

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN PLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425

30-005-61932

J.S.F.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. LEASE DESIGNATION AND SERIAL NO.	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			NM-9982	
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 207 S. 4th, Artesia, New Mexico 88210			8. FARM OR LEASE NAME Teckla "MD" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980 FSL 760 FWL At proposed prod. zone same			9. WELL NO. 4-Y	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 31 miles NNE of Roswell, NM.			10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 760			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13-T6S-R25E	
16. NO. OF ACRES IN LEASE 960			12. COUNTY OR PARISH 13. STATE Chaves NM	
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4350'			14. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3804' GL			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
14 3/4"	10 3/4"	40.5# J-55	900'	800 sx circulated
7 7/8"	4 1/2"	9.5# J-55	TD	350 sx

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 7" intermediate casing will be run to 1650' and cemented with enough cement calculated to tie back into the surface casing. 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 900', Brine to 3200', Brine & KCL water to TD.

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

GAS NOT DEDICATED.

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 [Signature] TITLE Regulatory Agent DATE 2/7/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

FEB 9 1983

JAMES A. GILLHAM
DISTRICT SUPERVISORRECEIVED
FEB 8 1983OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICOPost IO-1
2-18-83
New Dec. 4 API

**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.

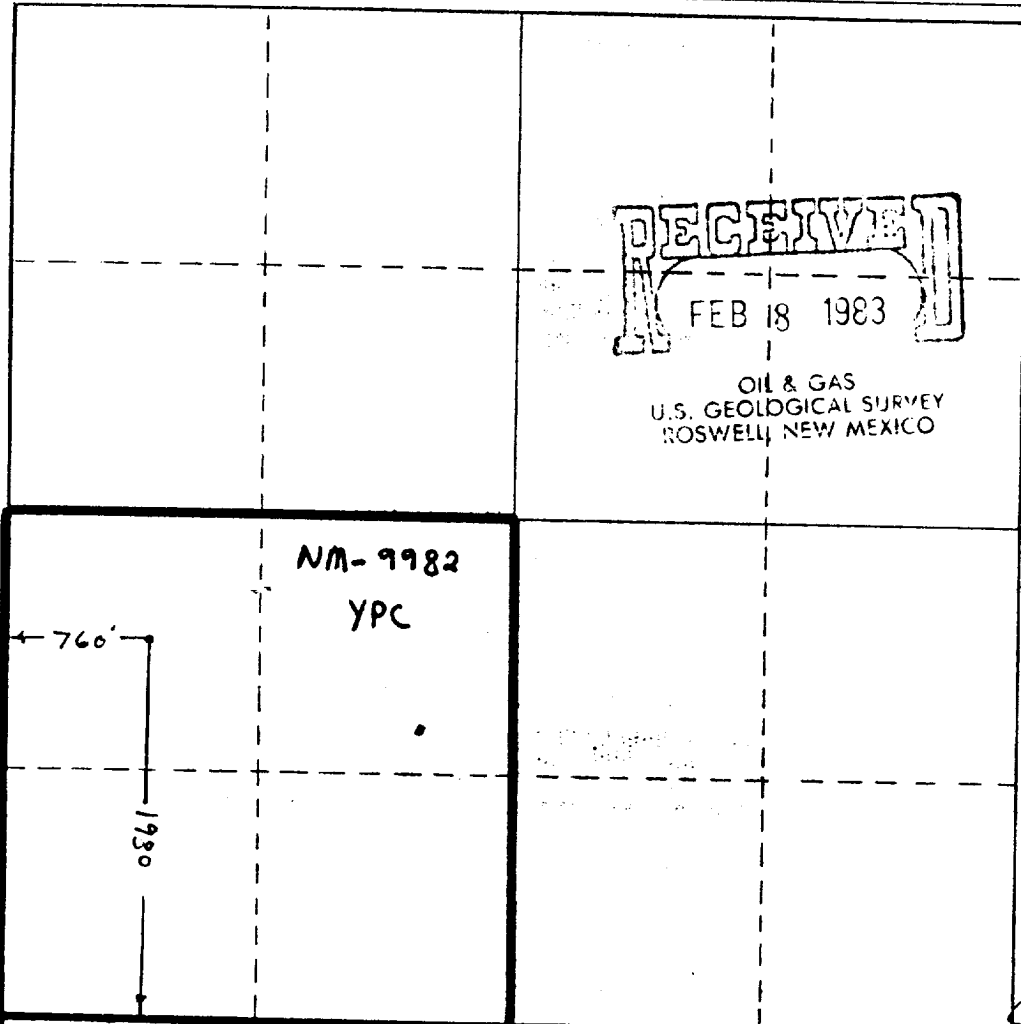
Operator YATES PETROLEUM CORPORATION			Lease Teckla "MD" Federal		Well No. 4-Y
Unit Letter L	Section 13	Township 6 South	Range 25 East	County Chaves	
Actual Footage Location of Well:					
1980 feet from the South line and		760 feet from the West line			
Ground Level Elev. 3804.1' GL	Producing Formation Abo	Pool Pecos Slope Abo	Dedicated Acreage: 160 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.

Ken Beardemphl
Name

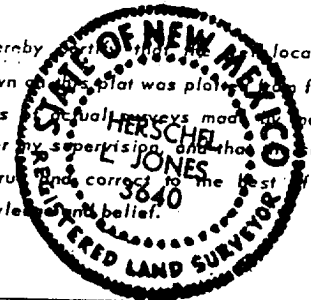
Ken Beardemphl
Position

Regulatory Agent
Company

Yates Petroleum Corp.
Date

2/8/83

I hereby certify that the location shown on this plat was plotted on field notes actually surveyed 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

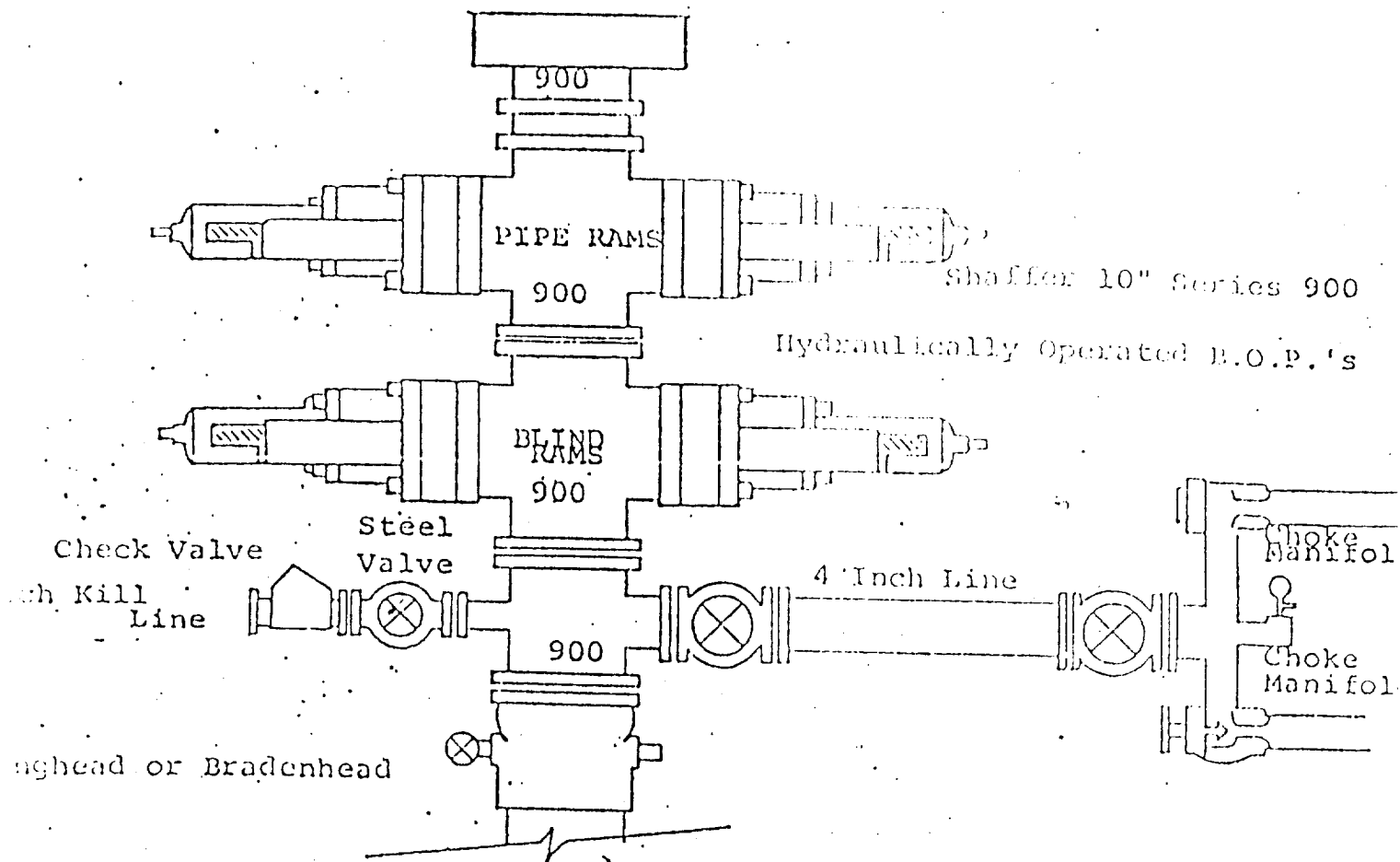
February 7, 1983

Registered Professional Engineer
and/or Land Surveyor

Handwritten signature
Certificate No.

3640

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 500 0



FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

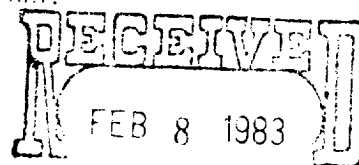
- All preventers to be hydraulically operated with secondary manual control installed prior to drilling out from under casing.
- Choke outlet to be a minimum of 4" diameter.
- Kill line to be of all steel construction of 2" minimum diameter.
- All connections from operating manifolds to preventers to be all steel, hole or tube a minimum of one inch in diameter.
- The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- Inside blowout preventer to be available on rig floor.
- Operating controls located a safe distance from the rig floor.
- Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
- B. P. float must be installed and used below zone of first gas intrusion.

Yates Petroleum Corporation
Teckla "MD" Federal #4-Y
1980' FSL & 660' FWL
Section 13-T6s-RF56
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 USGS requirements:

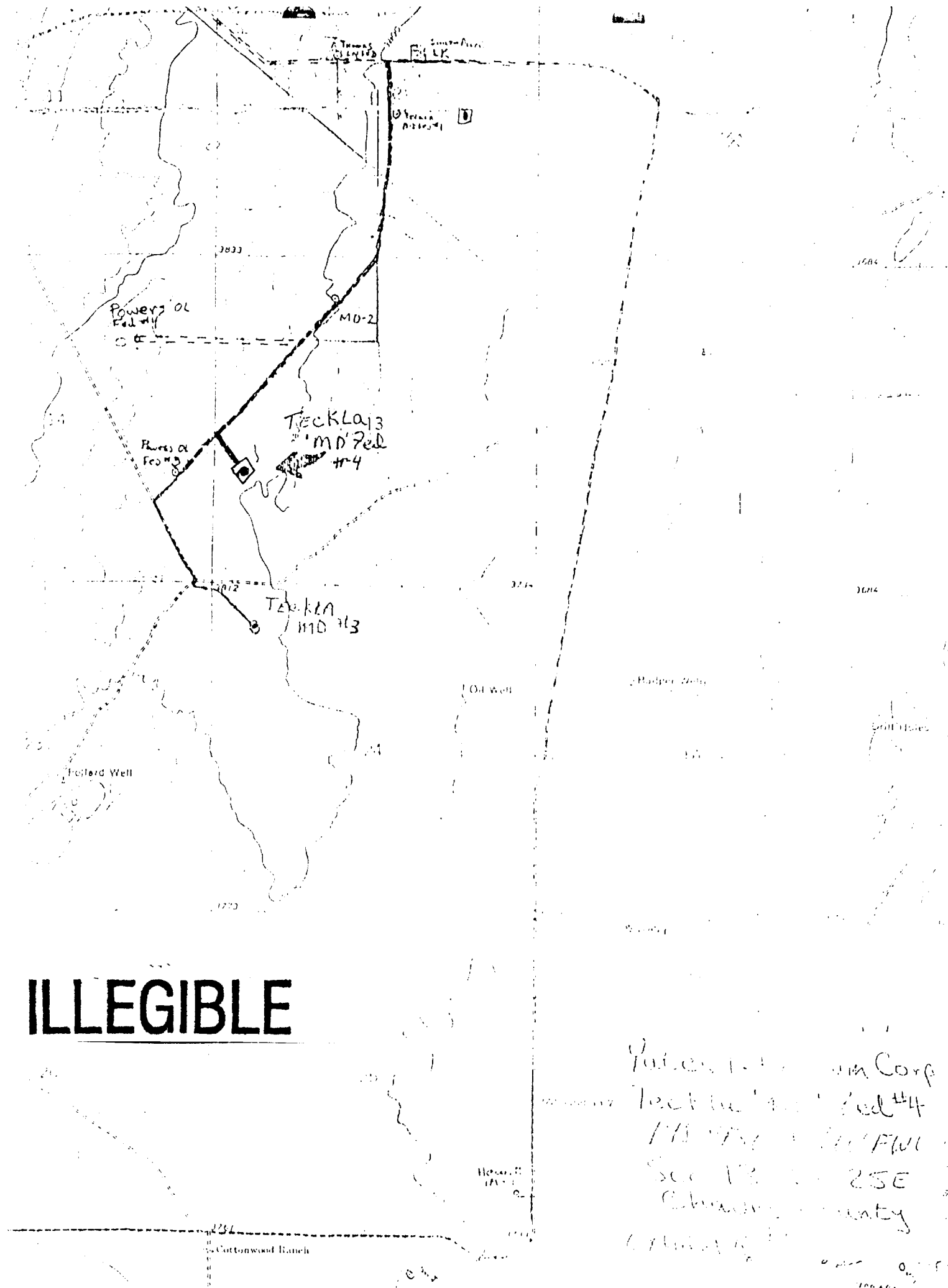
1. The geologic surface formation is sandy alluvium.
2. The estimate tops of geologic markers are as follows:

San Andres	576'
Glorieta	1361'
Fullerton	2921'
Abo	3637'
Wolfcamp	4270'
TD	4350'

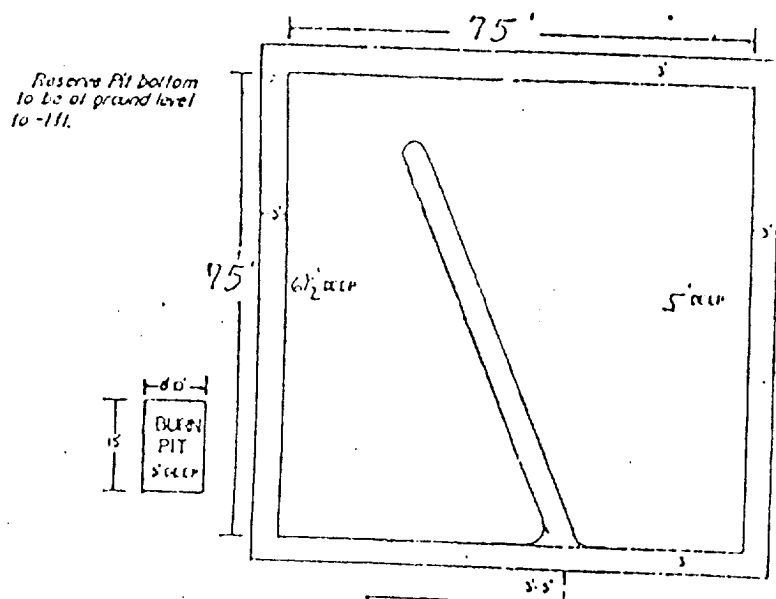


OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

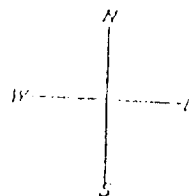
3. The estimated depths at which anticipated water, oil, or gas formations are expected to be encountered:
Water: Approximately 270' - 330'
Oil or Gas: Abo 3660'
Wolfcamp 4250'
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C and Exhibit B.
6. Mud Program: See 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:
Samples: Surface casing to TD.
DST's: As Warranted
Logging: Surface casing to TD
CNL-FIX TD to casing with GR-CNL on to surface and DIL from TD to casing with R_xO.
Coring: None Anticipated
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.



YATES PETROLEUM CORPORATION



NOTE:
This drawing is not to be used
for any other purpose
without permission.



100'	100'
100'	100'
100'	100'

