

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

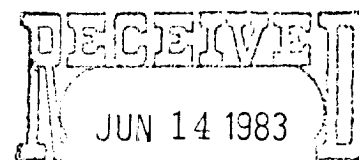
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC060572	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>ARTESIAN</u> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Perry R. Bass			7. UNIT AGREEMENT NAME Big Eddy Unit	
3. ADDRESS OF OPERATOR P. O. BOX 2760, MIDLAND, TEXAS <u>79702</u>			8. FARM OR LEASE NAME Big Eddy Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 2180' FWL, Sec. 6, T21S, R28E At proposed prod. zone Same as above.			9. WELL NO. 91	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles NE of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Eddy Undesignated Morrow	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T21S, R28E	
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 3228'			22. APPROX. DATE WORK WILL START* Upon Approval	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11 3/4"	42	1,000' \pm	580 sx Circ to surface
11"	8 5/8"	24	3,200' \pm	750 sx Circ to surface
7 7/8"	4 1/2"	11.6#	11,800' \pm	1100 sx Est. TOC @ 8200'

Drilling Prognosis, BOP diagrams, formation tops, and surface use plans are attached.

Gas is dedicated.

OIL & GAS

ROSWELL, NEW MEXICO

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 Stephen D. Smith TITLE Drilling Engineer Asst. DATE June 7, 1983
(This space for Federal or State office use)PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY A. D. Lopez TITLE _____ DATE 6/26/83
CONDITIONS OF APPROVAL, IF ANY: _____APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED