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NET MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION __AT

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Form C-102 Supersedes C-128 Effective 1-1-65

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THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
- 2. Choke outlet to be a minimum of 4" diameter.
- 3. Kill line to be of all steel construction of 2" minimum diameter.
- 4. 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.
- 6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- 7. Inside blowout preventer to be available on rig floor.
- 8. Operating controls located a safe distance from the rig floor.
- 9. Hole must be kept filled on trips below intermediate casing. Operator
- not responsible for blowouts resulting from not keeping hole full.
- 10. D. P. float must be installed and used below zone of first gas intrusion.

Exhibit

YPC - Federal HJ No. 1, 330/N 330/E, Sec. 31-65-26E, Chares Co. Other information to accompany form 9-331-C: 1. Surface formation: Quaternary Alluvium 2. Geologic Markers anticipated: San Andres 2 510' Glorietta 21683 3. Surface Water: Approx. 60-120 ft Oil & Gas: Approx. 968-1400 ft; pass. 1683-1720 4. Casing Program: approx 200' 7" 20" 755 New; approx 1700 4%" 105" Jos" 5. Pressure Control: See Exhibit ""; pipe rame tested daily 6. Much Program: Frenh water gel up LCM, no 8.6 mentrolled water loss. 7. Anxiliary Equipt: Sub w/ full opening value for drillyipe. 8. No testing a coving. Sampling 30' from Surf to 400', 10' from 400' to TD 9. No abnormal pressures or temperatures anticipated; hydrogen sulfide and other toxic gases are minimal or non-existent; hole will be loaded at all times with mud or water. 10. Anticipated starting date: Soon as approved; sig available 2-21-77. Elur. 2-4-77

ATES PETROLEUM CORPORATION - FL RAL "HJ" NO. 1

330' FNL & 330 FEL, Section 31-6S-26E, Eddy County, New Mexico

Surface Use Plan to accompany "Applications to Drill, Federal Lease".

- 1. EXISTING ROADS: See Plat (Exhibit A) Go 69 miles north from Artesia (or 29 miles north from Roswell) on U.S. 285, then east on Cottonwood Ranch road for 15 miles to access road. This road is bladed only and county maintained, no gates or turnouts required.
- 2. PLANNED ACCESS ROADS: See Plat (Exhibit B) Approximately 200' of new road, 12' wide, will be bladed and watered as needed. There will be no fences to cut; no culverts or turnouts required.
- 3. LOCATION OF EXISTING WELLS: See Plat (Exhibit B) This test well will be a development well in the Linda San Andres field and is less than ½ mile from two producing oil wells (N-29-6S-26E and C-33-6S-26E). There are several windmills in area, the closest being approximately 360' NE of location.
- 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION, GATHERING AND SERVICE LINES: See Plat (Exhibit B & C) The first well for Yates Petroleum Corporation, first tank battery, located on east end of pad with adequate loading and turnaround for transport; above-ground steel flowline; fenced battery with berm; fenced unlined burn pit as provided for under NTL-2B.
- 5. LOCATION AND TYPE OF WATER SUPPLY: Fresh water supply for drilling to be hauled to location from any available commercial source.
- SOURCE OF CONSTRUCTION MATERIAL: See Plat (Exhibit C) If gravel 6. needed, there is a gravel pit 0.3 mile north of location.
- 7. METHODS FOR HANDLING WASTE DISPOSAL: Well cuttings will be disposed of in mud pit. Barrel containers will be located on drill site for trash. Waste will be hauled away periodically or burned. Treating water will be accumulated in one storage tank and hauled away periodically.
- 8. ANCILLARY FACILITIES: None.

WELL SITE LAYOUT: (rig, tanks, pits, racks, etc.) See Sketch (Exhibit C) (a) Mat size - 100'X 50', no caliche needed.

- No cut and fill; location is fairly level. Pit area will be 50' X 30', unlined. (b)
- (c)
- Surface will be bladed & watered as needed. (d)
- Pad and burn pit are flagged. (e)
- A single-phase 120v. highline runs E-W 160' north of location, (f)
 - and 3-phase 220-440v. lines run N-S 330' east of location.
- 10. PLANS FOR RESTORATION OF SURFACE: If productive, mud pit will be fenced and used as burn pit; an evaporative pit 100' X 100' will be built north of the tank battery and fenced. Location will be cleaned and all surplus material removed. Upon abandonment, all pits will be filled and leveled. Location will be cleaned, and surface restored to near original or in compliance with BLM stipulations.
- 11. OTHER INFORMATION: (a) Land surface is flat with very gentle slope to the east, horseshoe ridge to north, west and south at distance ranging 0.3 to 1 mile.
 - Soil is sandy loam underlaid with red beds. (b)
 - Vegetative cover is prairie grass & filaree, scattered mesquite. (c)

(d) Location is approximately 1 mile west of Rio Pecos.

(e) Nearest occupied dwelling is ranch house approximately 1-3/4

miles west of location.

(f) Land use is cattle grazing.

(g) Surface is BLM with grazing lease issued to Thomas S. Cooper of Las Cruces, NM.

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FEB 04 1977

U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

Page 2:

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12. LESSEE'S OR OPERATOR'S REPRESENTATIVE: (a) Eddie Mahfood, Office ph: 746-3558, Home ph: 746-4415.

(b) Leon Bergstrom, Office ph: 746-3558, Home ph: 748-1072.

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contractors and sub contractors in conformity with this plan and the terms and conditions under which it is approved.

Fol, runny 1977 2

Eddie In Malph ! <u> (</u> Name and Title





YPC- Federal HJ No. 1, 330/N 330/E, Sec 31-65-265, ChavesCo







Exhibit "C"