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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 22 1976

30-045-21791
Form C-101
Revised 1-4-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Yates Petroleum Corporation ✓		8. Farm or Lease Name Cannon "FW"	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		9. Well No. 2	
4. Location of Well UNIT LETTER E LOCATED 2310 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE OF SEC. 21 TWP. 18S RGE. 26E NMPM		10. Field and Pool, or Wildcat Und Atoka (S.A.)	
12. County Eddy			
19. Proposed Depth Approx 1900'		19A. Formation San Andres	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 3402' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Byrd Drilling Co.	22. Approx. Date Work will start As soon as approved

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	10-3/4"	32#	Approx 400'	Circulate	
9 1/2"	7"	20-23#	" 1200'	Circulate	
6 1/4"	4 1/2 & 5 1/2"	9.5 & 15.5#	" 1900'	150 sacks	

It is our intention to drill a San Andres Test. Approx. 400' of surface casing will be run, if needed, to shut off gravel and cavings, intermediate casing will be set 100' below the Artesian Zone with cement circulated. If production is encountered a tapered string of 4 1/2" and 5 1/2" production casing will be run, perforated and treated for production.

Mud Program: - FW gel and LCM to 1200'. Fresh water to total depth.

BOP Program: - BOP's will be installed on 7" casing and tested daily.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 7-22-76

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 Christine Lombard Geol. Secty Date 4-21-76

(This space for State Use)

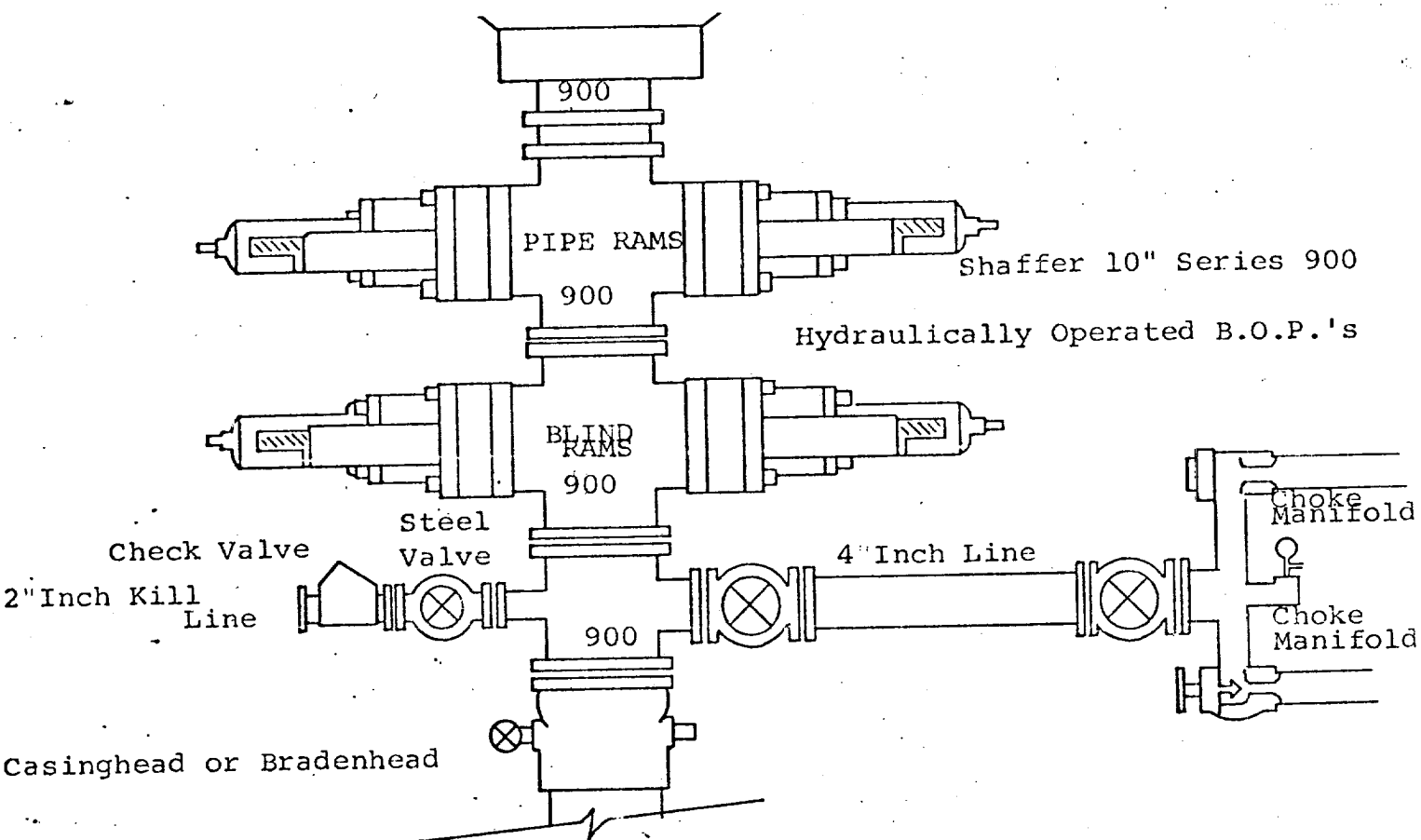
APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II

DATE APR 22 1976

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 10 3/4" & 7" casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 7" casing



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
2. Choke outlet to be a minimum of 4" diameter.
3. Kill line to be of all steel construction of 2" minimum diameter.
4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
7. Inside blowout preventer to be available on rig floor.
8. Operating controls located a safe distance from the rig floor.
9. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
10. D. P. float must be installed and used below zone of first gas intrusion.