

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

SEP 6 1977

O. C. C.
ARTESIA, OFFICE

30-015-22286
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
----------------------------	--------------------------------	---

5. State Oil & Gas Lease No.

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"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Gerard "AW"	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 4	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Penasco Draw (Yeso S. A)	
4. Location of Well UNIT LETTER 0 LOCATED 500 FEET FROM THE South LINE AND 2310 FEET FROM THE East LINE OF SEC. 25 TWP. 18S R. 25E N. 40M		12. County Eddy	
21. Elevations (Show whether DT, RT, etc.) 3464' GR		21A. Kind & Status Plug, Bond Blanket	21B. Drilling Contractor Verna Drilling Co.
21C. Proposed Depth Approx 1550		19A. Formation San Andres	20. Rotary or C.T. Rotary
22. Approx. Date Work will start As soon as possible			

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"	40#	Approx 360'	200 sx Circulate	
9 1/2"	7"	20#	" 1200'	500 sx Circulate	
6 1/4"	4 1/2 & 5 1/2"	9.5 & 14#	" 1550'	150 sx Circulate	

Propose to drill and test the San Andres formation. Approximately 360' of surface casing will be set to shut off gravel and caving. Intermediate casing will be set 100' below the Artesian Water zone. A tapered string of production casing will be run and all strings will be circulated with cement.

Mud Program: - FW Gel & LCM to 1200', fresh water to TD.

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

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-6-77

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 Eddie M. Mahood Title Engineer Date 9-6-77

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 6 1977

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.

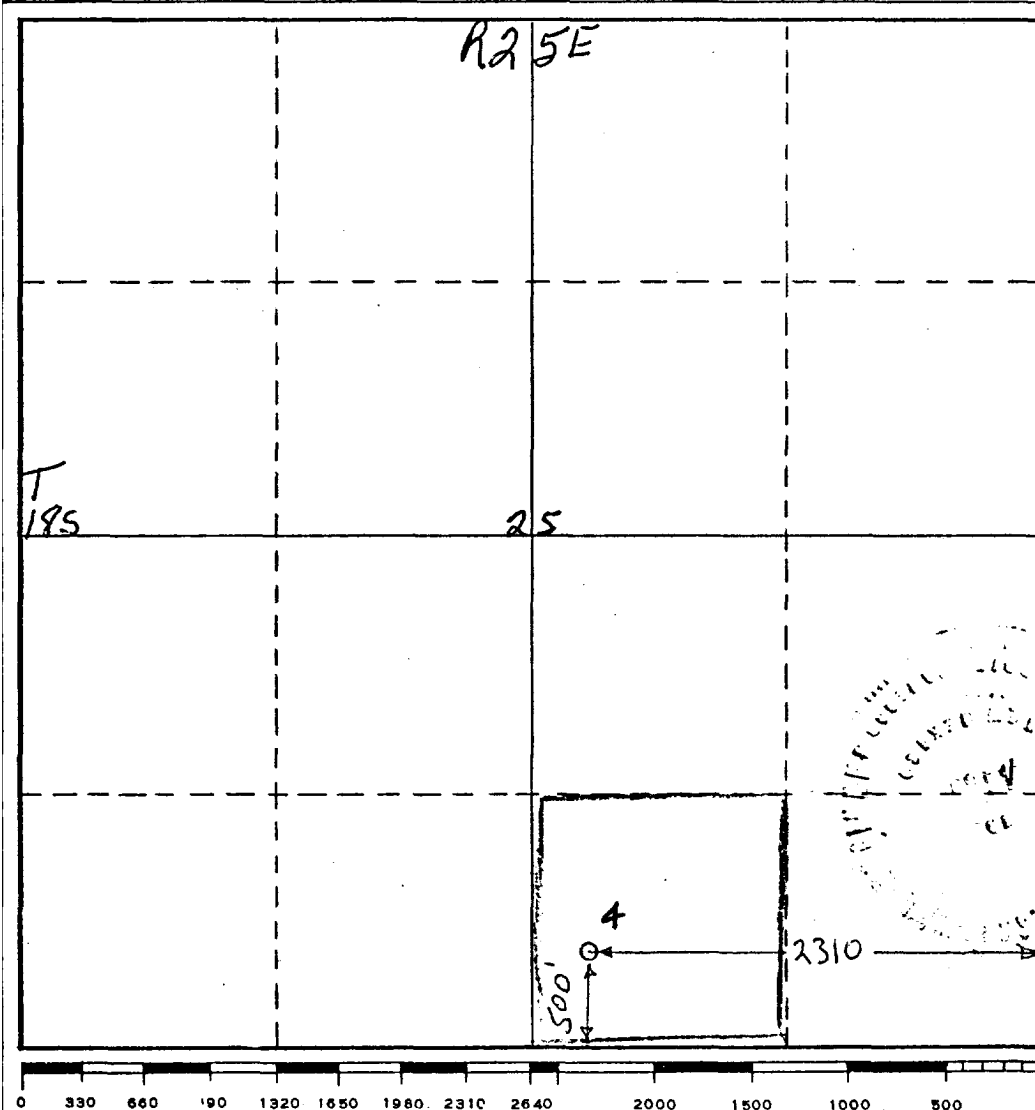
Operator Yates Petroleum Corp		Lease Gerard AW		Well No. 4	
Unit Letter 0	Section 25	Township 18s	Range 25E	County Eddy	
Actual Footage Location of Well: 500 feet from the South line and 2310 feet from the East line					
Ground Level Elev. 3464	Producing Formation San Andres		Pool Penasco Draw (Neso SA)	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.

Eddie M. Walby
Name

Engineer
Position
Yates Petroleum Corp
Company

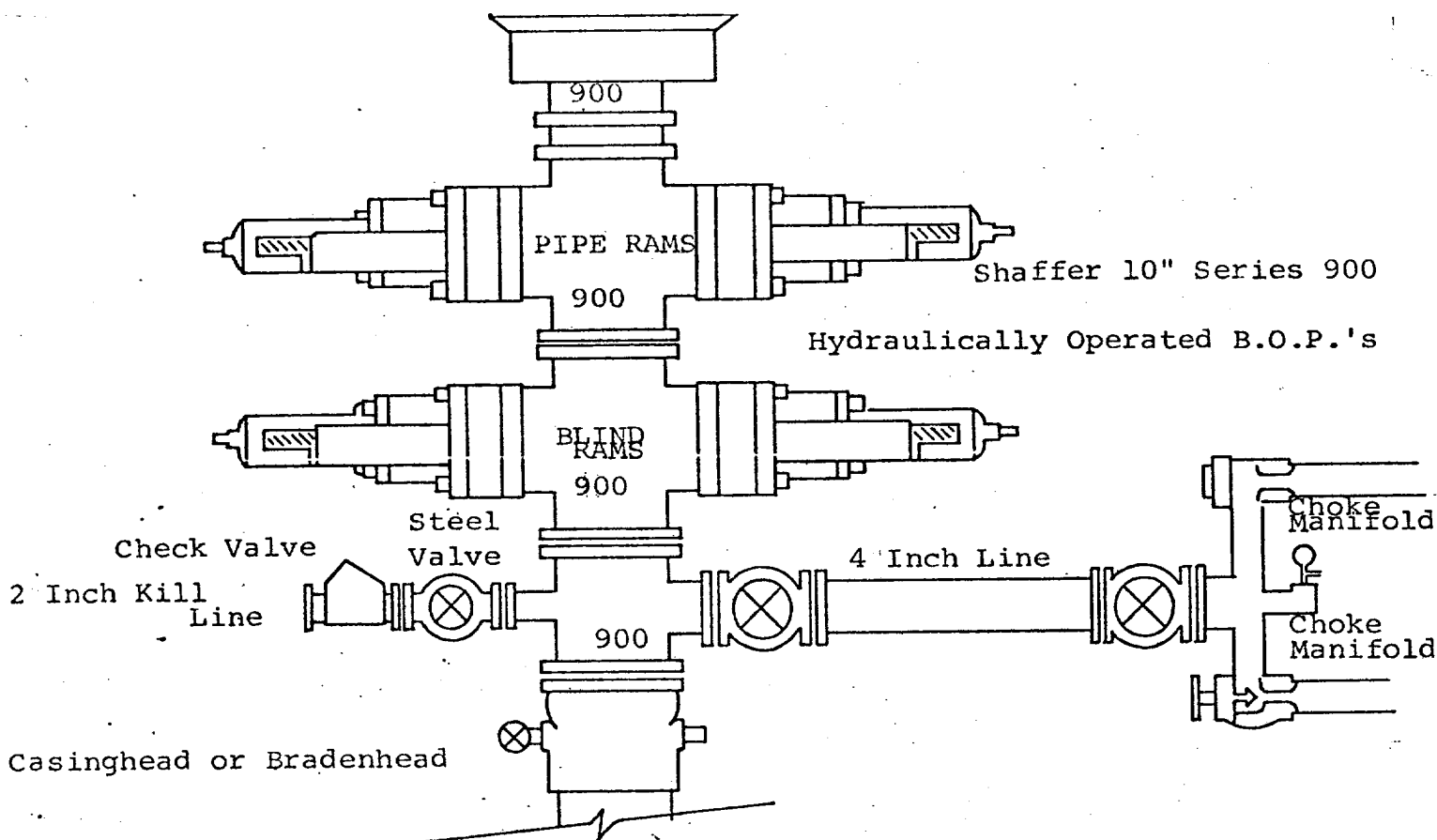
Date **September 2 1977**

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.

Eddie M. Walby
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No. **4605**



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.