

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. SF 079035-A
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 Breach "A"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660 from North and 1980 from East At proposed prod. zone Same		9. WELL NO. 627
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 drig. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 2400	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8 26N 6W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330	19. PROPOSED DEPTH	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6493 DF.		13. STATE New Mexico
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 80
		20. ROTARY OR CABLE TOOLS
		22. APPROX. DATE WORK WILL START* July 20, 1975

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Present condition:

TD 6677

7" 23# J-55 8-rd @ 6620' cemented with 200 sacks. Open hole 6620 to 6677.
Abandoned as Tocito producer 8-1-68. Well has been temporary abandoned 8-1-68 to date.

It is now proposed to plug back and test Gallup 6434 to 6494. Cement plug will be spotted over pay in open hole back to 6550'. Test 7" casing with 2000# then perforate 6434 to 6494 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. Deque 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: