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LAND OFFICE
OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

1A. Indicate Type of Lease	
STATE ☒	FEE ☐
1. State Oil & Gas Lease No.	
A-1320	
2. Unit Agreement Name	
East Vacuum Grayburg/ San Andres Unit	
3. Name of Lease Name	
East Vacuum Grayburg/San Andres Unit, Tract 2801	
4. Well No.	
002	
5. Field and Pool, or Wildcat	
Vacuum Grayburg/San Andres	
12. County	
Lea	
6. Proposed Depth	13A. Formation
4900'	Grayburg/San Andres Rotary
21. Elevations (Show whether O.K. or not)	22. Approx. Date Work will start
3950.3' Ground (unprepared) blanket	upon approval

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1. Type of Work					
2. Type of Well					
DRILL ☒ DEEPEN ☐ PLUG BACK ☐					
3. Name of Operator					
PHILLIPS PETROLEUM COMPANY					
4. Address of Operator					
ROOM 401, 4001 Penbrook Street, ODESSA, TEXAS 79762					
5. Location of Well					
UNIT LETTER M LOCATED 1140 FEET FROM THE South LINE					
AND 1310 FEET FROM THE West LINE OF NEOL 28 17-S 35-E					
6. Proposed Depth					
4900'					
13A. Formation					
Grayburg/San Andres Rotary					
21. Elevations (Show whether O.K. or not)					
3950.3' Ground (unprepared) blanket					
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	350' (675 sx Cl H w/2% CaCl ₂ & circ to surface)		
12-1/4" x 8-5/8"	7"	23#, K-55	4900' (suff. TRLW w/12# salt/sx w/10% DD and 1/4# Flocele/sx in 1st 150/sx)		
			1/4# Flocele plus 3# Gilsontite/sx follwd by 260 sx Cl H cement w/8# salt/sx to circ at surface).		

NOTE: If excessive waterflow is encountered in salt section, 9-5/8", 40#, N80 intermediate casing will be set at approx. 3030' cemented to surface w/cement of quality adequate to control waterflow & protect casing string.

(This well is in the same proration unit as well no. 008)

Re: NMOCD Order No R-5897: Administrative approval requested as provided by Rule 8 of Order (4) the location herein is required due to topographical circumstances. The orig. loc. approved within Order (3) was 1310' FS & W lines of the above section. (Conf. Telecon McL-Ramey 1-22-79)

APPROVAL VALID
Use Mud Additives as Required for ~~FOR 10~~ DAYS UNLESS
DRILLING COMMENCED,

EXPIRES July 20, 1979

BOP: Series 900, 3000# WP, double w/one set pipe rams and one set blind rams.

IN ABOVE SPACE DESCRIBE THE PROPOSED PROGRAM IF DIFFERENT FROM THAT IN THE PERMIT TO DRILL, DEEPEN, OR PLUG BACK, WITH DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE, WITH TELETYPE OR TELEPHONE PROGRAM, IF ANY.

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

Signature W. J. Mueller Engineering Advisor Date January 22, 1979

Geologist

APPROVED BY John W. Ramey DATE APR 20 1979

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-107
Supersedes O-128
Effective 12-65

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

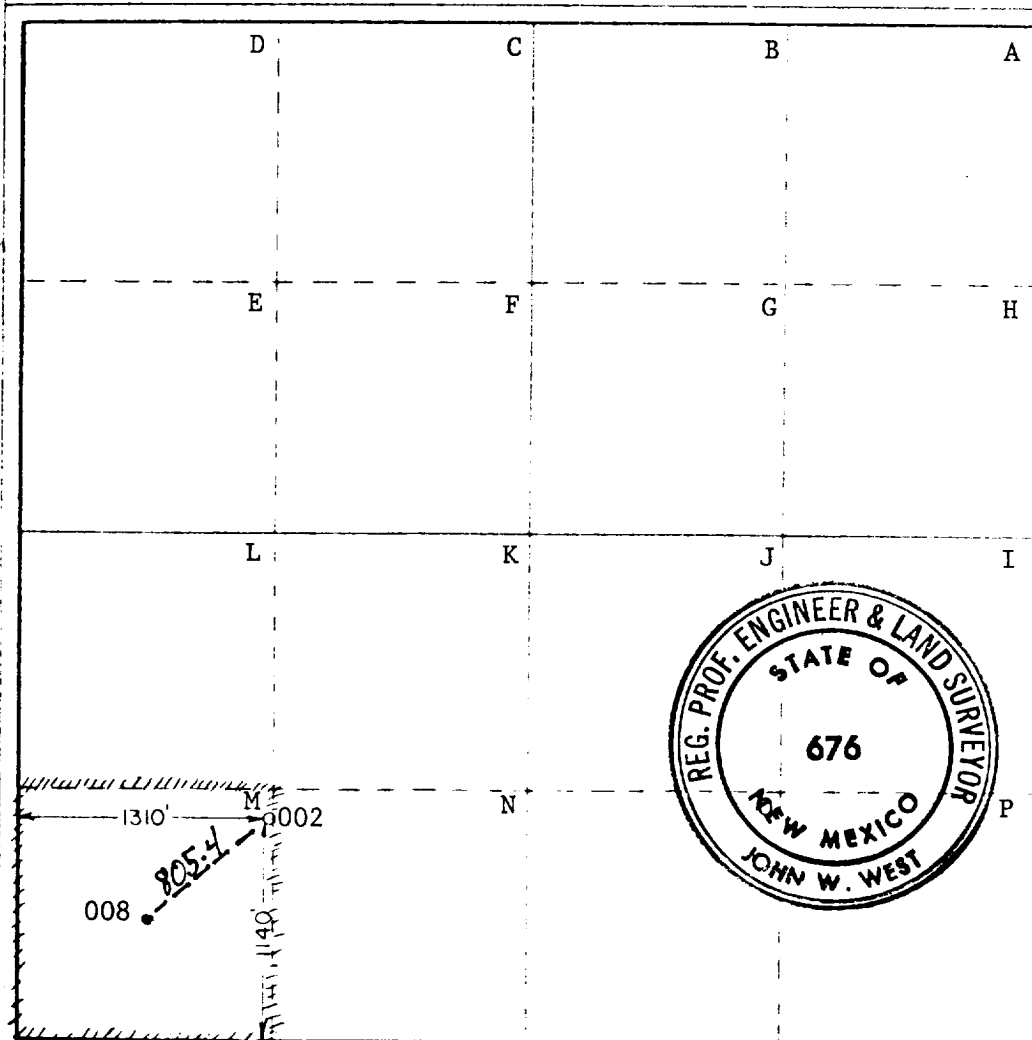
Operator Phillips Petroleum Company		Lease E.V.G.S.A.U. M Tract 2801		Well No. 002
Section M	Section 28	Range 17 South	Range 35 East	Lea
Amount of Dedication of Well 1140 feet from the South line of 1310 feet from the West line				
Ground Elev. 3950.3	Producing Formation Grayburg/San Andres	Vacuum Grayburg/San Andres		Estimated Acreage 40

1. Outline the acreage dedicated to the subject well by colored pencil or black ink 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.

W. J. Mueller

W. J. Mueller

Engineering Advisor

Phillips Petroleum Co.

January 23, 1979

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.

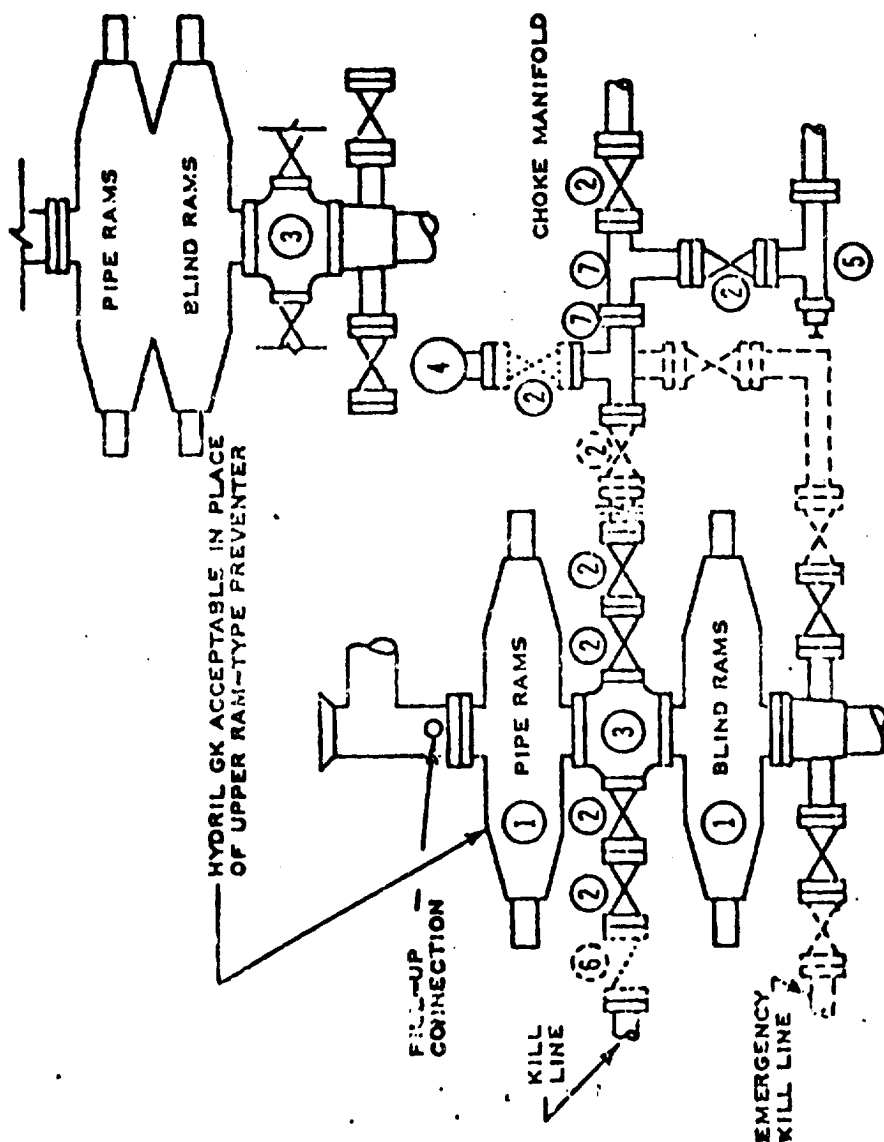
January 5, 1979

Registered Professional Engineer
Oil and Gas Surveyor

John W. West
Certificate No. John W. West 676
Ronald J. Fiddens 3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

DOUBLE PREVENTER OPTION



- ① SERIES 900 RAM-TYPE DOP
- 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
HUSSE 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)