STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

5A. Indicate Type of Lease STATE [X] FEE [ ]

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

API NO. 30-025-04350

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [ ] DEEPEN [X] PLUG BACK [ ]

b. Type of Well
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name

8. Farm or Lease Name: New

2. Name of Operator: Phillips Petroleum

9. Well No.: 1

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

10. Field and Pool, or Wildcat: Eumont Yates-SR-Q & Eunice Monument-Gb/SA

4. Location of Well UNIT LETTER A LOCATED 660 FEET FROM THE north LINE AND 330 FEET FROM THE east LINE OF SEC. 26 TWP. 20-S RGE. 36-E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3850'	Queen-Gb-SA	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3565' RKB 3554'GR	Blanket Bond	N/A	Upon Approval

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
16"	13-3/8"	35#	193'	150 sx	Surface
11"	9-5/8"	36#	1265'	400 sx	Unknown
8-5/8"	7"	24#	3696'	300 sx	Unknown

Propose to deepen well to 3890' perforate and treat before downhole commingling well per NMOCD approval.
Proposed procedure as follows:
MI and RU DDU and reverse unit. COOH with rods and pump. Insure well is dead. Install BOP. COOH with 2-7/8" tubing. GIH with 6" drill bit and drill collars on 2-7/8" workstring. Deepen well to 3890' (current TD @ 3850'). Circulate hole clean with 2% KCl water. COOH with bit, drill collars and workstring. Log open hole section (3696'-3890') with GR-CNL-Caliper log. Install lubricator and perforate selected intervals of the open hole section 3696'-3890' to be determined from the GR-CNL-Caliper log run above, from bottom to top using 3-3/4" Tornado gun with 90 gram charges at 2 JSPF on spiral phasing. RIH with bailer to TD at 3890' and check for fill. Clean out as necessary. GIH with 7" RTTS-type packer on 2-7/8" workstring. Set packer at ±3640'. Load annulus with 2% KCl water and pressure test casing and packer to 1000 psi. Swab test to clean up openhole interval. Acidize open hole (3696'-3890') down 2-7/8" workstring with 3000 gals. of 15% NEFe acid dropping 500 lbs. of graded rock salt after each 1000 gals. Swab spent acid and load water. Frac open hole (3696'-3890') down 2-7/8" workstring with

(SEE OTHER SIDE)

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. 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.

Signed Ralph J. Roper for W. J. Mueller Title Engineering Supervisor, Resvr. Date August 20, 1987

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
APPROVED BY DISTRICT I SUPERVISOR TITLE _____ DATE SEP 1 1987

CONDITIONS OF APPROVAL, IF ANY:

40,000 gals. of VERSAGEL 1300 carrying 29,000 lbs. of 20/40 mesh sand and 56,000 lbs. of 12/20 mesh sand. Swab back load one day. Unseat packer. COOH with workstring and packer. Run bailer and clean out to TD at 3890'. GIH with production tubing string. Land tubing at ±3860' w/TAC @ 3650' set in 12,000# tension. GIH with sucker rod string. Set beam pumping unit. Put well on production.