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NEW MEXICO OIL CONSERVATION COMMISSION

SEP 16 1976

O. C. C.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E 794
7. Unit Agreement Name
8. Farm or Lease Name Angle State
9. Well No. 3
10. Field and Pool, or Wildcat Vacuum (Gba.-S.A.)
17. County Lea
19. Estimated Depth Approx. 4750'
19A. Formation San Andres
20. Rotary or C.T. Rotary
21. Elevations (Show whether D.P., R.T., etc.) 4083' GR
21A. Roof & Status (H.C., B.C., etc.) Blanket
21B. Drilling Contractor Sonora Drilling Co.
22. Approx. Date Work will start 9-20-76

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator John A. Yates
3. Address of Operator 207 South Fourth Street, Artesia, NM 88210
4. Location of Well UNIT LETTER M LOCATED 330 FEET FROM THE South LINE AND 330 FEET FROM THE West LINE OF SEC. 9 T.17S R.34E
21. Elevations (Show whether D.P., R.T., etc.) 4083' GR
21A. Roof & Status (H.C., B.C., etc.) Blanket
21B. Drilling Contractor Sonora Drilling Co.
22. Approx. Date Work will start 9-20-76

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24# K-55	Approx. 1550'	600 sacks	Circulate
7-7/8"	5 1/2"	15.5# K-55	TD	500 sacks	2700'

Propose to drill and test the San Andres and intermediate formations. Surface casing will be set 50' into the anhydrite & cement circulated. Will probably core the Queen Sand @ 3880-3930'. Will log & evaluate the San Andres; if commercial will run 5 1/2" casing & cement to base of the Salt section. Will perforate & stimulate as needed for production.

Mud Program: Gel & LCM to 1550'; Brine mud w/fluid loss control to TD.

BOP Program: BOP's will be installed on 8-5/8" casing & tested daily.

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.

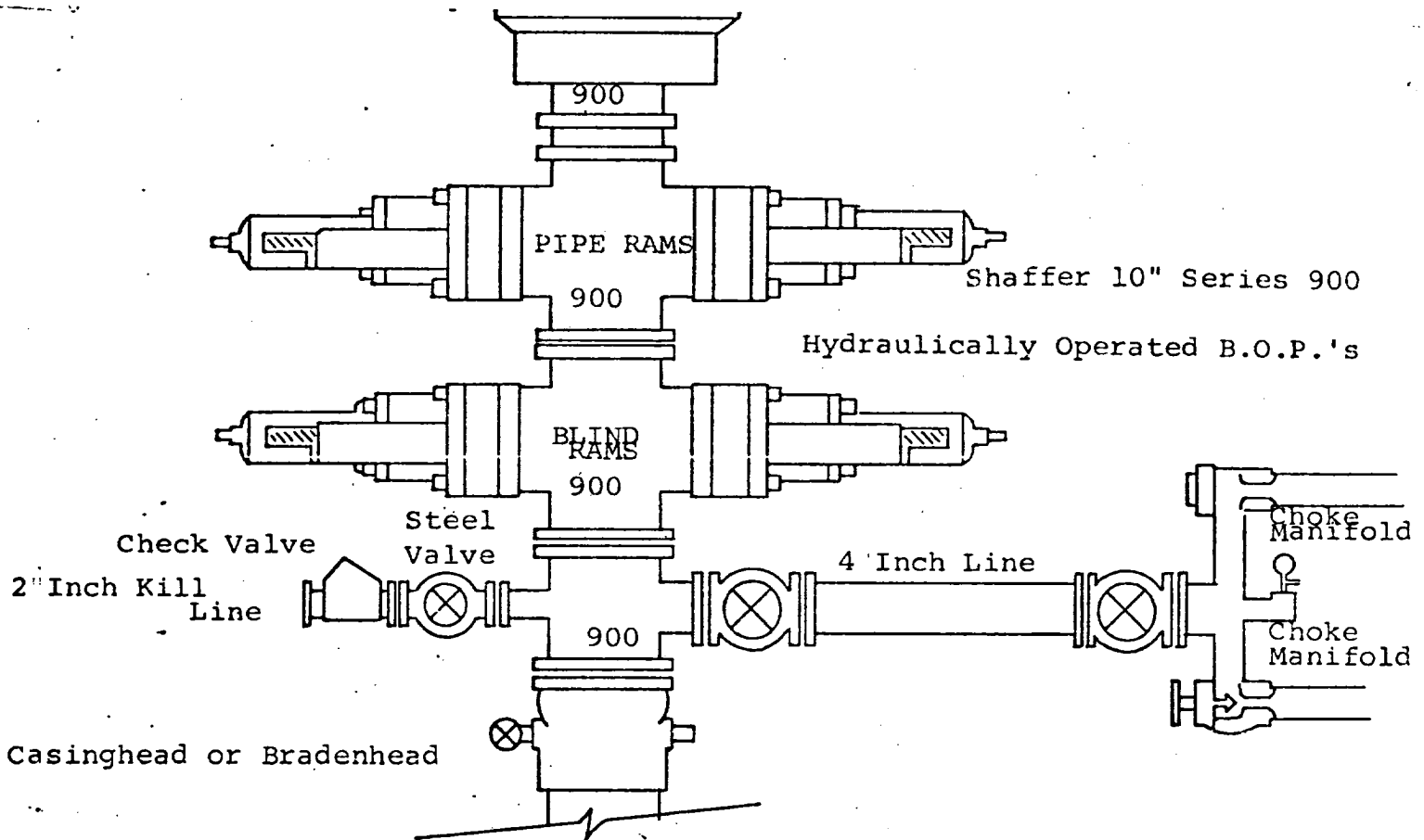
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Edwin M. Matys Title Engineer Date 9-15-76

(This space for State Use)

APPROVED BY James J. [Signature] TITLE SUPERVISOR DISTRICT 7 DATE SEP 20 1976

CONDITIONS OF APPROVAL, IF ANY:



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.