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LAND OFFICE	
OPERATOR	

API No. 30-025-04153

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease
 STATE FCC

5. State Oil & Gas Lease No.
 B-2204

7. Unit Agreement Name

8. Farm or Lease Name
 New

9. Well No.
 2

10. Field and Pool, or Wildcat
 Eunice Monument-Gb/SA

12. County
 Lea

19. Proposed Depth
 3810'

19A. Formation
 Grayburg/SA

20. Rotary or C.T.
 Rotary

21A. Kind & Status Plug. Bond
 Blanket

21B. Drilling Contractor
 n/a

22. Approx. Date Work will start
 Upon approval

a. Type of Work

b. Type of Well
 DRILL DEEPEN PLUG BACK

OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
 Phillips Petroleum Company

3. Address of Operator
 4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well
 UNIT LETTER H LOCATED 1980 FEET FROM THE north LINE
 AND 330 FEET FROM THE east LINE OF SEC. 26 TWP. 20-S RGE. 36-E NMPM

21. Elevations (Show whether LF, RT, etc.) 3552.2' GR		21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor n/a	22. Approx. Date Work will start Upon approval
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PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/4"	13"	35#	197'	200 sx	Surface
12-1/4"	9-5/8"	36#	1236'	250 sx	Unk.
8-3/4" to 3710'	7"	24#	3701'	400 sx	1618'
6-1/4" to (3810') <i>old 7'</i>					

Propose to reopen Grayburg zone, (plugged back in 1947) deepen well to 3880', acidize and frac as follows:

MI & RU DDU and reverse unit. NU BOP and pressure test. COOH with 2-3/8" tbq. GIH with 6" drill bit and drill collars on 2-7/8" workstring. Drill out to TD at 3810'. Deepen well to 3880'. Circulate hole clean with 2% KCL water. COOH with bit, drill collars and workstring.

Install lubricator. Perforate open hole interval with string shot at 1 JSPF on 180 degree phasing using 3-3/4" gun with 90 gram charges from top to bottom at the 3735'-3790' and 3815'-3860' (100' - 100 shots). Check for fill and clean out as necessary.

GIH with 7" RTTS-type packer on 2-7/8" workstring and set at ±3690' and swab test. Acidize Grayburg open hole with 3000 gals of 15% NEFE acid dropping 500 lbs. of graded rock salt after each 1000 gals. Swab spent acid and load water.

SEE REVERSE SIDE

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Jerry Sexton
 W. J. Mueller Title Engineering Supervisor, Reservoir Date April 8, 1987

(This space for State Use)
 ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE APR 10 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway
workover

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Frac Grayburg open hole with 40,000 gals of VERSAGEL 1300 carrying 29,000 lbs. of 20/40 mesh sand and 65,000 lbs of 12/20 mesh sand. Treat at 18-20 BPM with maximum treating pressure not to exceed 5000 psi. Swab back load. Unseat packer. COOH with tubing and Baker Model A-3 Loc-set packer, land tubing at 3818' with packer at 3694'. GIH with sucker rod string, install C-114 pumping unit and put well on production. Mud additives as required for control while deepening hole to 3880'. BOP EQUIP: Series 900, 3000#WP, 1 set blind rams, 1 set pipe rams, manually operated.