

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation and Serial No.

SF-079060

6. If Indian, Allottee or Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG*

1a. Type of Well:	oil well	gas well	X	dry		other	
b. Type of completion:	new well	X	workover		deepen		other
2. Name of Operator: BLACKWOOD & NICHOLS CO. A LIMITED PARTNERSHIP							
3. Address of Operator: P.O. BOX 1237, DURANGO, COLORADO 81302							
4. Location of Well: (Report location clearly, in accordance with any State requirements)*							

At surface

At top prod. interval reported below

875' FSL - 1145' FWL

At total depth

Permit No.:

30-039-24491

Date Issued:

7. Unit Agreement Name:

Northeast Blanco Unit

8. Farm or Lease Name:

Northeast Blanco Unit

9. Well No.:

405

10. Field and Pool, or Wildcat:

Undesignated Pictured Cliffs

11. Sec., T., M., or Block and Survey
or Area:

Sec. 21, T30N, R7W

12. County or Parish:

Rio Arriba

13. State:

New Mexico

15. Date Spudded:	8/20/89	16. Date TD Reached:	8/28/89	17. Date Compl. (ready to produce):	1/9/93	18. Elevations (DF, RKB, RT, GR, etc.):*	6736' KB	19. Elev. Casinghead:	6721' GL
20. Total Depth, MD & TVD:	3797' TVD	21. Plug Back TD, MD & TVD:	3749' (wireline) TVD	22. If Mult. Comp.: How many*		23. Intervals Drilled By		Rotary Tools TD	
						Cable Tools NO			

24. Producing Interval(s), of this completion - Top, Bottom, Name (MD and TVD)*:	3624'-3656' (TVD) Pictured Cliffs Sandstone	25. Was Directional Survey Made?	NO
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26. Type Electric and Other Logs Run:	Cement Bond Log with Gamma Ray & Casing Collars	27. Was Well Cored?	NO
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28. CASING RECORD (Report all strings set in well)					
Casing Size	Weight, LB/FT	Depth Set (MD)	Hole Size	Cementing Record	Amount Pulled
9.625	36# J55	328'	12.25"	250 sx Class B	Circulate 22 Bbls Cement
7.000	23# K55	3441'	8.75"	575 sx Class G 65/35 POZ/	Circulate 33 Bbls Cement
				50 sx Class G	

LINER RECORD				TUBING RECORD			
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
4.500	3199'	3797'	100 sx	N/A	2.375	3595'	N/A

31. Perforation Record (Interval, size and number):	3624'-3656' using 16 gram jet charge @ 2 spf.	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		Depth Interval (MD)	Amount and Kind of Material Used
		3624' - 3656'	650 gal. 7-1/2% HCL, Ne, Fe Acid Foam Frac: 130,000# 20/40 sand @ 25 BPM

33.* PRODUCTION							
Date First Production:	Production Method (Flowing, gas lift, pumping-size and type of pump):					Well Status (shut-in):	
Waiting on well tie-in	Flowing during completion operation, dry gauge.					Shut-in	
Date of Test:	Hours Tested:	Choke Size:	Prod'n For Test Period	Oil-Bbl	Gas-MCF	Water-Bbl	Gas-Oil Ratio
1/7/93	12 hours	1/2"					
Flow. Tubing Press:	Casing Pressure:	Calculated 24-Hour Rate	Oil Bbl	Gas-MCF	Water-Bbl	Oil Gravity-API (Corr.)	
965 psig	965 psig			1500 mcf/d	TSTM		

34. Disposition of Gas (Sold, used for fuel, vented, etc.):	Vented	Test Witness By:	James K. Abbey
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35. List of Attachments	
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36. I hereby certify that the foregoing and attached information is complete and true as determined from all available records.

Signed: James K. Abbey James K. Abbey Title: Operations Engineer
(See Instructions and Spaces for Additional Data on Reverse Side)

ACCEPTED FOR RECORD
JAN 29 1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON RESOURCE AREA

BY

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. GEOLOGICAL MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC	T	
				NAME	MEAS. DEPTH
NEBU# 405 Pictured Cliffs:	3624'	3656'		San Jose Ojo Alamo Kirtland Fruitland Pictured Cliffs	