

RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

FEB 27 1979

O. C. C.
ARTESIA, OFFICE

30-015-22850

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.	
XG-2346	

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Armstrong "KS" St. Com.	
2. Name of Operator Yates Petroleum Corporation ✓		9. Well No. 1	
3. Address of Operator 207 S. 4th Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat X Und. Kennedy Farms-Morrow	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>560'</u> FEET FROM THE <u>east</u> LINE AND <u>1980</u> FEET FROM THE <u>south</u> LINE OF SEC. <u>16</u> TWP. <u>17s</u> RGE. <u>26e</u> N 44 PM		12. County Eddy	
19. Proposed Depth Approx. 8900'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3355.3	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor	
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
17 1/2"	13 3/8"	48#	approx. 400'	circulate 270	
12 1/4"	8 5/8"	24#	approx. 1400'	circulate 350	
7 7/8"	5 1/2 or 4 1/2"	17-15.5# or 10.5 - 11.6#	approx. 8900'	250 sacks	

Propose to drill to drill approx. 8900' and test the Morrow and intermediate formation. Approx. 400' of surface casing will be run and cemented to shut off gravel and cavings, and intermediate casing will be run to 100 ft. below the Artesian zone and cemented to the surface. If production is encountered 4 1/2 or 5 1/2" production casing will be run and cemented.

MUD PROGRAM: FW gel and LCM from surface to 1400' (dry drill if unable to circulate); fresh water to 5200'; 2% KCL water to 8100' and flosal-driskpak to total depth.

BOP PROGRAM: BOP's and hydril will be installed on intermediate casing, pipe rams and hydril tested daily for operational, blind rams on trips.

GAS NOT DEDICATED.

NSL 1014 2-27-79

EXTENDS 5-28-79

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 Edie W. Mahford Title Engineer Date February 23, 1979

(This space for State Use)

APPROVED BY W.A. Gussert TITLE SUPERVISOR, DISTRICT II DATE FEB 28 1979

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated
surface behind 13 3/8" casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 5/8" 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.

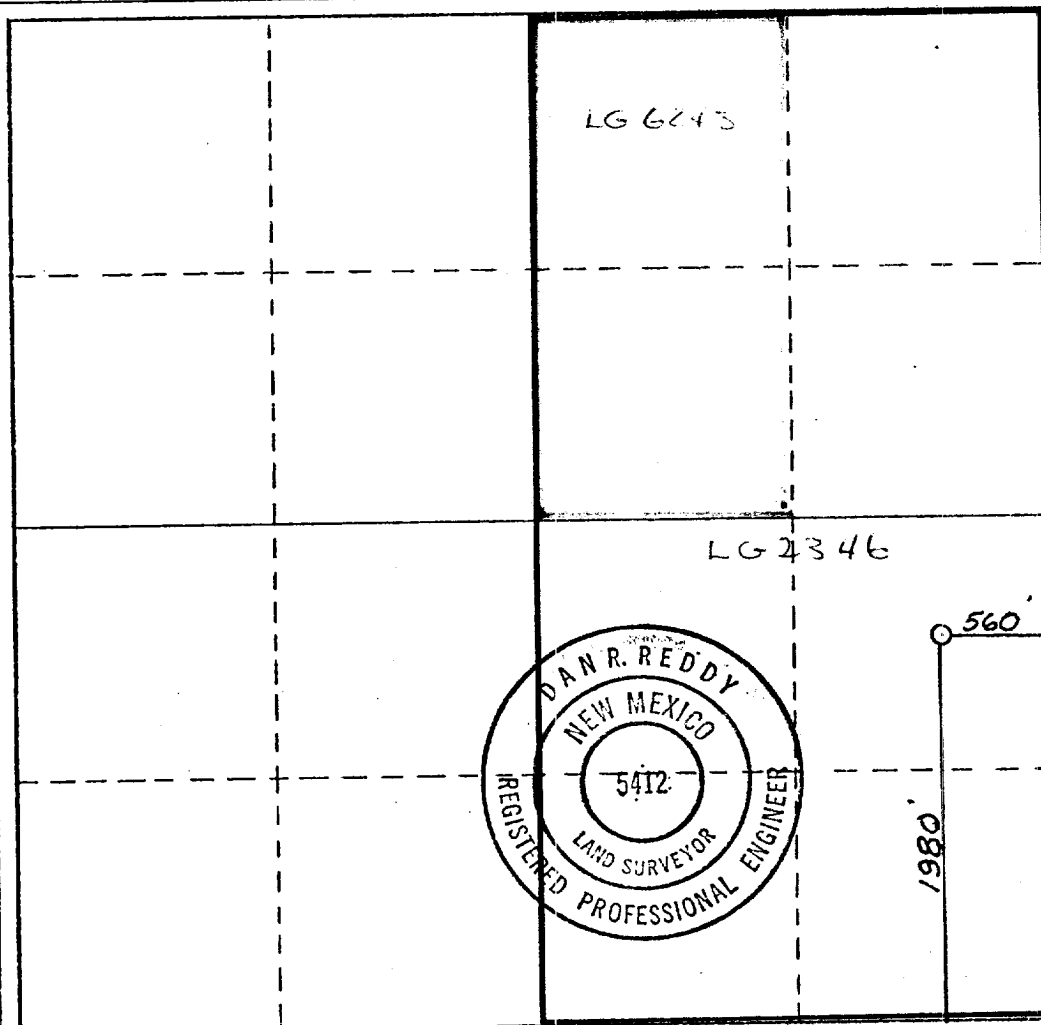
Operator YATES PETROLEUM CORPORATION			Lease Armstrong KS State Com		Well No. 1
Unit Letter I	Section 16	Township 17 South	Range 26 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the South line and 560 feet from the East line					
Ground Level Elev. 3355.3	Producing Formation MORGAN	Pool UND. KENNEDY FARMS - MORGAN		Dedicated Acreage: 320 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 BEING COMMUNITIZED

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.

Edoie M. Mahfood
Name

EDOIE M. MAHFOOD
Position

ENGINEER
Company

YATES PETROLEUM CORP
Date

2-26-79

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.

Date Surveyed

February 22, 1979

Registered Professional Engineer
and/or Land Surveyor

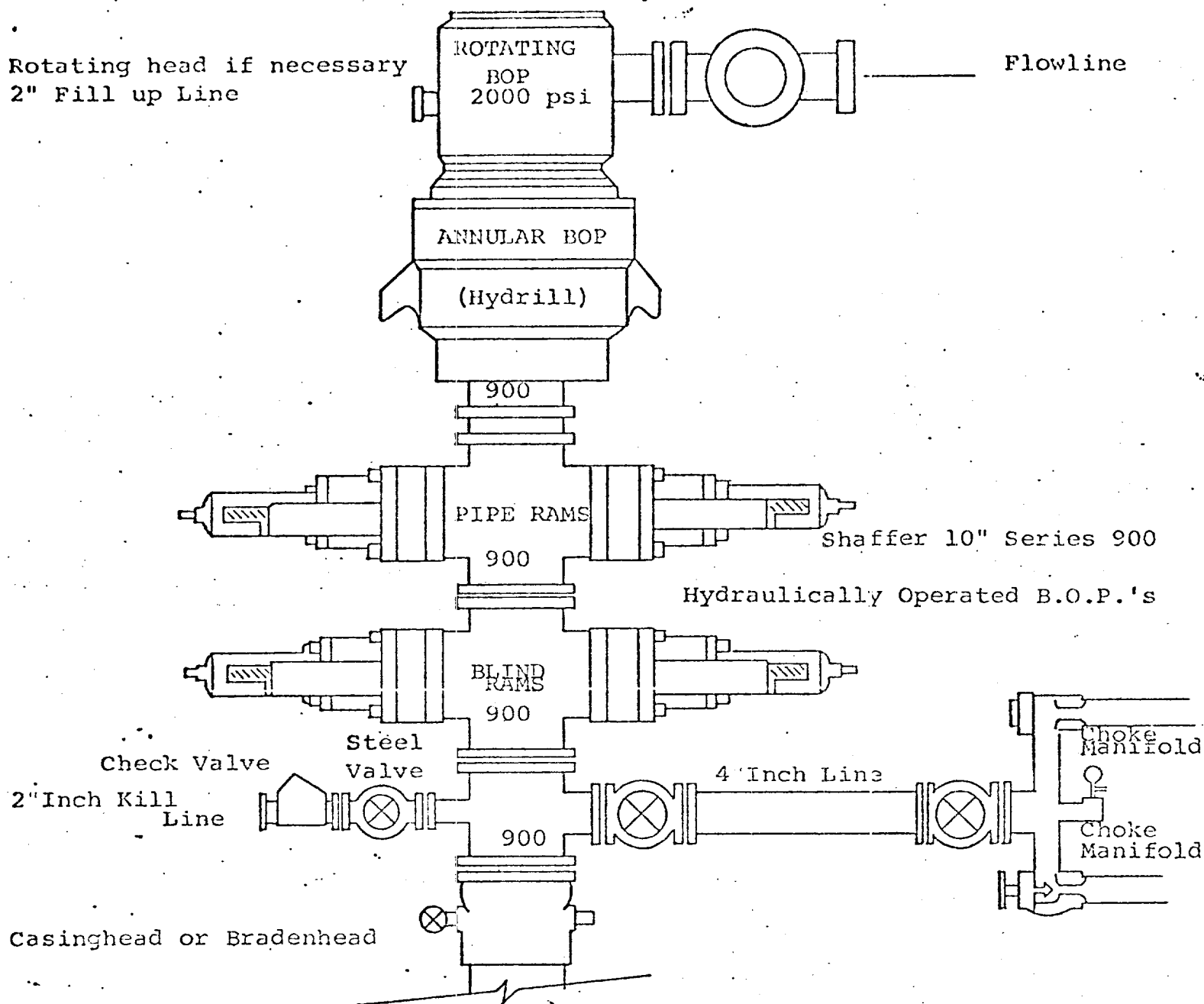
Dan R. Reddy

Certificate No.

New Mexico PE&LS #5412

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Rotating head if necessary
2" Fill up Line



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.