

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE NEW MEXICO 87501
AUG 29 1984
O. C. D.
ARTESIA, OFFICE

Form C-101 30-015-24975
Revised 10-1-78

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

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
LG-3215

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well 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 Mesa 20-1 State	
2. Name of Operator Yates Drilling Company		9. Well No. 3	
3. Address of Operator 207 South 4th Street, Artesia, N.M. 88210		10. Field and Pool, or Wildcat Artesia-Queen-Gry-SA	
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>20</u> TWP. <u>18S</u> RGE. <u>28E</u> NMPM		17. County Eddy	
19. Proposed Depth 2325'		19A. Formation San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3577' GL	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Artesia Fishing Tool	
22. Approx. Date Work will start ASAP			

23. 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. 375'	300 sx.	surface
7 7/8"	5 1/2"	14#	TD	100 sx.	

We propose to drill to the San Andres and intermediate formations. Approximately 375' of surface casing will be set and cement circulated to shut off gravel and caving. 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 375' and tested daily.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2-29-85
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Larry Brooks Title Engineer Date 8/29/84
(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY LARRY BROOKS TITLE ENGINEER DATE AUG 29 1984
CONDITIONS OF APPROVAL, IF ANY GEOLOGIST - NMOC

**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.

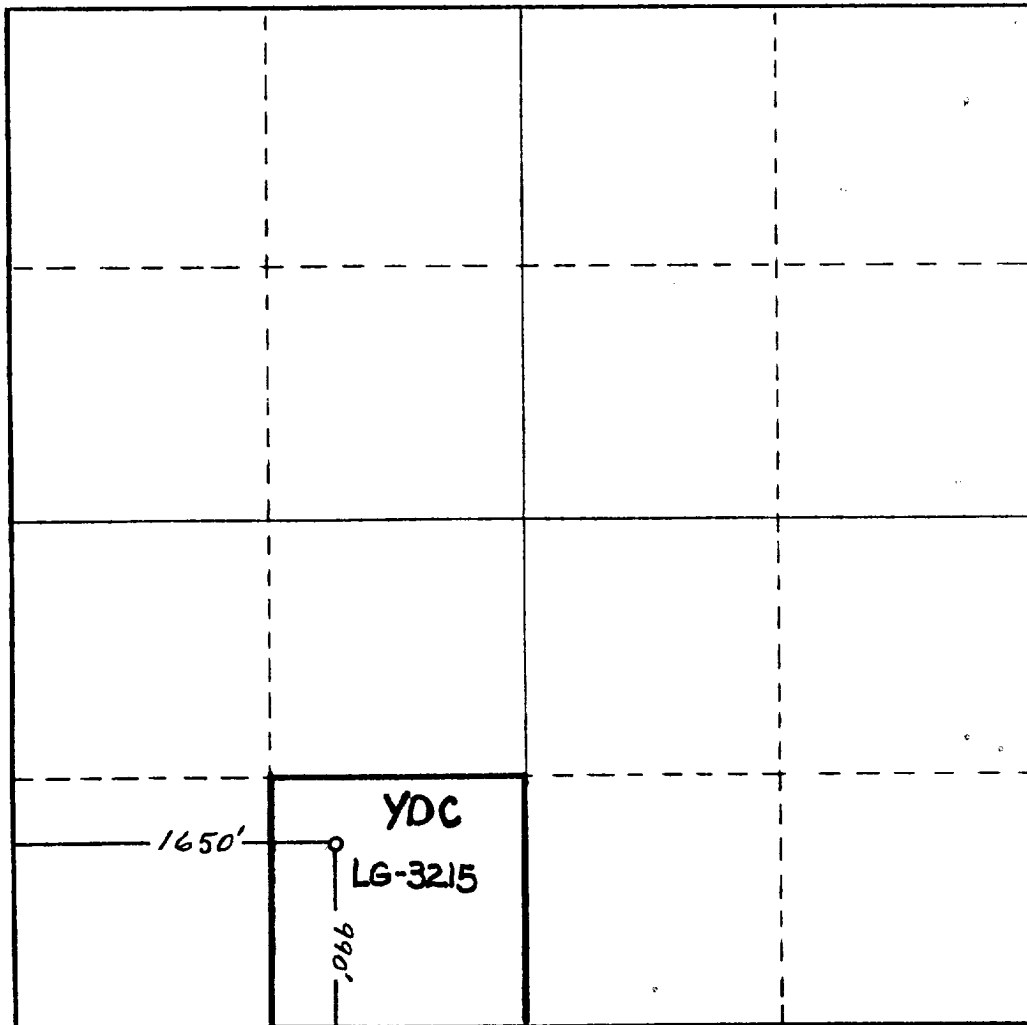
Operator YATES DRILLING COMPANY			Lease Mesa 20-1 State		Well No. 3
Unit Letter N	Section 20	Township 18 South	Range 28 East	County Chaves	
Actual Footage Location of Well: 990 feet from the South line and 1650 feet from the West line					
Ground Level Elev. 3577'	Producing Formation San Andres		Pool Artesia/Queen/Grybg/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.

Name
Toby Rhodes
Position
Engineer
Company
Yates Drilling Company
Date



Date Surveyed
August 28, 1984

Registered Professional Engineer
and/or Land Surveyor

Certificate No.
NM PE&LS #5412

EXHIBIT B
BDP DIAGRAM
RATED 3000[#]

