATUS (Producing or shut-in)

Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-26-82	3 hrs.	3/4"	→		420		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
260	730	→		7349			

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

Vented to be 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 July 27, 1982

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

NMOCC

FARMINGTON DISTRICT

BY

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'	1320'				
Animas	1320'	2330'				
Ojo Alamo	2330'	2650'				
Kirtland	2650'	3035'				
Fruitland	3035'	3340'				
Pictured Cliffs	3340'	3590'				
Lewis	3590'	4960'				
Cliffhouse	4960'	5280'				
Massive Cliffhouse	5280'	5342'				
Menefee	5342'	5600'				
Point Lookout	5600'	5780'				
Mancos	5780'	---				