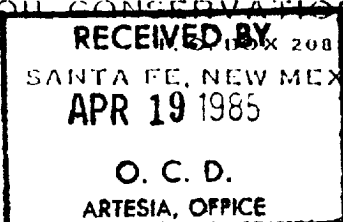


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

30-015-25267
Form C-101
Revised 10-1-78

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SANTA FE	✓
FILE	✓
U.S.G.S.	2
LAND OFFICE	✓
OPERATOR	✓



5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG-3215

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work	DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
Type of Well	GIL WELL <input checked="" type="checkbox"/>	CAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator	Yates Drilling Company		
Address of Operator	207 South Fourth Street - Artesia, NM 88210		
Location of Well	UNIT LETTER M LOCATED 990 FEET FROM THE South LINE		
	330 FEET FROM THE West LINE OF SEC. 20 TWP. 18S RGE. 28E		

7. Unit Agreement Name
8. Farm or Lease Name
Mesa 20-1 State
9. Well No.
4
10. Field and Pool, or Wildcat
Artesia-Queen-Grayburg-San Andres
12. County
Eddy

19. Proposed Depth	2350'	19A. Formation	San Andres	20. Rotary or C.T.	Rotary
21A. Kind & Status Plug. Bond	Blanket	21B. Drilling Contractor	LaRue Rig #1	22. Approx. Date Work will start	ASAP
21C. History or C.T.	3592' GR				

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	Approx. 350'	300 sacks	Circulate
7-7/8"	5-1/2"	14#	TD	150-200 sacks	

We propose to drill to the San Andres and intermediate formations. Approximately 350' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be ran and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: Native mud to 350', fresh water to TD.

BOP PROGRAM: BOP's will be installed at 350' and tested daily.

PROPOSED VALID FOR 180 DAYS
10-19-85
UNITS DRILLING UNDERWAY
Dated 10-19-85
APPROVED
4-26-85

BOVE 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.

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

By Cy Conner Title Regulatory Agent Date April 18, 1985
(This space for State Use)

APPROVED BY Mark Williams TITLE OIL AND GAS INSPECTOR DATE APR 19 1985
CONDITIONS OF APPROVAL, IF ANY:

**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.

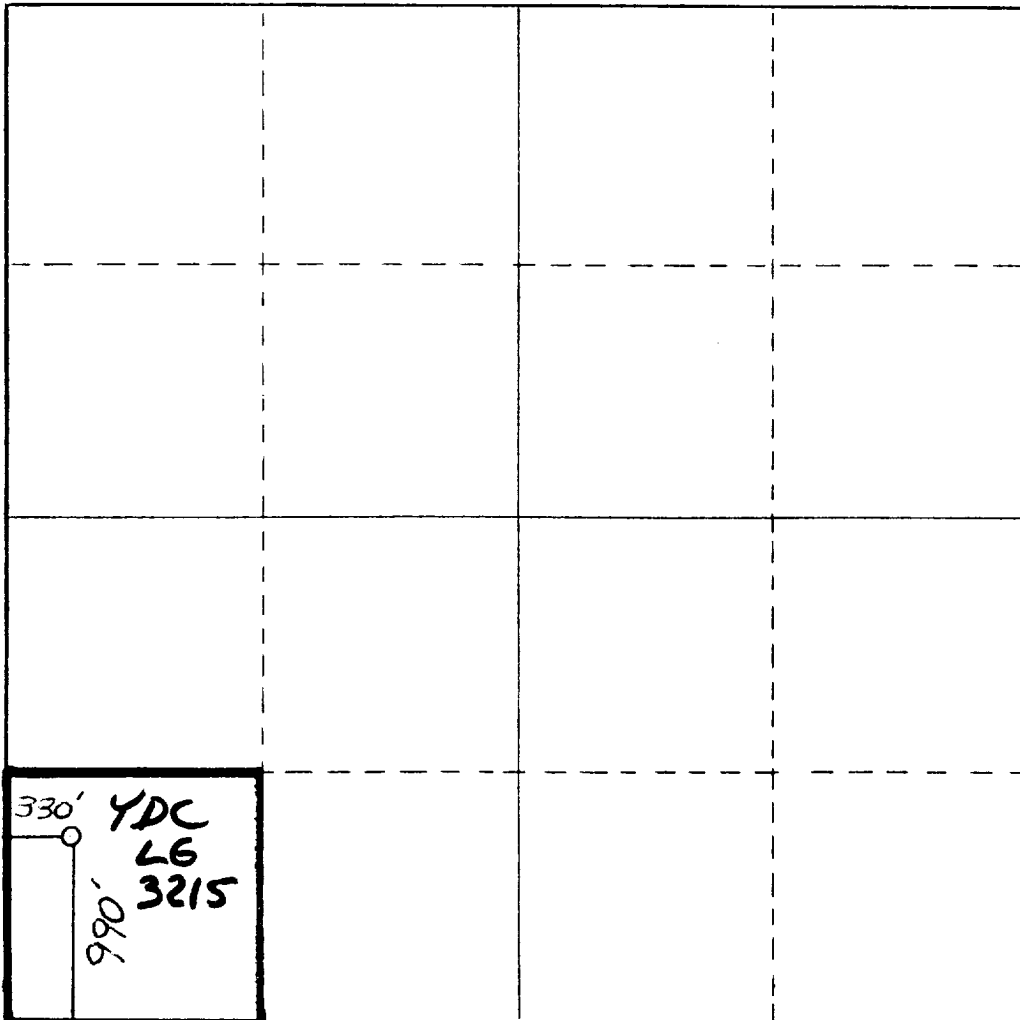
Operator Yates Drilling Company			Lease Mesa 20-1 State		Well No. 4
Unit Letter M	Section 20	Township 18S	Range 28E	County Eddy	
Actual Footage Location of Well: 990 feet from the South line and 330 feet from the West line					
Ground Level Elev. 3592' GR	Producing Formation SAN ANDRES		Pool ARTESIA Queen, Gry, 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.

Cy Cowan
Name

Cy Cowan

Position

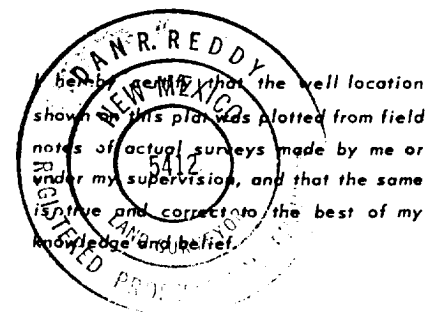
Regulatory Agent

Company

Yates Drilling Company

Date

April 18, 1985



Date Surveyed

April 17, 1985

Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy
Certificate No.

NM PE&LS NO. 5412



EXHIBIT B
BOP DIAGRAM
RATED 3000[#]

