

NM Oil Cons. Commission  
Drawer DD  
Artesia, NM 88210

Form 3160-3  
(November 1983)  
(formerly 9-331C)

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

30-005-62708  
Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-76964	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Yates Petroleum Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 105 South Fourth Street - Artesia, N.M. 88210		8. FARM OR LEASE NAME Dandelion "AFW" Fed. Com	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL and 650' FEL At proposed prod. zone Same		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 17 miles east of Roswell, N.M.		10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10- T 9S, R 26E	
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH Chaves	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE N.M.	
18. PROPOSED DEPTH 5000'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, CR, etc.) 3857.5 GR		22. APPROX. DATE WORK WILL START* ASAP	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# K-55	Approx. 1000'	600 sacks - circulate
7-7/8"	4-1/2"	9.5# K-55	" TD	400 sacks

We propose to drill and test the Abo and intermediate formations. Approximately 1000' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel/LCM to 1000'; brine to 4200', salt gel and starch to TD

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

GAS NOT DEDICATED:

Foot ID-1  
NLR APT  
7-14-89



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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Clifton R. May TITLE Permit Agent DATE 6/5/89  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY S/Phil Kirk TITLE Area Manager DATE JUN 30 1989

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED LAND FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

\*See Instructions On Reverse Side

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

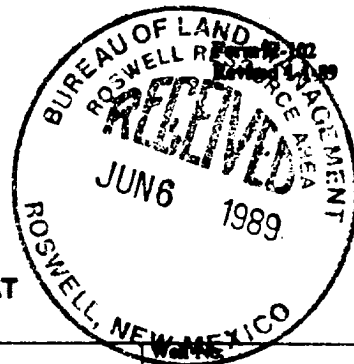
DISTRICT I  
P.O. Box 1900, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Aztec, NM 88210

DISTRICT III  
1000 Rio Buenos Rd., Aztec, NM 87410

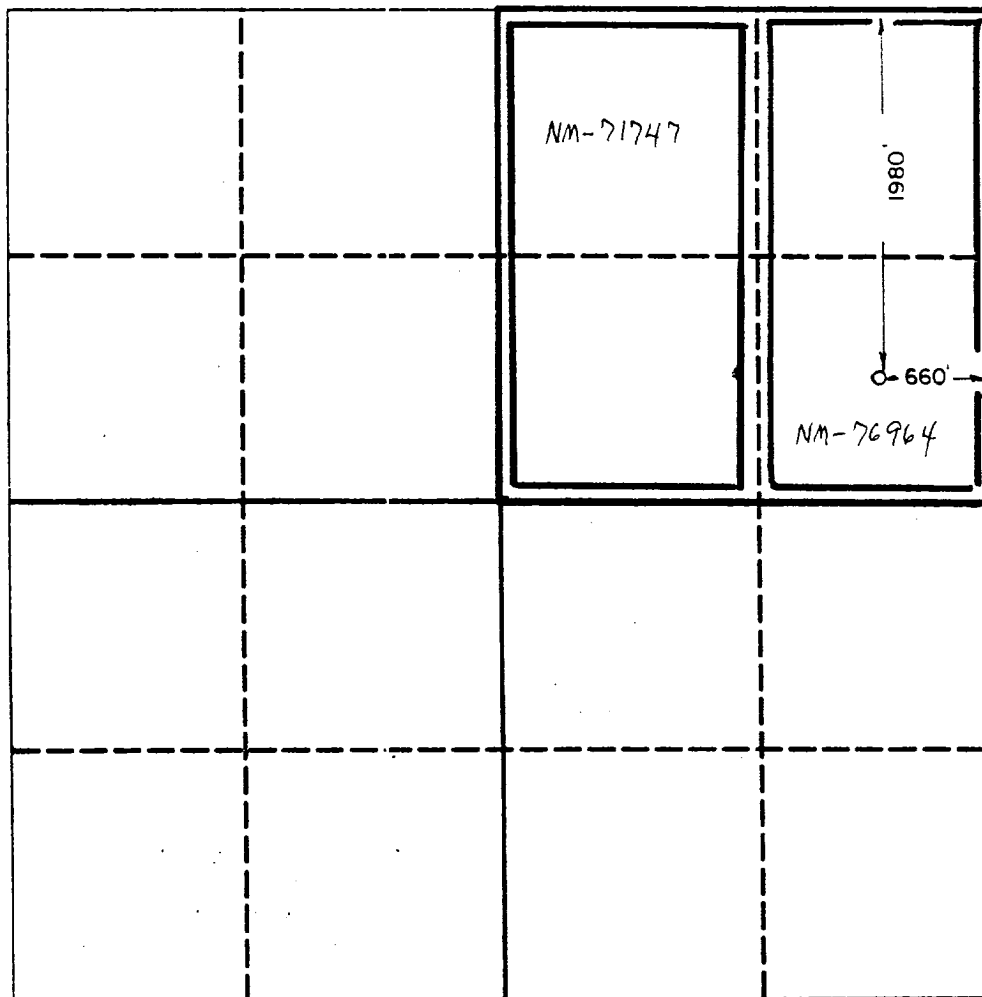
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section



Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>DANDELION "AFW" FEDERAL COM.</b>		<b>1</b>
Unit Letter <b>H</b>	Section <b>10</b>	Township <b>9 South</b>	Range <b>26 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>East</b> line and <b>1980</b> feet from the <b>North</b> line					
Ground level Elev. <b>3857.5</b>	Producing Formation <b>Abo</b>		Pool <b>S. PECOS SLOPE Abo</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☒ Yes ☐ No If answer is "yes" type of consolidation **IS COMMUNITIZATION**  
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 interest, has been approved by the Division.



**OPERATOR CERTIFICATION**

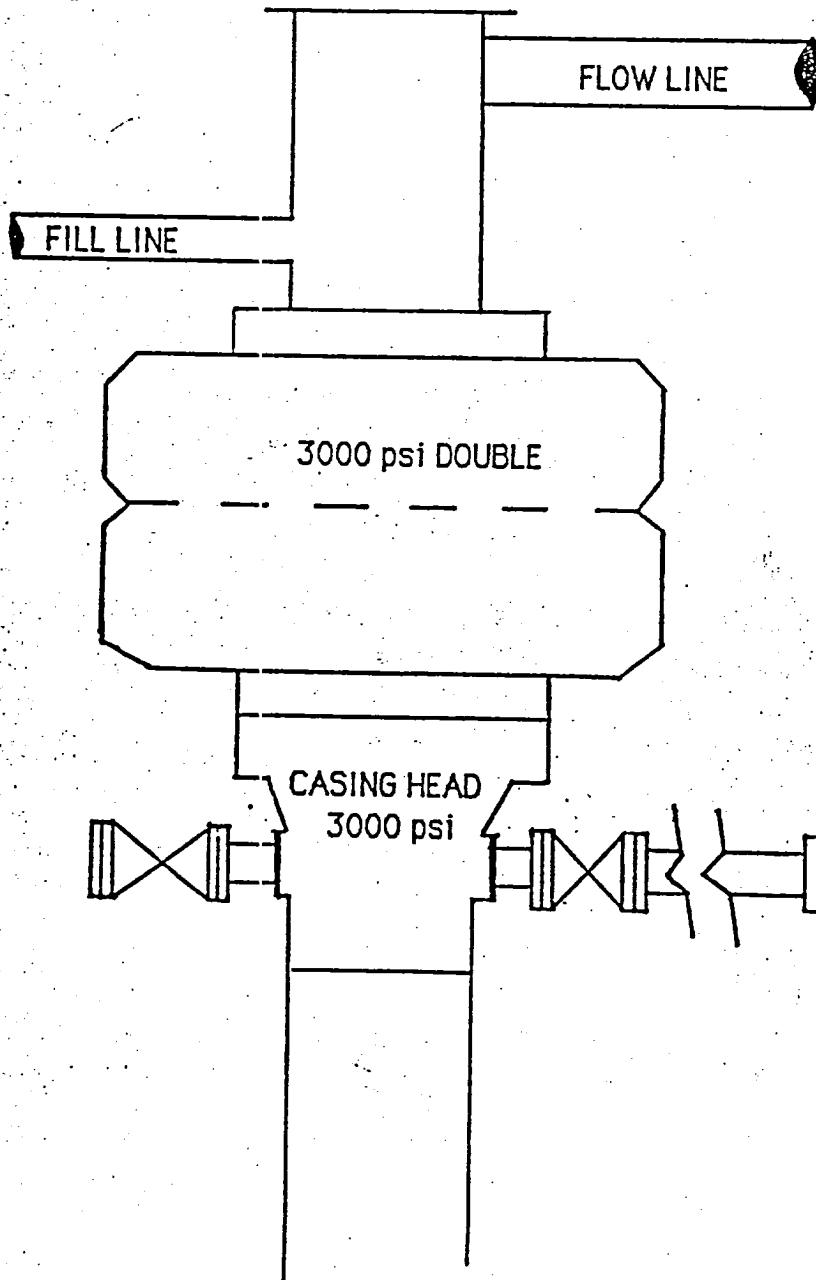
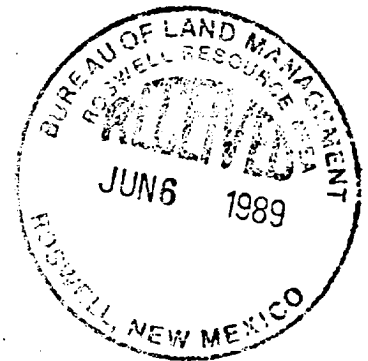
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature  
*Clifton R. May*  
Printed Name  
**CLIFTON R. MAY**  
Position  
**PERMIT AGENT**  
Company  
**YATES PETROLEUM CORP.**  
Date  
**6-5-89**

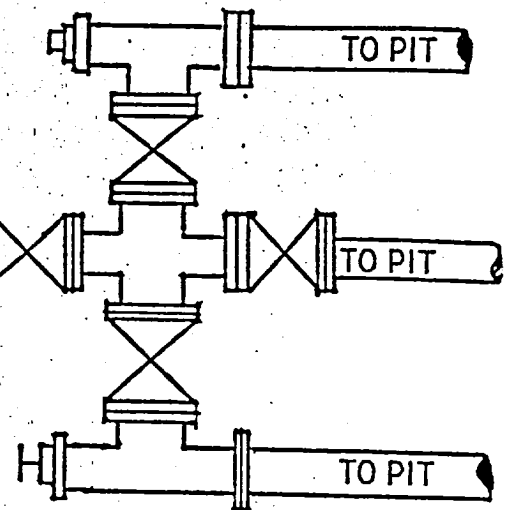
**SURVEYOR CERTIFICATION**

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  
Signature  
Professional Surveyor  
**HERSCHEL JONES**  
**3640**  
Certified  
**3640**



YATES PETROLEUM CORPORATION  
DANDELION AFW FED. COM #1  
1980' FHL AND 660' FEL  
SEC. 10-95-26E  
CHAVES COUNTY, NEW MEXICO  
EXHIBIT B



BLOWOUT PREVENTER

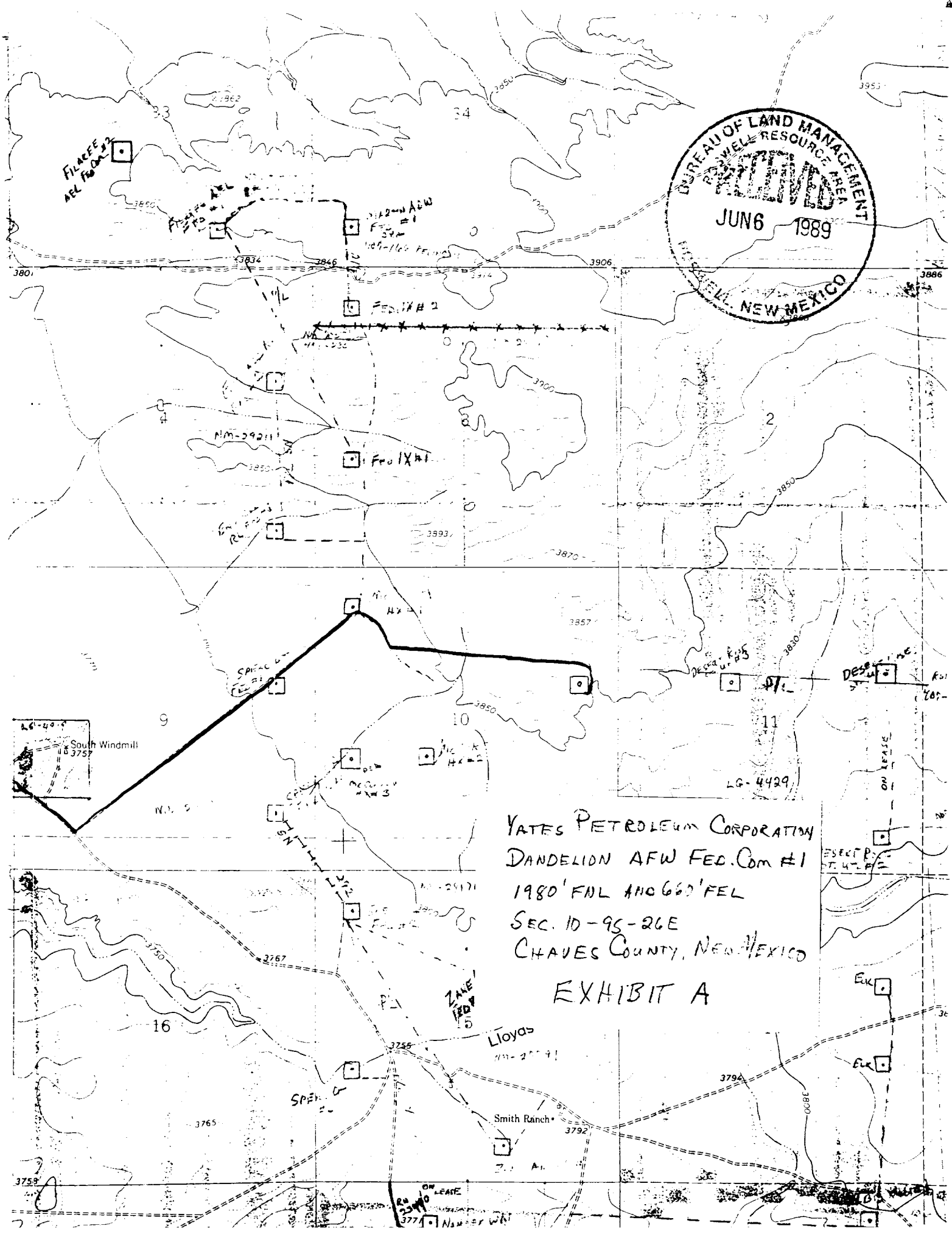
YATES PETROLEUM CORPORATION  
Dandelion AFW Federal Com #4  
1980' FNL & 660' FEL  
Section 10, T 9S, R 26E  
Chaves County, New Mexico



In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with BLM requirements.

1. The geological surface formation is sandy alluvium.
2. The estimated tops of geologic markers are as follows:

San Andres	1118
Glorieta	2264
Yeso	2332
Abo	4532
TD	5000
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:  
  
Water: Approximately 150-300'  
Oil or Gas: Abo 4532'
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C.
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Kelly Cock, pit level indicators and flow sensor equipment; sub with full opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:  
  
Testing: As warranted.  
Logging: CNL/FDC from TD to casing with GR-CNL on to surface; Dll from TD to casing.  
Samples: Surface casing to TD.  
Coring: None anticipated.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.



BUREAU OF LAND MANAGEMENT  
RESOURCES MANAGEMENT  
JUN 6 1989  
FISHER, NEW MEXICO

YATES PETROLEUM CORPORATION  
DANDELION AFW FED.Com #1  
1980' FNL AND 660' FEL  
SEC. 10-95-26E  
CHAVES COUNTY, NEW MEXICO  
EXHIBIT A

South Windmill  
3757

ON LEASE  
RA 3340  
3771

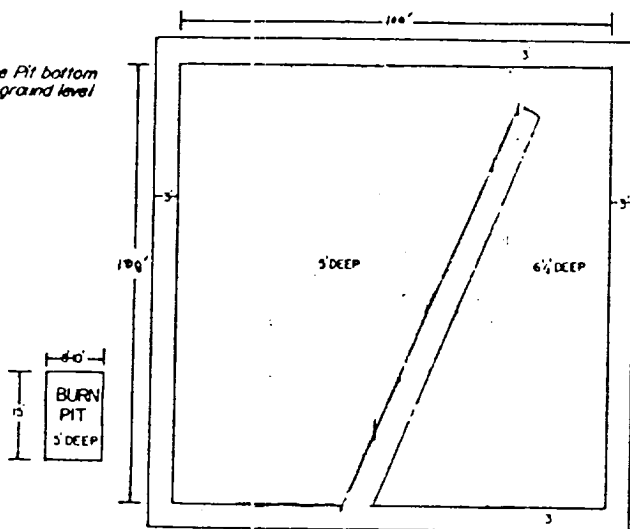


# YATES PETROLEUM CORPORATION

## EXHIBIT C



Reserve Pit bottom  
to be at ground level  
to -1 ft.



NOTE:  
Inside walls must be as  
high and wide as outer  
walls of pit.

