

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/EL	
At top prod. interval reported below						Same	
At total depth						Same	
14. PERMIT NO.						DATE ISSUED	
BUREAU OF LAND MANAGEMENT						NOV 26 1984	
15. DATE SPUDDED						10-6-84	
16. DATE T.D. REACHED						10-18-84	
17. DATE COMPL. (Ready to prod.)						11-3-84	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						6349' D.F.	
19. ELEV. CASINGHEAD						6337'	
20. TOTAL DEPTH, MD & TVD						8011'	
21. PLUG, BACK T.D., MD & TVD						7962'	
22. IF MULTIPLE COMPL., HOW MANY*						Dual	
23. INTERVALS DRILLED BY						ROTARY TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						Dakota - 7830' - 7954'; Gallup - 7014' 7228'	
25. WAS DIRECTIONAL SURVEY MADE						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						Induction, Compensated Density, 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	
9 5/8"		32.3#		323'		12 1/4"	
7"		23.0#		3622'		8 3/4"	
4 1/2"		11.6#		8011'		6 1/4"	
CEMENTING RECORD		AMOUNT PULLED					
324 cf - Circulated							
1026 cf, Top-400' T.S.							
628 cf, Top-2800' T.S.							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2.375		7893'		7264'			
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2.375		7893'		7264'			
31. PERFORATION RECORD (Interval, size and number)							
Dakota with 4 SPF at 7830', 7834', 7842', 7852', 7860', 7883', 7887', 7891', 7896', 7905', 7917', 7927', 7944', 7947', 7954' total 60 holes.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
7830' -		750 gals. 7 1/2% HCl					
7954'		103,000 gal. 40# gel with 2% KCl and 50,000# 40/60 & 38,000# 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)	
11-15-84		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
11-15-84		3 hrs.		3/4"		None	
OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
None		237		None			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
137 psig		2947 psig		1,894			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Sold; C.A.O.F. - 1,912 MCFD							
35. LIST OF ATTACHMENTS							
None							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.							
SIGNED <i>DeLasso Loos</i>				TITLE Field Superintendent			
DeLasso Loos				DATE November 20, 1984			

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

NMOCCT

FARMINGTON RESOURCE AREA
RV *Smm*

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
Ojo Alamo	2334'	2446'				
Kirtland	2446'	2844'				
Fruitland	2844'	3196'				
Pictured Cliffs	3196'	3450'				
Lewis	3450'	5345'				
Cliffhouse	5345'	5425'				
Menefee	5425'	5600'				
Point Lookout	5600'	6100'				
Mancos	6100'	7006'				
Gallup	7006'	7454'				
Greenhorn	7454'	7637'				
Graneros	7637'	7824'				
Dakota	7824'					