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*See Instructions On Reverse Side

NE EXICO OIL CONSERVATION COMMISSI WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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DAMCO ENERGY CORPORATION

Y LUNG CALLEN

SUITE 360 GIBRALTAR SAVINGS CENTER

Oil & Gas Operations

September 9, 1981

District Oil & Gas Engineer U.S.G.S. Conservation Division P.O. Drawer U Artesia, New Mexico 88210

RE:

DAMCO Energy Corporation Mobil Federal No. 1 1,880' FNL & 1,980' FWL, Section 25, T-26-S, R-28-E Eddy County, New Mexico

Dear Sir:

Attached are five (5) copies of form C-102 New Mexico Oil Conservation Commission well location and Acreage Dedication Plat. This revised Plat supersedes the above referred to location and moves the location 100' north. This location move was requested by the Bureau of Land Management.

The new location is Mobil Federal No. 1, 1,780' FNL & 1,980 FWL, Section 25-26S-28E, Eddy County, New Mexico.

Very truly yours, J.E. Lunday Operations Manager

JEL/aeb Attachments MIDLAND, TEXAS 79701



ON & GAU U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

(915) 682-2984

NEL MEXICO OIL CONSERVATION COMMISSIC WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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DAMCO ENERGY CORPORATION

(915) 682-2984 SUITE 360 GIBRALTAR SAVINGS CENTER

Oil & Gas Operations

MIDLAND, TEXAS 79701

APPLICATION FOR DRILLING DAMCO ENERGY CORPORATION MOBIL FEDERAL NO. 1 EDDY COUNTY, NEW MEXICO

In conjunction with permitting the captioned well for drilling in Section 25, T-26-S, R-28-E, Eddy County, New Mexico, DAMCO Energy Corporation submitts the following information in accordance with U.S.G.S. (NTL-6) letter dated July 1, 1976.

- 1. The surface formation is Rustler Anhydrite and Dolomite
- 2. Estimated tops of geologic markers as follows: Lamar Lime 2,500' Deleware Sand 2,550'
- 3. Casing program (all casing is new):

13-3/8", 48#, H-40, ST&C, Set @ 475'. Cement w/ 550 sacks Class "C", 2% Cacl

8-5/8", 24#, J-55, ST&C, Set @ 2,500'. Cement w/ 1,100 sacks Class "C", 2% Cacl

4-1/2", 10.5 & 11.6#, K-55, Set @ 8,000'. Cement w/ 700 sacks Class "H"

- 4. Circulating Medium: An earthen pit will be used to hold cuttings. The drilling mud program will be native mud with Aquagel added for stabilization.
- 5. Electrical and resistivety logs will be run from total depth to the base of the surface casing. Compensated Density Neutron log will be run over prospective intervals.
- 6. No abnormal temperatures or additional hazards are expected to be encountered.
- 7. The anticipated starting date is September 10, 1981.

DAMCO ENERGY CORPORATION

(915) 682-2984 SUITE 360

Oil & Gas Operations

GIBRALTAR SAVINGS CENTER MIDLAND, TEXAS 79701

OIL & GAS

JUE 1 8 198 MULTI-POINT SURFACE USE AND OPERATIONAL PLAN DAMCO ENERGY CORPORATION MOBIL FEDERAL NO. 1 U.S. GEOLOGICAL SURVEY 1880' FNL - 1980' FWL, Sec. 25, T-26-S R-28-E OSWELL NEW MEXICO EDDY COUNTY, NEW MEXICO (EXPLORATORY WELL)

This plan is submitted with the Application for Permission to Drill the captioned well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operation plan, the magnitude of necessary surface disturbance involved and the proceedures to be followed in rehabilitating the surface after completion of drilling operations.

1. Existing Roads:

> Existing roads in the vicintiy of the planned well are shown on Exhibit "A" attached. The well is located 13 miles south of Malaga, New Mexico. No additional improvement or maintenance of existing roads will be required.

Planned Access Roads: 2.

An access road will be constructed from Highway 285 northeast to the location. The road will be constructed 12' wide of native rock and gravel. A cattle guard and turnout will be located at the exit of Highway 285 and constructed to comply with New Mexico State Highway Department standards. The road will be approximately 700' in length. The center line of the access road has been staked and flagged.

- 3. Location of Existing wells: There are no producing or drilling wells in the immediate area. See attached offset operators plat, Exhibit "C".
- 4. Location of Existing and/or Proposed Facilities: There are no existing facilities on the lease at present. If production is established, producing facilities and a tank battery will be constructed on the drilling pad and no additional surface distrubance will be required.
- Location and Type of Water Supply: 5. Water used in the drilling of the well will be purchased and trucked to the wellsite over existing roads as shown on Exhibit "A".

- 6. Source of Construction Materials: The location will be cut from undulating hills with native rock and gravel on location used for compaction.
- 7. Method of Handling Waste Disposal:
 - A. Drill cuttings will be disposed of in the drill cutting pit.
 - B. Drilling fluids will be allowed to evaporate in the drilling pit. Oil produced during test will be stored in steel tanks until sold. Water produced during test will be disposed of in the drilling pit.
 - C. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24' of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "D".
 - D. All trash and debris will be buried or removed from the wellsite within 30 days after cessation of drilling or completion operations.
- 8. Ancillary Facilities: None required.
- 9. Wellsite Layout:
 - A. Exhibit "D" shows the relative location and deminsions of the well pad, drill cuttings pit, trash pit and major rig components.
 - B. Only minor levelling of the wellsite will be required. No significant cuts and fills will be necessary.
 - C. The reserve pit will be plastic lined.
 - D. The pad and pit area has been staked and flagged.
- 10. Plans for Restoration of the Surface:
 - A. After completion of drilling and/or completion operations all equipment or other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk.
 - B. Any unguarded pits containing fluid will be fenced until they are filled.
 - C. After abandonment, any special rehabilitation and/or revegetation requirements of the Surface Management Agency will be completed with and accomplished as expeditiously as possible.
- 11. Other Information:
 - A. Terrain:

The proposed location will be situated on a somewhat undulating landform lying due west of the Pecos River. Locally this landform is distinguished by the occurence of occasional limestone mantled eminences. Drainage, moving as a results of minor arroyos and hills is tributary to an ephemeral water course which in turn discharges into the Pecos River to the east. Soil individuals are moderately compacted and are composed of calcarous, silt loams and salty clay loams belonging to the Typic Calciorthid Subgroup. Inclusions consist of Limestones and Quartzite gravels and Cobbles.

B. Floristics:

Locally, the Floral community's overstory dominated by Larrea Tridentata, Prosopis Juliflora, Condalia Erieoides, Flourensia Cernua, Acaeia Constriota, Yucca Elata, and Opuntia Macrocentra. Principal forbs include Lepiduim Sp., Gutierrezia Sarothrae, Perezia Nana., Grotan Sp., Circium Sp., Lesquerella Sp., and Verbena Sp. The Graminede is represented by Aristida Sp., Hilaria Mutica Muhlenbergia Porteri, and Tridens Pulchellus.

- C. Ponds and Streams: The Delaware River is located approximately 3/4 mile northeast of the proposed location.
- D. Occupied Dwellings: There are no occupied dwellings in the immediate area.
- E. Cultural Resources: No cultural resources were observed in the area.
- F. Land Use: Grazing and hunting in season.
- G. Surface Ownership: Wellsite is on Federal Surface.
- 12. Operators Representative:

J.E. Lunday 360 Gibraltar Savings Center Midland, Texas 79701 Office Telephone: 915-682-2984 Home Telephone: 915-697-3326

13. Certification:

I hereby certify that I or persons under my direct supervision have inspected the proposed drillsite and access road; 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 operation proposed herein will be performed by DAMCO Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions underwhich it is approved.

AUGUST 14, 1981 Date

LUNDA

OPERATIONS MANAGER DAMCO ENERGY CORPORATION



SUITE 360 GIBRALTAR SAVINGS CENTER

MIDLAND, TEXAS 79701

Oil & Gas Operations



EXHIBIT "D"

DAMCO Energy Corporation Mobil Federal No.1 1880' FNL & 1980' FWL, Sec. 25, T-26-S R-28-E Eddy County, New Mexico

DRILLING CONTROL Condition II-3000 PSI WP





DRILLING CONTROL

MATERIAL LIST - CONDITION II

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D

- 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill-line and 3" minimum flanged outlet for choke line
- 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where substructure height is adequate, 2-3000# W.P. single ram type preventers may be utilized.)
- Bell nipple with flowline and fill-up outlets. (Kill line may also be used for fill-up line.)
- 1,3,4, 2" minimum 3000# W.P. flanged full opening steel gate
 7,8 valve, or Halliburton Lo Torc Plug valve.
- 2 2" minimum 3000# W.P. back pressure valve
- 5,6,9 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 3" minimum schedule 80, Grade "B", seamless line pipe
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross
- 10, 11 2" minimum 3000# W.P. adjustable choke bodies
- 14 Cameron Mud Gauge or equivalent (location optional in choke line.)

			DAMCO ENERGY CORPORATION 360 GIBRALTAR SAVINGS CENTER MIDLAND, TEXAS 79701				
SCALE:	DATE	ENT. NO.	DRG. NO.				
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