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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 9 1979

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. L2919

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"/> DRILL <input checked="" 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. Firm or Lease Name SRC State KZ
3. Address of Operator 207 South Fourth Street, Artesia, NM 88210		9. Well No. 5
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>990'</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>19S</u> RGE. <u>24E</u> NMPM		10. Field and Pool, or Wildcat <u>Ud</u> <u>Penasco Draw SA-Yeso As</u>
		12. County Eddy
		19. Proposed Depth 3100'
		19A. Formation Yeso
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3663	21A. Kind & Status Plug, Bond Blanket	21B. Drilling Contractor Artesia Fishing Tool 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"	32.75# J-55	Approx. 310'	250	circulate
9 1/2"	7"	20# J-55	Approx. 970'	500	circulate
6 1/4"	4 1/2"	9.5# J-55	Approx. 3100'	250	circulate

We propose to drill and test the Yeso and San Andres formations. Approx. 310' of surface casing will be set to shut off gravel and caving. Intermediate casing will be set at least 100' below the Artesian Water Zone. 4 1/2" production casing will be run, perforated and possibly sand frac'd for production.

Mud Program: Fresh water Gel to 970' fresh water to TD.

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

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 1-9-80

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 Aliseno Rodriguez Title Geographer Date October 10, 1979

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE OCT 9 1979

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

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.

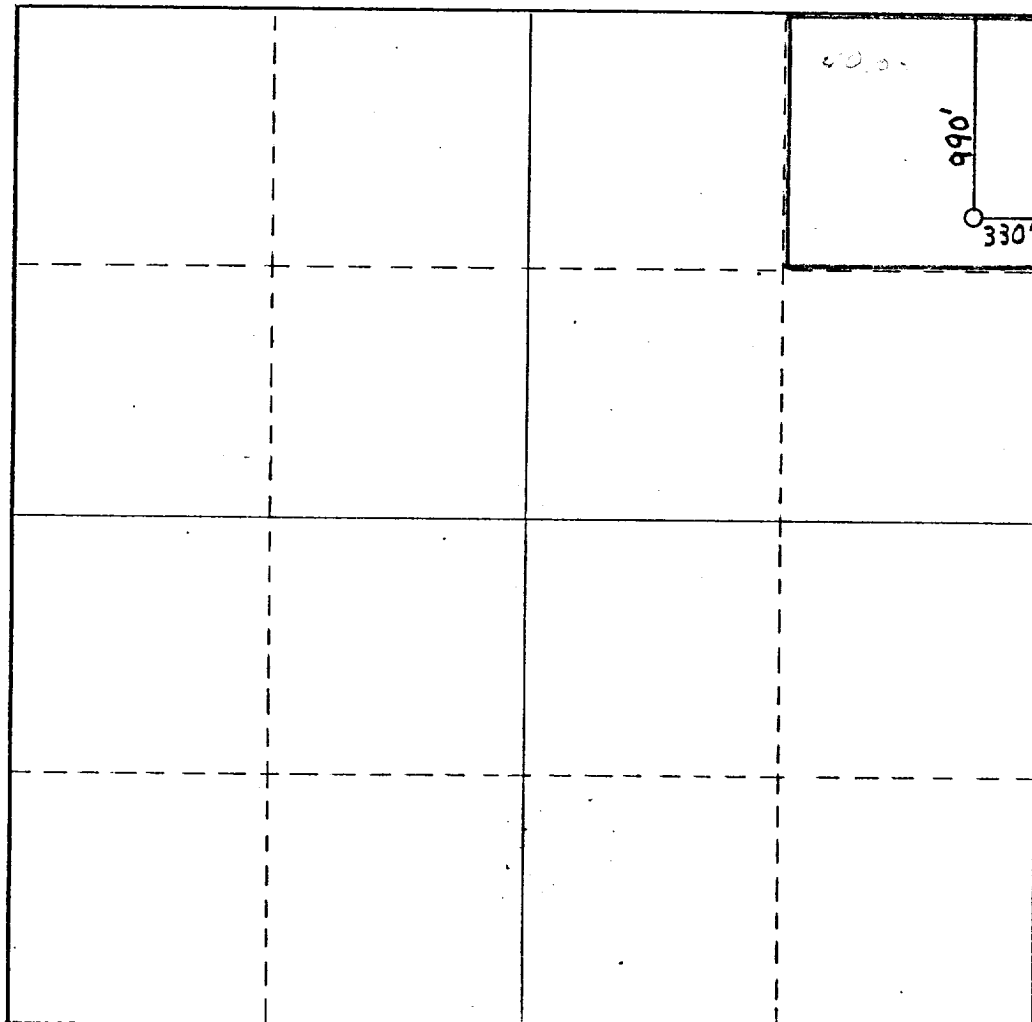
Operator Yates Petroleum Corporation			Lease SRC State KZ		Well No. 5
Unit Letter A	Section 1	Township 19 South	Range 24 East	County Eddy	
Actual Footage Location of Well: 990 feet from the North line and 330 feet from the East line					
Ground Level Elev. 3663'	Producing Formation Yeso		Pool Unit Penasco Draw SA-Yeso Assoc.		Dedicated Acreage: 40. Acres

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

Gliserio Rodriguez
Name

Gliserio Rodriguez

Position

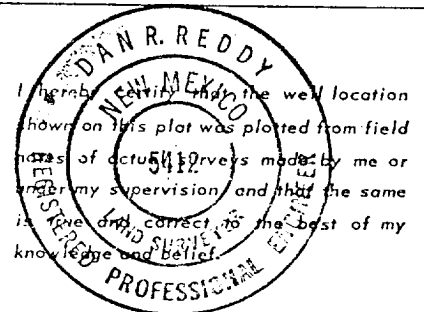
Geographer

Company

Yates Petroleum Corporation

Date

10-8-79



Date Surveyed

October 6, 1979

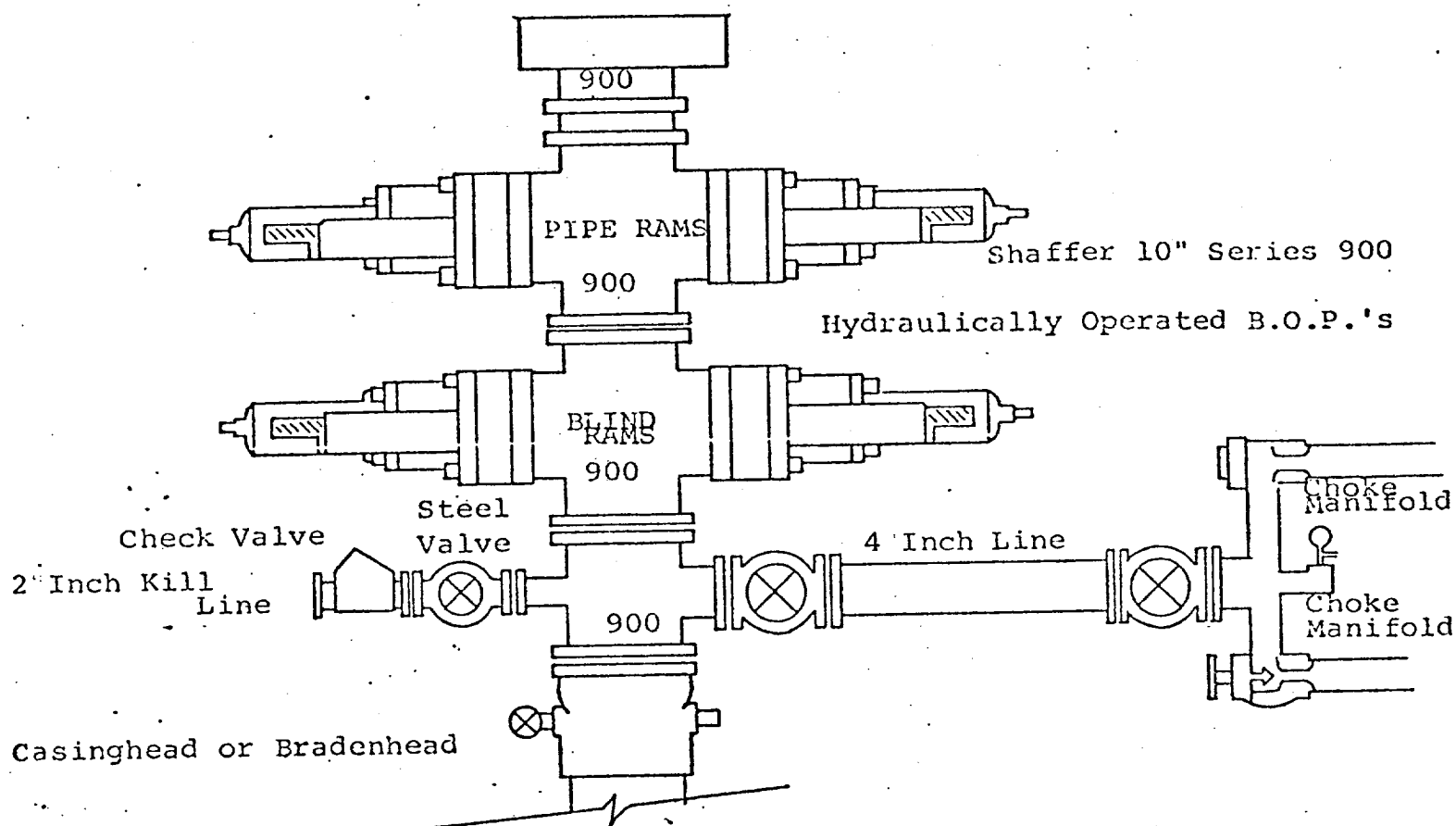
Registered Professional Engineer
and/or Land Surveyor

Dan R. Reddy

Certificate No.

NM PE&LS #5412

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



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.