SUBMIT IN TRIPLICATE*

Form approved, Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Ia. TYPE OF WORK DRILL X DEEPEN DEEPEN DEEPEN, OR PLUG BACK Nor b. TYPE OF WELL OIL WELL WELL X OTHER SINGLE X MULTIPLE SONE 2. NAME OF OFERATOR Blackwood & Nichols Co., Ltd. 3. ADDRESS OF OFERATOR P. O. BOX 1237, Durango, Colorado 81301 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1050' F/NL - 1200' F/WL At proposed prod. zone Same 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, BRILLING, COMPLETED, OR APPLID FOR, ON THIS LEASE, FT. 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6402' GL PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUE 13-3/4" 9-5/8" 32.00# 250' Cir 8-3/4" 7" 23.00# 3630' Cementary 15. DISTANCE FROM PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUE 13-3/4" 7" 23.00# 3630' Cementary 14. DISTANCE FROM PROPOSED CASING AND CEMENTING PROGRAM	104A ID AND POOL, OR WILDCAT ID OMESAVEY DE S., T., R., M., OR BLK. D SURVEY OR AREA -1-30N-8W INTY OR PARISH 13. STATE ASSIGNED 323.30
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	ent to 2000'
0 2/1	ent to 3400'
We propose to perforate the Mesaverde Zone and sand-water fracture wi water and 200,000 lbs sand in two stages. Estimated tops: Fruitland Lewis 3590', Cliffhouse 5220', Point Lookout 5600'. A 3000 PSI WP; S 900 - adapted to Series 10" - 600 and 6" - 600 hydraulic blowout prev with blind and necessary pipe rams will be used with adequate kill an lines. A mud of sufficient weight to control the Fruitland will be used drilled with gas below 7" casing. Compensated Density Gamma-neutron logs will be run in open hole. Blow-out preventers will be tested every trip. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive z zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and tr preventer program, if any. DeLasso Loosith District Manager	aloo', eries 10" - enter equipped d bleed off sed; well to JAN 1979 one and proposed new roductiv ue vertical depths Give blowou
(This space for Federal or State office use)	
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*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY - DURANGO, COLO.

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