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OPERATOR	

API #30-025-21728

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEED <input type="checkbox"/>
5. State Oil & Gas Lease No. B-4118	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Reentry SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				7. Unit Agreement Name	
2. Name of Operator / PHILLIPS OIL COMPANY				8. Farm or Lease Name Lea	
3. Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762				9. Well No. 31	
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1806 FEET FROM THE West LINE OF SEC. 30 TWP. 17-S RCE. 34-E NADP				10. Field and Pool, or Wildcat Vacuum Grayburg/SA	
11. Elevations (Show whether DF, RT, etc.) 4091'				12. County Lea	
19. Proposed Depth 4800'		19A. Formation Grayburg/SA		20. Rotary or C.T. Rotary	
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
8 3/4"	7"	20#	1496	(225 sx 6% gel	circ @ surface
			w 1/4 Flocele/sx)	(+ 100 sx mud	w/2% CaCl <sub>2</sub> )
7-7/8"	4-1/2"	11.6# N-80	4800'	Circ to surface	surface
with caliper + 30% using TLW + 10% Diacel D + 12#/sx salt + 1/4#/sx cellophane + 3#/sx gilsonite mixed at 12.0 ppg w/12 gallons of water per sx to yield 2.21 ft 3/sx. Tail in w/250 sx Class H + 5#/sx salt mixed at 15.9 ppg w/5.13 gallons of water per sx to yield 1.19 ft 3/sx.					

(Well originally drilled by H C Hood as Phillips State #1 in 1966; P&A 4-18-66.)

Use mud additives as required for control.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 8-30-84  
UNLESS DRILLING UNDERWAY

BOP Equip: Series 900, 3000# WP, per PPCo standards, Figure No. 7 Schematic Attached.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

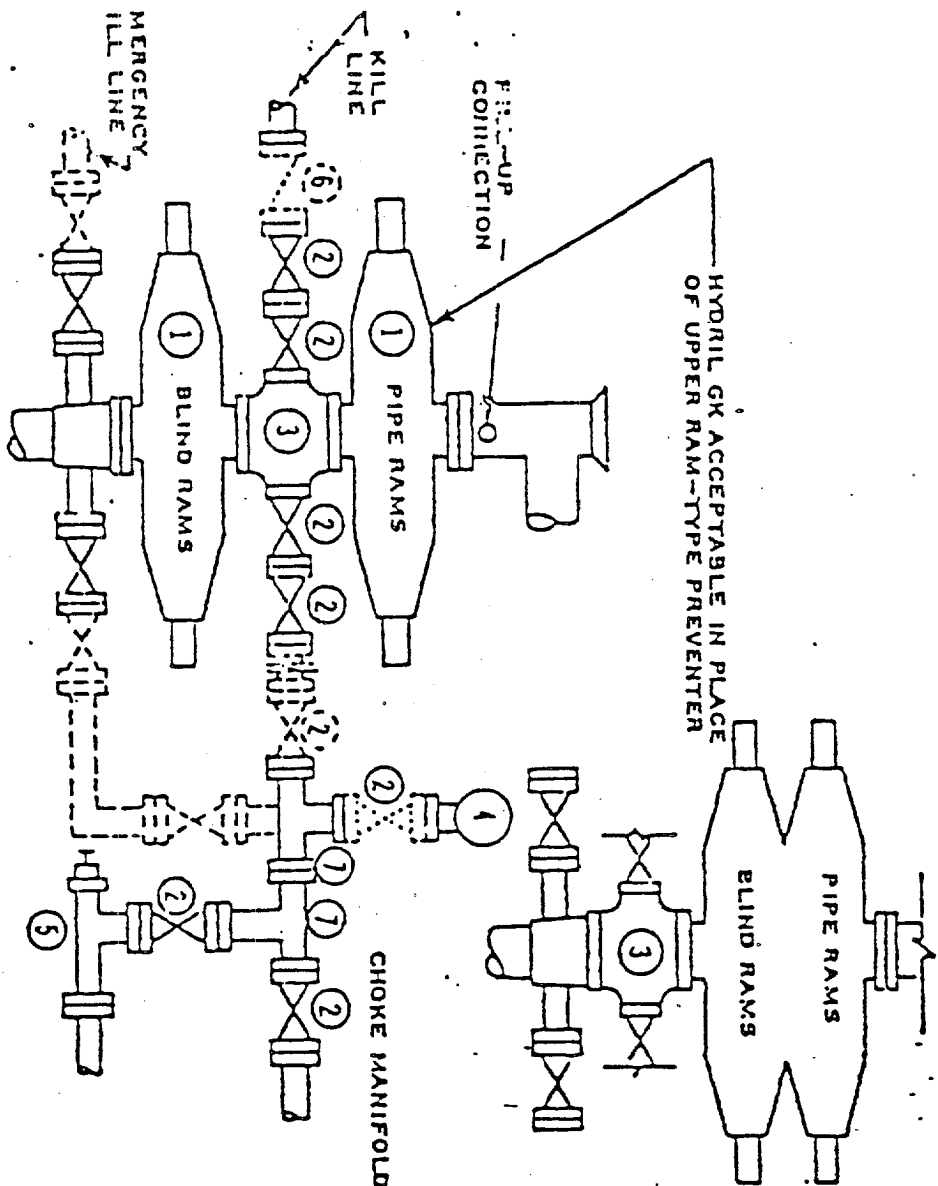
W. J. Mueller Sr. Engineering Specialist Date September 28, 1983

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT 1 SUPERVISOR  
APPROVED BY TITLE DATE  
CONDITIONS OF APPROVAL, IF ANY:

SEP 30 1983

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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 HUGS 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 BETT

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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 <b>PHILLIPS OIL COMPANY</b>			Lease <b>LEA</b>		Well No. <b>31</b>
Unit Letter <b>C</b>	Section <b>30</b>	Township <b>17 SOUTH</b>	Range <b>34 EAST</b>	County <b>LEA</b>	

Actual Footage Location of Well:

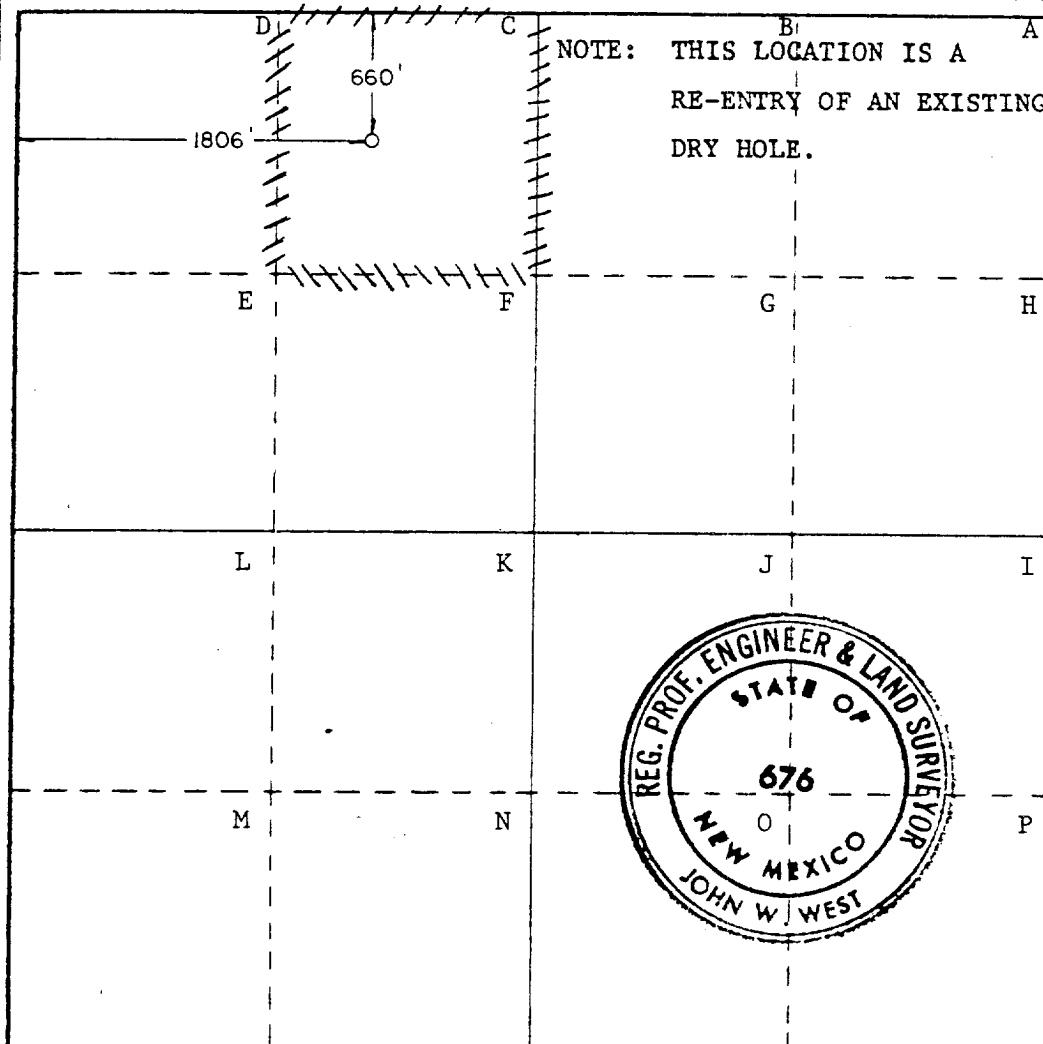
<b>1806</b> feet from the <b>WEST</b> line and <b>660</b> feet from the <b>NORTH</b> line	
Ground Level Elev. <b>4090.7</b>	Producing Formation <b>Grayburg San Andres</b>
Pool <b>Vacuum Grayburg San Andres</b>	Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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.

Name **W. J. Mueller**  
Position  
**Sr. Engineering Specialist**  
Company  
**PHILLIPS OIL COMPANY**

Date  
**September 28, 1983**

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 Surveyed  
**SEPTEMBER 21, 1983**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**

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