

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30 039-23000

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla #37-B	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR W. B. Martin Sr. and W. B. Martin Jr.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2110 North Sullivan, Farmington, N.M. 87401		8. FARM OR LEASE NAME 3000 Martin-Blackford	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790' EL 900' NL 790' fml and 1850' fml At proposed prod. zone		9. WELL NO. #1 Martin-Blackford	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 0.5 miles NE of Otero Store		10. FIELD AND POOL, OR WILDCAT Ballard P.C.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any.) 790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA A SW NW 24 T24N R5W	
16. NO. OF ACRES IN LEASE 1600		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1/2 mile west		19. PROPOSED DEPTH 2540'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 05/21/82	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6613- 6642 GL			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Surface 9 5/8"	7"	17.00 lbs	100'	50 Sacks
Long 5 1/4"	2 7/8"	6.50 lbs	2540'	110 Sacks
Cover the gas alone				

Program: Drill to Pictured Cliffs formation with low water-loss mud. Run logs and evaluate productive zones. If productive run 2 7/8" completion string and selectively perforate and acidize. Complete and run tests natural. If justifiable stimulate with Nitrogen Foam Frac.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED W.B. Martin TITLE Operator DATE 05/13/82

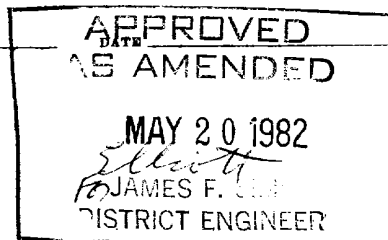
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

ohz

NM000



All distances must be from the outer boundaries of the Section.

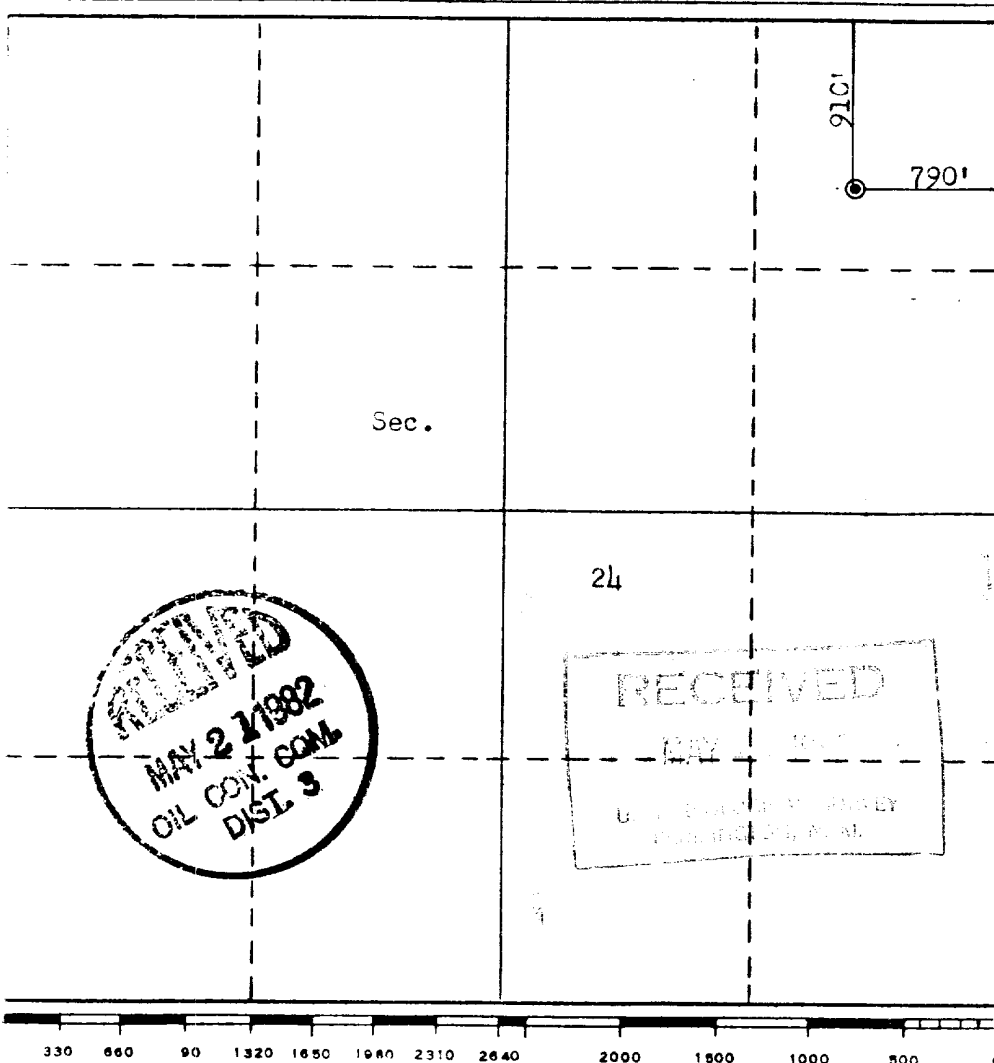
Operator W. B. MARTIN & ASSOCIATES		Lease Martin Blackford Jicarilla Contract #37-B		Well No. #1 Martin-Blackford
Unit Letter A	Section 24	Township 24N	Range 5W	County Rio Arriba
Actual Footage Location of Well: 910 feet from the North line and 790 feet from the East line				
Ground Level Elev. 6648	Producing Formation PICTURED CLIFFS	Pool DALLARD	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

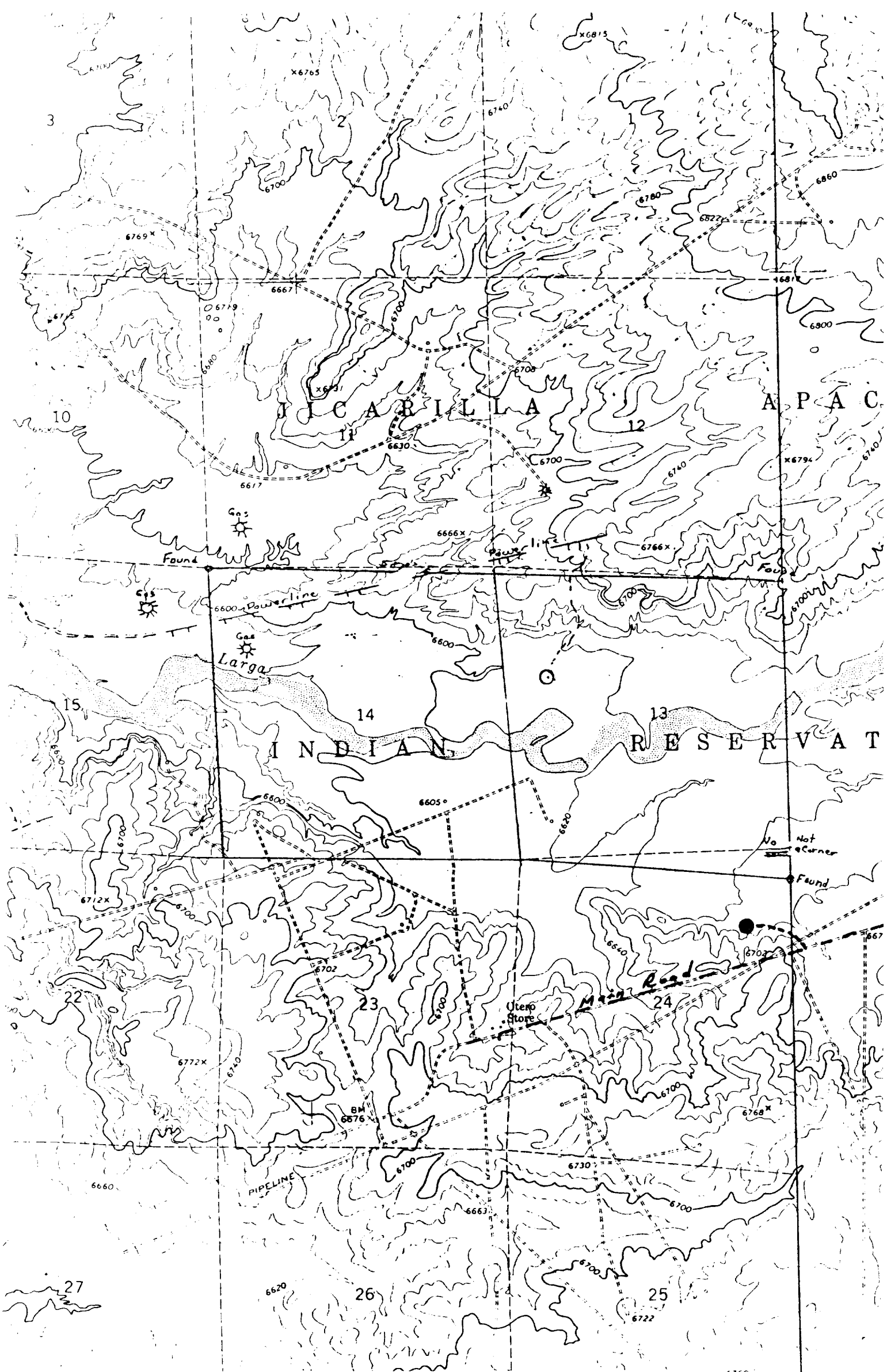
☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name W.B. Martin	
Position Operator	
Company See	
Date 5/13/82	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed May 4, 1982	
Registered Professional Engineer and/or Land Surveyor Fred E. Kerr Jr.	
Certificate No. 3950	



Vicinity Map for
W. B. MARTIN #1 Martin-Blackford
910'FNL 790'FEL Sec. 24-T24N-R5W
RIO ARRIBA COUNTY, NEW MEXICO