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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG-8961

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work	7. Unit Agreement Name		
b. Type of Well	8. Farm or Lease Name		
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	Sweet Thing AEB State		
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	9. Well No.		
c. Name of Operator	2		
Yates Petroleum Corporation	10. Field and Pool, or Wildcat		
d. Address of Operator	Sarmal - Queen		
105 South Fourth Street - Artesia, NM 88210	11. Location of Well		
UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE	12. County		
990 FEET FROM THE East LINE OF SEC. 1 TWP. 17S RGE. 33E NMPM	Lea		
1. Elevations (Show whether DF, KT, etc.)	19. Proposed Depth	19A. Formation	20. Rotary or C.T.
4140.5' GR	3900'	Queen	Rotary
21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start	
Blanket	Undesignated	ASAP	

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# J-55	Approx. 1550'	1000 sacks	Circulate
7-7/8"	5-1/2"	14# J-55	TD	350 sacks	Adequate cover

We propose to drill and test the Queen 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, 5-1/2" 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.

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 Clifton R. May Title Regulatory Agent Date Sept. 19, 1986

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

PROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE SEP 19 1986

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section.

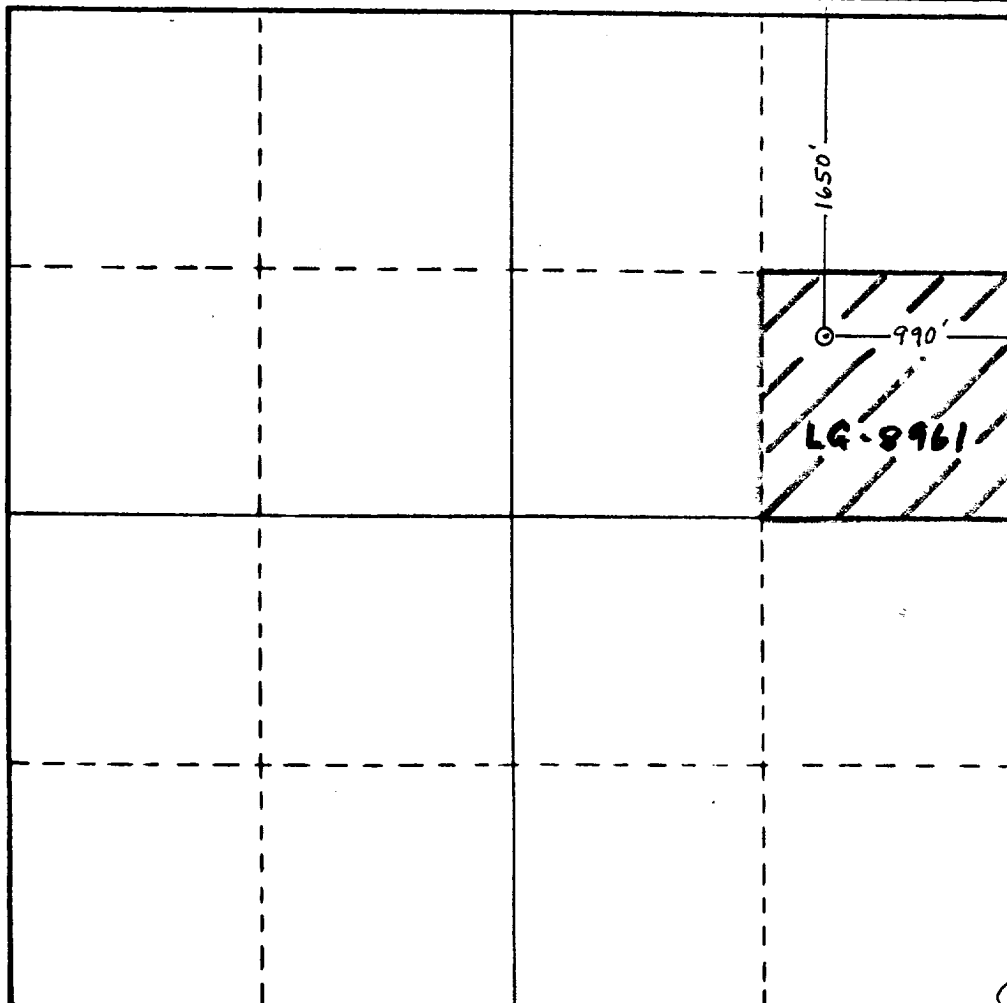
Operator YATES PETROLEUM CORPORATION			Lease SWEET THING AEB STATE		Well No. 2
Unit Letter H	Section 1	Township 17S	Range 33E	County LEA	
Actual Footage Location of Well: 1650 feet from the North line and 990 feet from the East line Ground Level Elev. 4140.5' Producing Formation QUEEN Pool SANMAY - QUEEN 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

Sept. 19, 1986

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.

September 18, 1986

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

3040

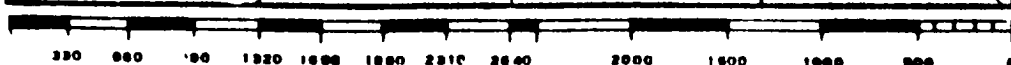
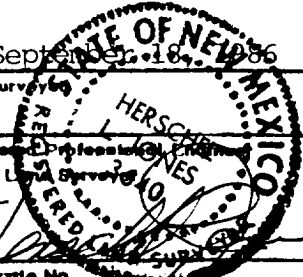
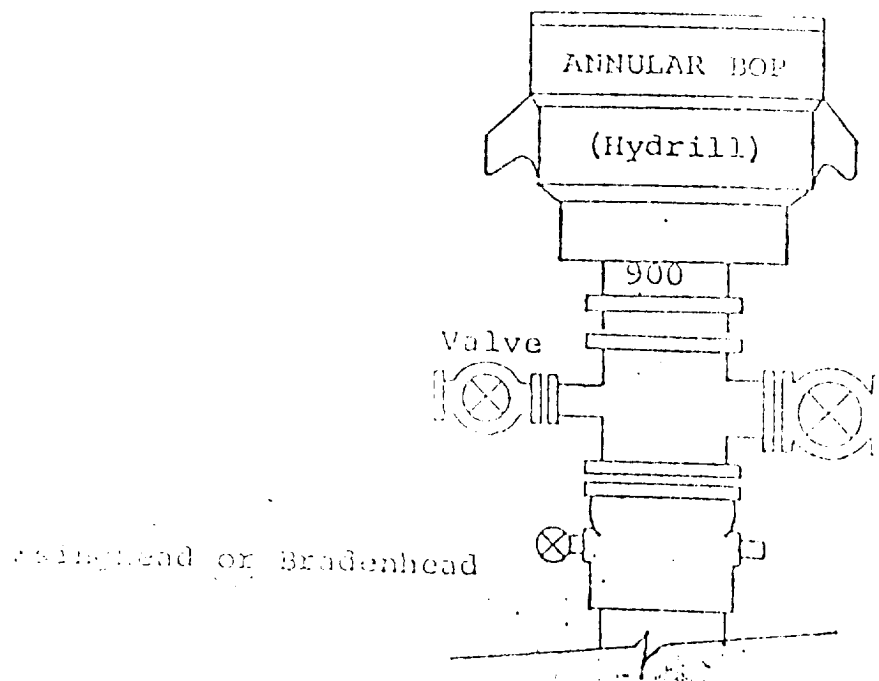


EXHIBIT B
BDP DIAGRAM
RATED 3000[#]



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Rec'd 3-23-87

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