

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 03551	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Caulkins Oil Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Post Office Box 780, Farmington, New Mexico 87401			8. FARM OR LEASE NAME Breech "E"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1880 from South and 1980 from East At proposed prod. zone Same			9. WELL NO. 587	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30 miles Southeast of Blanco, New Mexico			10. FIELD AND POOL, OR WILDCAT Undes Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1880'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4 26N 6W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 470			12. COUNTY OR PARISH Rio Arriba	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6440 Gr.			13. STATE New Mexico	
22. APPROX. DATE WORK WILL START* July 20, 1975				

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Present condition:

TD 6687

5 1/2" 15.5# J-55 8 rd thd casing cemented @ 6686' with 500 sacks.

Perforated 6652-6656 6 holes per foot.

Abandoned as water injection well 5-9-66. Well has been temporary abandoned 5-9-66 to date.

It is now proposed to plug back and test Gallup 6450 to 6504. Cement plug will be spotted over perforations in 5 1/2" casing to 6550. Test 5 1/2" casing with 3000# then perforate 6450 to 6504 and acidize and frac as necessary to stimulate production. Blow out preventor will be used at all times while plugging back and recompleting well. A small pit on existing location will be required to contain frac water while swabbing well in.

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.

24. SIGNED Charles E. Vergun TITLE Superintendent DATE 7-8-75  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: