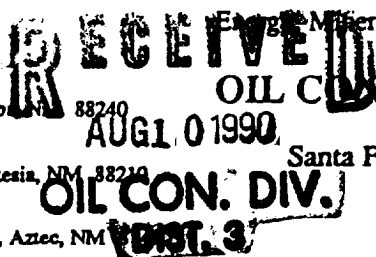


DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87413



OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-045-27340
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-3707-4
7. Lease Name or Unit Agreement Name	
Northeast Blanco Unit	
8. Well No.	Pump Mesa SWD #1
9. Pool name or Wildcat	
Wildcat Morrison-Entrada	

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Salt Water Disposal	2. Name of Operator Blackwood & Nichols Co., Ltd.
3. Address of Operator P. O. Box 1237, Durango, Colorado 81302	4. Well Location Unit Letter N : 990 Feet From The South Line and 1600 Feet From The West Line Section 36 Township 31N Range 8W NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6430' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

7-01-90 Gauge well for 15 minutes at 5580' - too small to measure. Gauge well at 5619' - TSTM. Strap out of hole (TD - 5890'). Log. Lay down 8" drill collars. Rig up and run 9-5/8" casing.

7-02-90 Run 54 jts (2263') 9-5/8" 40# K-55 USS casing, set at 5872'. Top of liner at 3622'. Top of Baker Hi-Flo II liner hanger at 3608'. Cement with 600 sx (1169 cf) Class G 65/35 Poz with 6% gel, 0.6% FL, 6-1/4 #/sk gilsonite, and 1/4 #/sk celloflake. Tail with 200 sx (236 cf) Class G with 0.8% FL and 0.2% retarder. Drop DP plug on fly, displace with 215 Bbls water @ 8.8 BPM. Plug down at 2:15 p.m., 7-1-90. Check float - held OK. Set liner packoff with 20,000#. Release setting tool. Load hole to reverse annulus, pump 549 Bbls water (70 Bbls above annulus capacity). No returns to surface. Shut down, well on vacuum. POOH with liner hanger setting tool. Run temperature survey after 8 hours; top of cement at 5600'. Pick up 12-1/4" bit and TIH. Set 30,000# on tie-back sleeve. WOC.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE R. W. Williams TITLE Administrative Manager DATE 8/6/90

TYPE OR PRINT NAME R. W. Williams TELEPHONE NO. 305 247-6720

(This space for State Use)

Original Signed by CHARLES GHOLSON

APPROVED BY \_\_\_\_\_ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE AUG 10 1990

CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**

AUG 10 1990

**OIL CON. DIV.**  
**DIST. 3**

NEBU PM SWD #1

9-5/8" Cement Sundry (Continued)

p. 2

7-03-90 RIH, set 30,000# on liner tie back sleeve at 3608', load hole with 550 bbls water. Close pipe rams and pressure test liner pack off to 1500 psi. Pressure after 30 minutes - 300 psi. Bleed off pressure, open pipe rams. Pick up off liner hanger, close pipe rams and pressure up to establish injection rate. Pressure to 2400 psi, shut down, pressure dropped 200 psi every 10 minutes, POOH, pick up bit #10 8-3/4 RT Smith Tool Company SVH (jets: 22-22-22). TIH, tag wiper plugs at 5830', set 50,000# down and hang remainder of drill pipe weight on 13-3/8" RTTS at 53'. Back off bypass valve on top of 13-3/8" packer. Lay down 2 jts drill pipe, TIW valve and bypass mandrel. Close blind rams. Rig down rig.

7-04-90 Move rig, water tank, and doghouse. Dig 8' deep x 7' x 22' hole on rig side of cellar; put 70 yds. 3/4" road base gravel in hole and compacted. Rig back up. Pick up 2 jts drill pipe and 13-3/8" RTTS bypass mandrel sub. Screw on to by pass mandrel. Release 13-3/8" RTTS and TOOH. Rig up wireline. RIH with 4" gun, shoot 2 holes (0.4" - 0.45"), 180° phasing at 3700', POOH. Pick up 13-3/8" cement retainer and TIH to squeeze 9-5/8" liner.

7-05-90 TIH with 13-3/8" cement retainer, set at 3568'; top of liner at 3608'. Load casing with 80 Bbls water, put 500 psi on backside. Pressure test drill pipe, squeeze manifold and lines to 3500 psi, held OK. Establish injection rate of 1.5 BPM @ 800 psi. Squeeze liner top with 300 sx (345 cf) 15.8 ppg Class G with 2% CaCl<sub>2</sub>. Displace with 43.9 Bbls water. Well on vacuum, let well suck 42.7 Bbls of displacement, hesitating every 10 minutes. Was able to perform walking squeeze on last 1.2 Bbls displacement, final squeeze pressure - 2000 psi. Squeeze total of 222 cf. Sting out of retainer at 10:45 a.m., 7-04-90. Reverse out 7-3/4 Bbls cement to surface. POOH with setting tool. WOC 12 hours.