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OPERATOR	

API NO.

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
B-2317

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work <u>SEE ORDER R-7103.</u>		7. Unit Agreement Name ---	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injection <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Hale, M. E.	
c. Name of Operator Phillips Petroleum Company		9. Well No. 18	
d. Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762		10. Field and Pool, or Wildcat Vacuum Grayburg/San Andres	
e. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1410</u> FEET FROM THE <u>South</u> LINE <u>10</u> FEET FROM THE East LINE OF SEC. <u>35</u> TWP. <u>27-S</u> R. <u>34-E</u> NECPM		11. County Lea	
19. Proposed Depth 4800'		19A. Formation Grayburg/San Andres	
20. Rotary or C.T. Rotary		21. Elevations (show whether DF, RT, etc.) 4003.8' GR (Unprepared)	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Advise Later	
22. Approx. Date Work will start Upon Approval			

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"	48#, H-40	1550'	1400 sx Class "C" w/2% CaCl ₂ & 1/4#/sx Cellophane	Circ to Surface.
** 11"	8-5/8"	32#, K-55	3190'	Circulate to surface in two stages. 1st stage. Caliper volume plus 30% excess HOWCO Light w/15#/sx salt, 1/4#/sx Cellophane & 5#/sx Gilsonite followed by 150sx Class "C" w/2% CaCl ₂ . 2nd stage. 450sx Class "H" w/2% CaCl ₂ .	
7-7/8"	5-1/2"	15.5#, K-55	4800'	Circulate to surface with caliper volume plus 30% excess TLW w/10% Diacel D, 10% salt, 1/4#/sx Cellophane & 3#/sx Gilsonite followed by 300sx Class "C" Neat.	

Use mud additives as required for control.

** If necessary to control salt water flow.

BOP EQUIPMENT: Series 900, 3000 PSI WP, BOP Standards. (See figure 7 attached.)

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 [Signature] W. J. Mueller Title Senior Engineering Specialist Date 11-23-82

APPROVED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR DATE DEC 22 1982
(This space for State Use)
ORIGINAL SIGNED BY

APPROVAL VALID FOR 180 DAYS
6/22/83
UNDERWAY

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator PHILLIPS PETROLEUM COMPANY			Lease M.E. HALE			Well No. 18		
Tract Letter I	Section 35	Township 17 SOUTH	Range 34 EAST	County LEA				
Actual Footage Location of Well: 1410 feet from the SOUTH line and 10 feet from the EAST line								
Ground Level Elev. 4003.8	Producing Formation Grayburg-San Andres		Pool Vacuum Grayburg-San Andres			Designated Acreage: Acres		

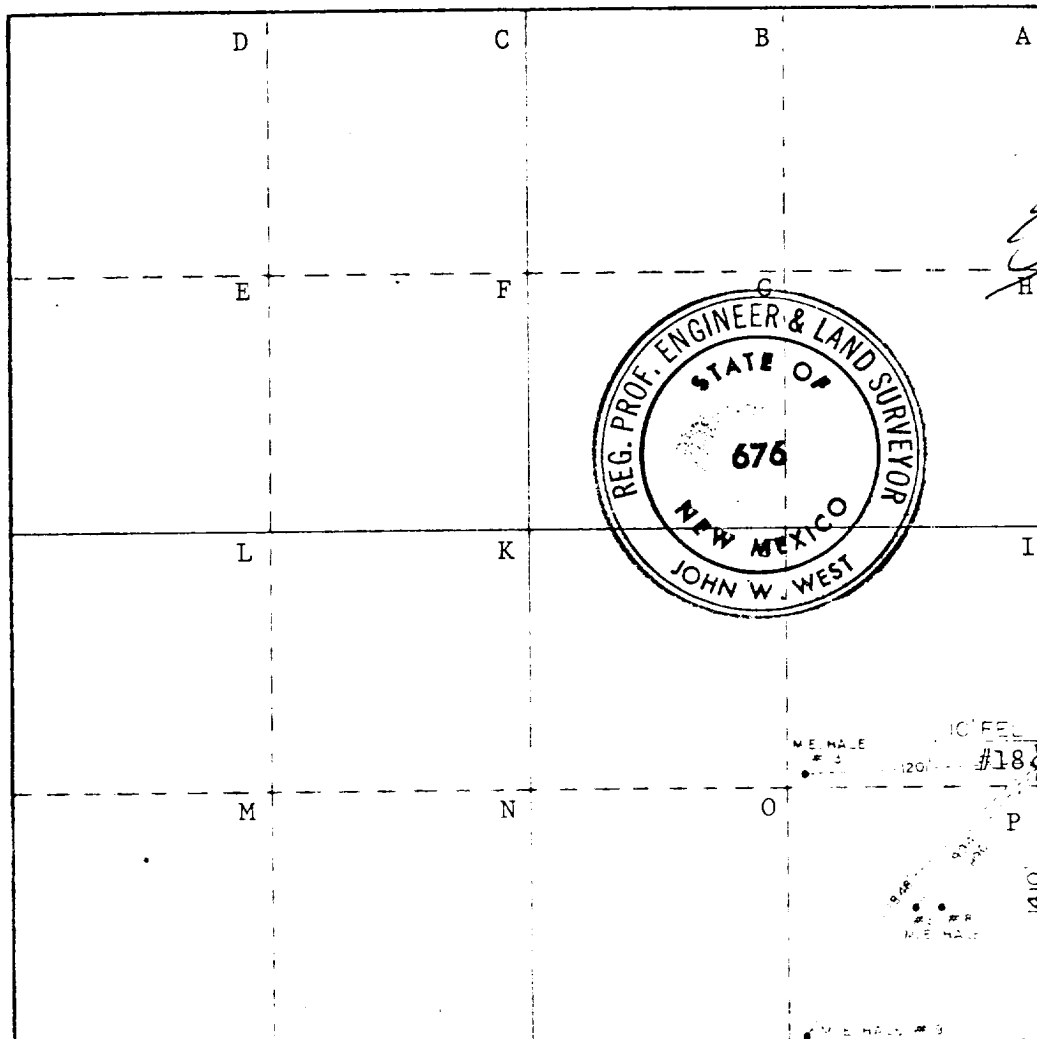
(Unprepared)

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

[Signature]
W. J. Mueller
Senior Engineering Specialist

Phillips Petroleum Company

Date
11-23-82

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

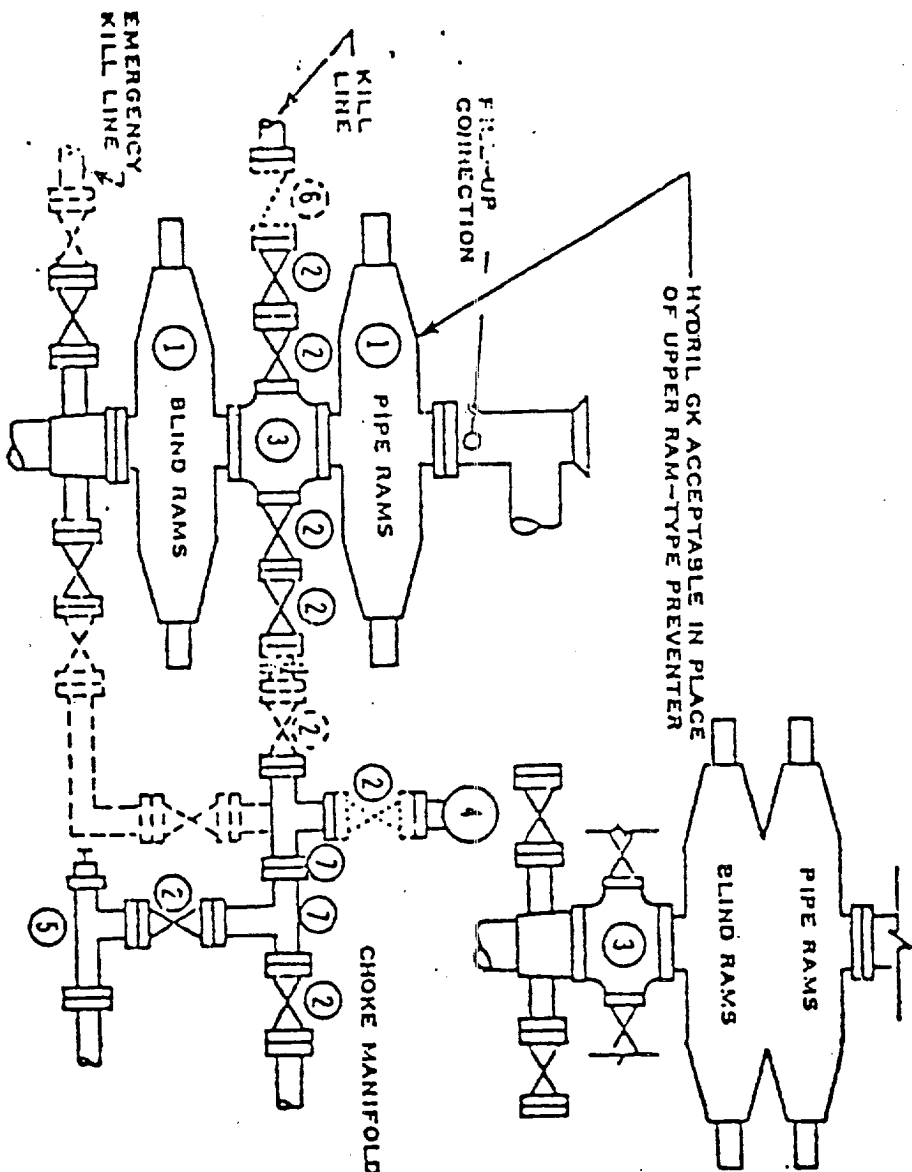
Date dictated
10/16/82

Registered Professional Engineer
and Land Surveyor

[Signature]
Certificate No. _____

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DOUBLE PREVENTER OPTION



- ① SERIES 900 RAM-TYPE BOP
- ② 2" SERIES 900 VALVE
- ③ SERIES 900 DRILLING SPOOL
- ④ 2" MUD PRESSURE GAUGE
- ⑤ 2" SERIES 900 CHOKE
- ⑥ 2" SERIES 900 CHECK VALVE
- ⑦ 2" SERIES 900 STEEL TEE

NOTES:

1. 3000 PSI WP CLAMP
HUBS MAY BE SUBSTITUTED
FOR FLANGES
2. VALVES MAY BE EITHER HAND OR POWER
OPERATED BUT, IF POWER OPERATED,
THE VALVES FLANGED TO THE BOP RUN
MUST BE CAPABLE OF BEING OPENED AND
CLOSED MANUALLY OR CLOSE ON POWER
FAILURE AND BE CAPABLE OF BEING
OPENED MANUALLY

..... OPTIONAL EQUIPMENT

PHILLIPS PETROLEUM COMPANY

3000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP
(SERIES 900 FLANGES OR BETTER)

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PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

November 2, 1982

Waiver of Objection to Drill
Lease-Line Injection Wells at
Unorthodox Locations,
Phillips Hale-Mable Vacuum G-SA
Pressure Maintenance Project,
Vacuum Grayburg-San Andres Field,
Lea County, New Mexico

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico

Gentlemen:

As an authorized representative of the below named offset operator, I have been duly informed by Phillips Petroleum Company of their application to drill the attached lease-line injection wells. It is understood that the wells will be drilled to a depth of approximately 4,800 feet for the purpose of water injection into the Grayburg and San Andres formations at pressures not to exceed 0.2 psi/ft., at an average rate of 1,500 BWPD/well. I hereby waive any objection to the granting of their request to drill the attached wells.

It is understood that the subject wells are to be located as per attached.

Texaco Inc.
Offset Operator

By

R. L. Lane

Date

11-4-82

DH:1bb

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PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
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It is understood that the subject wells are to be located as per attached.

CONOCO INC.

Offset Operator

By

Date

NOVEMBER 3, 1982

DE:1bb

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PHILLIPS HALE-MABLE VACUUM G-SA
PRESSURE MAINTENANCE PROJECT

<u>Well Name and No.</u>	<u>Location</u>
M. E. Hale Co-op Well No. 14	2630' FSL & 1330' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico
M. E. Hale Co-op Well No. 15	2630' FSL & 2630' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico
M. E. Hale Co-op Well No. 16	2630' FSL & 1330' FEL, Section 35, T-17-S, R-34-E, Lea County, New Mexico
M. E. Hale Co-op Well No. 17	1310' FSL & 1330' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico
M. E. Hale Co-op Well No. 18	1410' FSL & 10' FEL, Section 35, T-17-S, R-34-E, Lea County, New Mexico
M. E. Hale Co-op Well No. 19	10' FSL & 1210' FEL, Section 35, T-17-S, R-34-E, Lea County, New Mexico
Mable Co-op Well No. 4	1330' FNL & 1310' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico
Mable Co-op Well No. 5	1330' FNL & 110' FWL, Section 35, T-17-S, R-34-E, Lea County, New Mexico

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