

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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

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

5. State Oil & Gas Lease No.
V-1671

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. 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 Billy AES State
2. Name of Operator Yates Petroleum Corporation		9. Well No. 2
3. Address of Operator 105 South Fourth Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Vacuum Grayburg San Andres
4. Location of Well UNIT LETTER C LOCATED 530 FEET FROM THE North LINE AND 1750 FEET FROM THE West LINE OF SEC. 12 TWP. 17S RGE. 33E NMPM		12. County Lea
19. Proposed Depth 4800'		19A. Formation San Andres
20. Rotary or C.T. Rotary		21. Elevations (show whether DT, KI, etc.) 4146.5' GR
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Undesignated
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"	9-5/8"	36# J-55	Approx. 1550'	1000 sacks	Circulate
8-3/4"	7"	23# J-55	" TD	400 sacks	Adequate cover

We propose to drill and test the San Andres formation and intermediate zones. Approximately 1550' of surface casing will be set with cement circulated to surface to shut off gravel and cavings. If productive, 7" casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: Native mud to 1550', brine water to TD.

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

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 Clifton R. May Title Regulatory Agent Date August 7, 1987
(This space for State Use)

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE AUG 10 1987
CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 5 Months From Approval
Date Unless Drilling Underway.

**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.

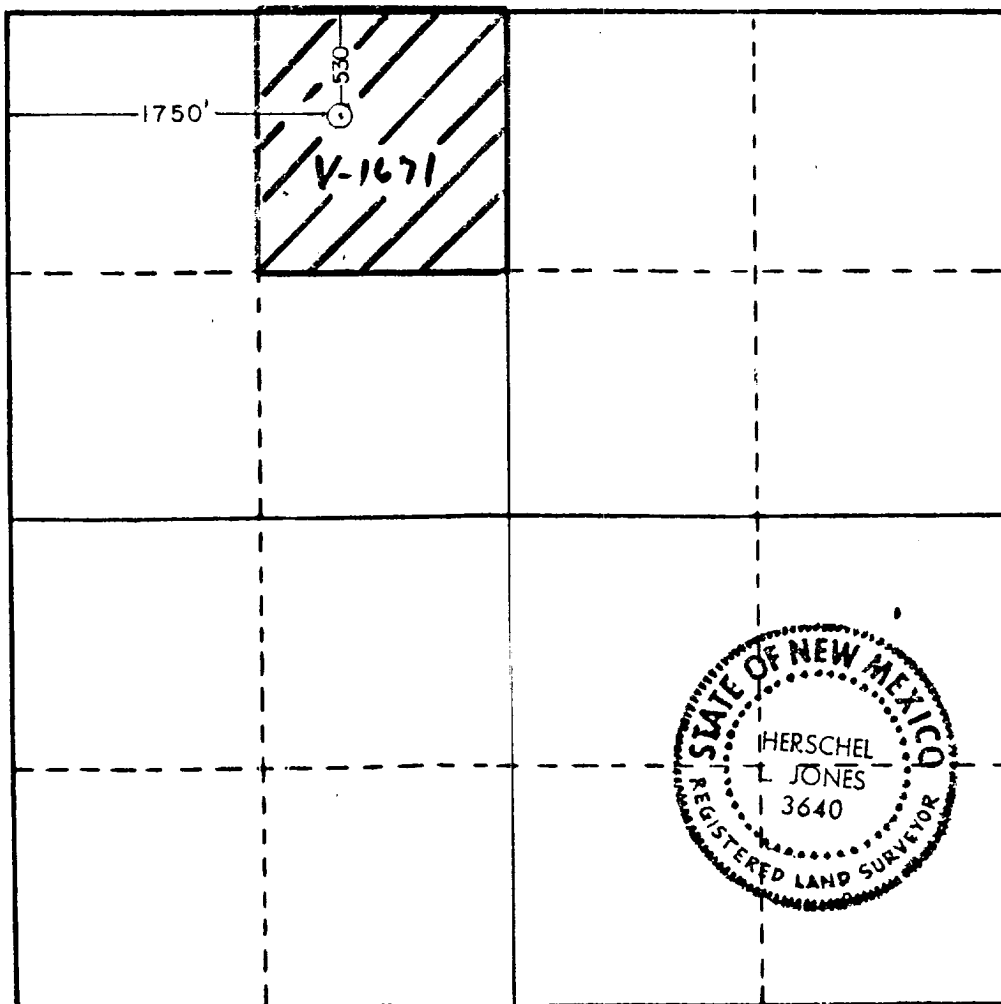
Operator YATES PETROLEUM CORPORATION			Lease BILLY "AES" STATE		Well No. 2
Unit Letter "C"	Section 12	Township 17 South	Range 33 East	County Lea	
Actual Footage Location of Well: 530 feet from the North line and 1750 feet from the West line					
Ground Level Elev. 4146.5	Producing Formation SAN ANDRES		Pool <i>Trinidad</i> SAN ANDRES		Dedicated Acreage 40 Acres

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

Clifton R. May

Name
Clifton R. May

Position
Regulatory Agent

Company
Yates Petroleum Corporation

Date
August 4, 1987

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
August 3, 1987

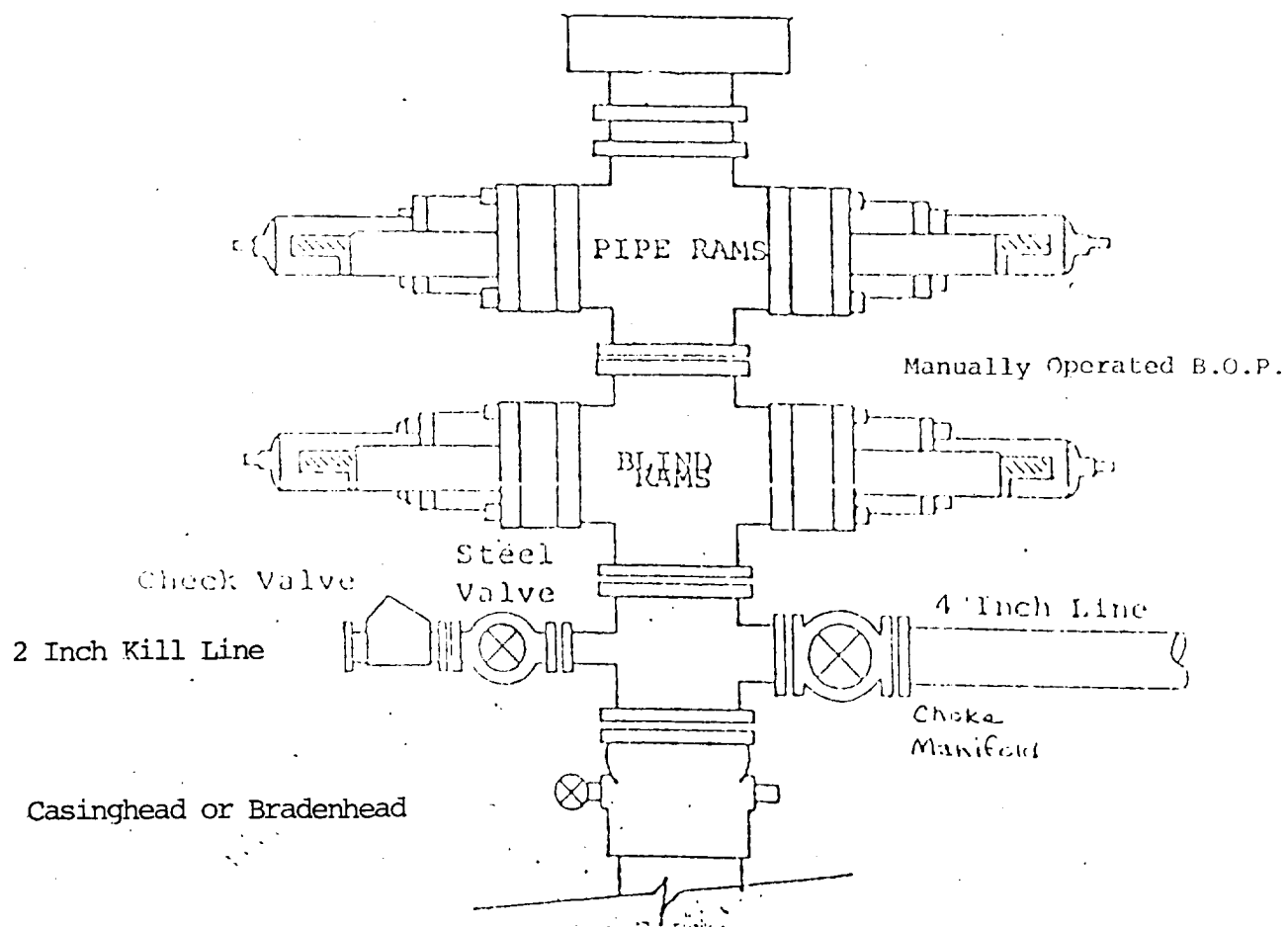
Registered Professional Engineer and/or Land Surveyor

Herschel Jones
Certificate No. **3640**

EXHIBIT B

BDP DIAGRAM

RATED 3000[#]



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