

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in triplicate
(Other instructions on re-
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF 079060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Northeast Blanco Unit
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.		8. FARM OR LEASE NAME Northeast Blanco Unit
3. ADDRESS OF OPERATOR P.O. Box 1237, Durango, CO 81302-1237		9. WELL NO. 477
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650' FNL, 1160' FEL		10. FIELD AND POOL, OR WILDCAT
14. PERMIT NO. 30-039-24448		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T30N, R7W, NMP
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6336' GL		12. COUNTY OR PARISH San Juan
		13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) Completion	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9-02-89 Rigged down and moved away drilling equipment. Nippled up lower BOP. Pressure tested 7" casing and BOP blind rams to 1500 psig, held OK. Picked up 6-1/4" bit 3-1/2" drillpipe and TIH to top of cement at 2989'.

Pressure tested 3-1/2" BOP rams to 1400 psig; #1 and #2 held OK. Ram #3 leaking. Repair leaks on HCR and mud cross flange.

9-03-89 Repaired and pressure tested BOP ram #3. Drilled cement and insert float at 3004'; drill out cement in 7" casing shoe to 3049' and into formation. Drilled open hole from 3049' to 3199' with water at 5 BPM. Pulled bit into 7" casing and gauged well. Shut in well for pressure build up test: after 1 hour - 145 psig; 2 hours - 280 psig; 3 hours - 400 psig; 4 hours - 460 psig. Well blew down quickly.

(Continued on next page)

18. I hereby certify that the foregoing is true and correct.

SIGNED William F. Clark TITLE Operations Manager DATE 16 Jan '90

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

NMOOD

FEB 08 1990

*See Instructions on Reverse Side

9-04-89 Washed 5 jts down to open hole TD and found 1' of fill. Circulated hole with air and water; circulated hole clean. Well making a small gas flare.

Shut in well and pressured up to 900 psig with air. Blew well down through a 3/4" choke line to casing pressure to 600 psig then opened blooie lines to surge well. TIH and found 4' of fill. Circulate well clean with air. Repeated above surge procedure. After blowing down found no fill.

Repeated surge procedure again. After blowing well down found 8' of fill. Shut well in for pressure build up: after 1 hour - 114 psig; 2 hours - 220 psig; 3 hours - 325 psig; 4 hours - 340 psig; 4 hours - 380 psig. Blew well down and TIH, no fill.

9-05-89 Blew hole with air and unloaded approximately 10 Bbls of water. No coal fines in returns. Pressure drillpipe up to 1000 psig, surged well; no fill. Repeated, no fill.

Pressured drillpipe up to 1000 psig then pumped 24 Bbls of water, drillpipe capacity, then surged well; no fill. Repeated, 1' of fill. Surged well again - 1' of fill. Pumped 6 Bbl sweeps of water to clean hole, some coal in return. Surged well again. Surged well a total of 9 times. Slight increase in gas flare size.

9-06-89 Pressure drillpipe to 1000# with air. Surge well - no fill. Blow well dry with air. Gauge well: 10:10 - close blooie line, open 2" line, 1 oz. pressure (158 MCFD); 10:30 - 1/2 oz. on 2" (112 MCFD); 10:45 - 1/2 oz. on 2" (112 MCFD), close 2" and open 1" line, 1 oz. on 1"; 11:00 - 1 oz. on 1" (40 MCFD); 11:15 - 1 oz. on 1"; 11:30 - 1 oz.; 11:45 - 1 oz.; 12:00 - 1 oz.; 12:15 - 1 oz. (40 MCFD). TIH to bottom, blow dry with air. POOH laying down drillpipe. Pick up notched collar, 1 jt 2-3/8" tubing, Baker 1.81 ID F nipple, and 102 more jts 2-3/8" tubing. Tag bottom at 3200'. Blow well dry with air. Land tubing at 3109.86' KB. Nipple down BOP equipment. Nipple up wellhead. Rig down to prepare to move.

10-01-89 Rigged up swabbing unit. Swab summary: Made 76-1/4 Bbls of water in 14 swab runs. Well flow for 45 minutes produced 17 Bbls of water, between swab runs #7 and #8. Based on last 3 swab runs, well making an estimated 72 BWPD, gas TSTM. Shut in well for the night.

3160-5

NEBU #477

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10-02-89 SICP = 870 psig, SITP = 682 psig. Made 14 runs and 65 Bbls of water. Well flowed for 42 minutes and produced 10 Bbls of water between swab runs #6 and #7. Last swab run fluid level at 2500'. Final casing pressure 389 psig. Based on last 3 swab runs, well would produce an estimated 72 to 96 BWPD.

10-03-89 Rigged up Rig, 10-02-89. SITP = 1000 psig. SICP = 600 psig. Nipple down wellhead. Nipple up BOP.

Pumped 24 Bbls of water to load hole. Circulated out gas-cut water for 45 minutes. RIH with 4 jts. Circulated out 5' of fill. Tubing plugged on bottom with coal. TOOH with 2-3/8", J-55, 4.7 #/ft tubing, tally. Clean out depth at 3200'. Leave casing open through 1/2" choke overnight.

10-04-89 TIH with tubing purge valve (.64'), 1 jt of 2-3/8" tubing (31.13'), 2-3/8" perforated sub (3.65') seating nipple (1.10', 1.780" ID), and 97 jts (3026.64') of 2-3/8", J-55, 4.7 #/ft new tubing. Summary: total of 98 jts of tubing in well. Tubing purge valve landed at 3078' KB, perforated interval from 3046' to 3043', seating nipple at 3042'.

Nippled down BOP, nipped up wellhead. RIH with 2" x 1-1/2" x 18' RWAC-EQ top hold down insert pump and 120 3/4" Class C Trico rods. Space out pump with 6' and 8' pony rods. Spot rental Lufkin 320 Roadrunner pumping unit with 100" stroke. Pressure test tubing to 500 psig - held OK. Released rig on 10-4-89.