

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

RECEIVED BY
DEC - 5 1986
O. C. D.

BOX 2088

ALBUQUERQUE, NEW MEXICO 87501

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
K-3271

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

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
1b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Form or Lease Name James-A
2. Name of Operator Phillips Petroleum Company		9. Well No. 2
3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762		10. Field and Pool, or Wildcat Undesignated (Wildcat) Cherry Canyon Del Norte
4. Location of Well UNIT LETTER J LOCATED 1652 FEET FROM THE south LINE AND 1980 FEET FROM THE east LINE OF SEC. 2 TWP. 22-S RGE. 30-E WMPM		12. County Eddy
19. Proposed Depth 6100'		19A. Formation Cherry Canyon
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, RT, etc.) 3186' (unprepared)	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Will advise later
22. Approx. Date Work will start Upon approval		

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	54.5#, K-55	400'	600 sx Class "C", 2% CaCl ₂ Surface.	
11"	8 5/8"	24#, K-55	3500'	Caliper volume + 30% excess of Class C, 20% Diacel "D" + 23#/sx salt + 1/2#/sx cellophane, tailed w/200 sx Class "C", 10#/sx salt. Cmt circulated to surface.	
7 7/8"	5 1/2"	14# & 15.5# K-55	6000'	Caliper volume + 20% excess of Class C + 20% Diacel D + 1/2# per sx cellophane tailed w/ Class C neat. TOC est. @4500'.	

Use mud additives as required for control.

Notify N.M.O.C.C. in sufficient time to witness
13 3/8" csg. and 8 5/8" csg.

BOP EQUIP: Series 900, 3000# WP (See attached schematic - Fig 7-9 or 7-10)

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, EIVE 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 W. J. Mueller Title Engineering Supervisor, Reservoir Date November 24, 1986

(This space for State Use)

APPROVED BY Daniel Moore TITLE Geologist DATE 12/17/86

CONDITIONS OF APPROVAL, IF ANY:

cc: Mississippi Chemical - P.O. Box 101, Carlsbad, NM 88220
International Minerals & Chemical Corp. - P. O. Box 71, Carlsbad, NM 88220