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NEW MEXICO OIL CONSERVATION COMMISSION  
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JUL 15 1980

O. C. D.

30-015-23416

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.	
L-122	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
c. Name of Operator Yates Petroleum Corporation ✓		Penasco "IW" Shallow	
3. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210		9. Well No. 6	
4. Location of Well UNIT LETTER K LOCATED 1650 FEET FROM THE South LINE AND 2310 FEET FROM THE West LINE OF SEC. 31 TWP. 18S RGE. 25E NMPM		10. Field and Pool or Willing X Penasco Draw (54.450 acres)	
11. Elevation (Show whether D.F., K.F., etc.) 3621.8		12. County Eddy	
21A. Kind & Status Plug. Bond Blanket		20. Rotary or C.T. Rotary	
21B. Drilling Contractor L & M Drilling Co.		22. Approx. Date Work will start ASAP	

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"	32.75	approx. 360'	350	circulated
9 5/8"	7"	20#	approx. 1000'	650	circulated
6 1/4"	4 1/2"	9.5	approx. 3100'	357	circulated

Propose to drill a Yeso test well. Approximately 360' of surface casing will be set to shut off gravel and caving, and intermediate casing will be set 100' below the Artesian Water Zone. A 4 1/2" production string will be run to TD and all strings circulated. Well will be perforated and stimulated for production.

MUD PROGRAM: F.W. gel and LCM to 1000', fresh water to TD.

BOP PROGRAM: BOP's will be installed on the 7" casing and tested, pipe rams daily blind rams on trips.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 10-16-80

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 Glenn A. Gressett Title Geographer Date 7/15/80

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUL 16 1980

CONDITIONS OF APPROVAL, IF ANY:

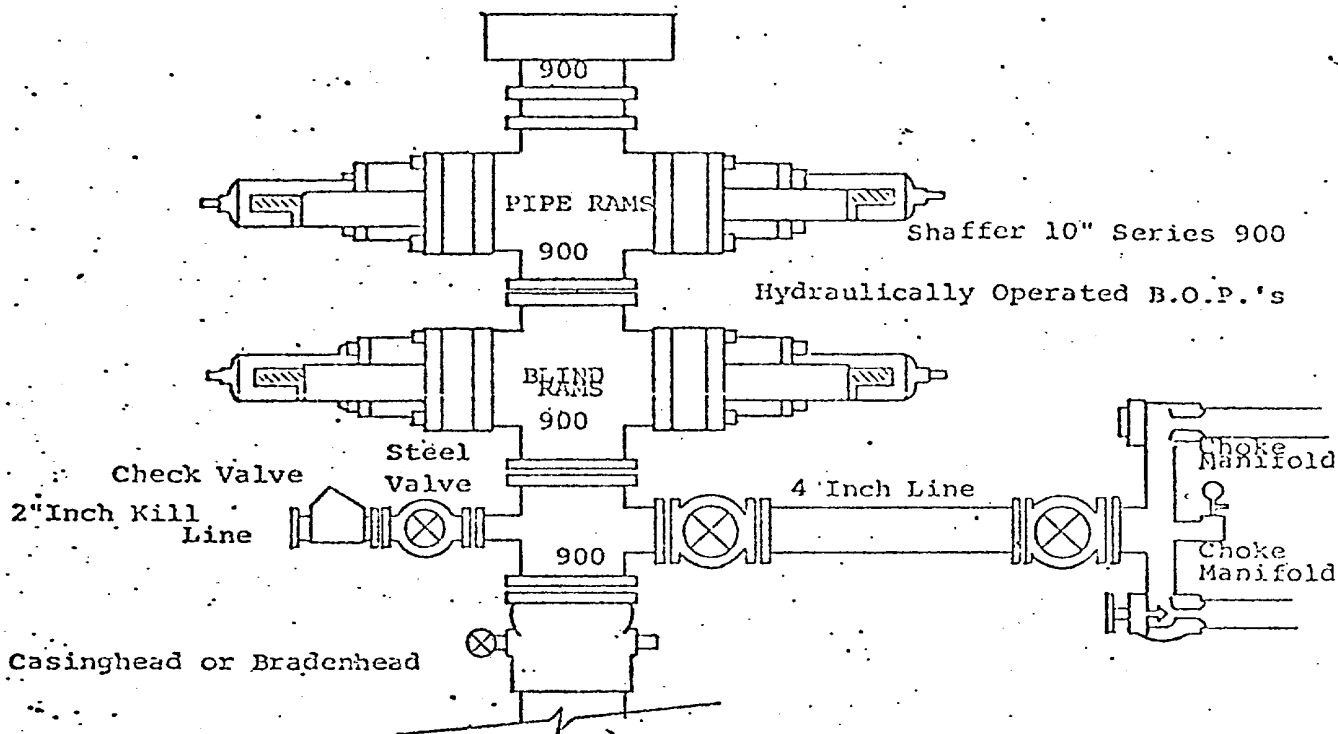
Cement must be circulated to

surface behind all 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.