ALLIED CHEMICAL CORPORATION
UNION TEXAS PETROLEUM DIVISION
LANGLIE NO. 1
1650' FNL and 1650' FWL, Sec. 9, T-25-S, R-37-E
LEA COUNTY, NEW MEXICO
LEASE LC-032511 (e) NM-~~14229~~ 14213

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS:

   A. The subject well will be drilled as an offset to Union Texas Petroleum's Langlie-Jal Unit. Access to this well will be thru the Langlie-Jal Unit's existing roads. (Note attached Exhibit "A" - Lease road map of Langlie-Jal Unit).

   B. The attached lease road map (Exhibit "A") shows the proposed location as staked. Access to the location is obtained by taking New Mexico highway 128 east out of Jal, New Mexico for 1½ mile to a caliche road which runs north along the east boundary of section 17. This caliche road located in section 9 should be followed 1-2/3 miles along the east boundary of section 17 and section 8. Approximately 2/3 of a mile into section 8, take the first road to the right to the Langlie-Jal Unit Well No. 76. The subject well will be located approximately 1200' northeast.

2. PLANNED ACCESS ROADS:

   A. Length and Width:
   A new road will be constructed from the Langlie-Jal Unit No. 76 well location. The new road will be approximately 1200' long and 12' wide. The center line of the proposed new road is staked and flagged. This new road is labeled and color coded red on the existing lease road map.

   B. Surfacing Material:
   Six inches of caliche, water compacted & graded.

   C. Maximum Grade:
   Three percent

   D. Turnouts:
   None needed.

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PLANNED ACCESS ROADS CONT'D:

E. Drainage Design:
The new road will have a drop of six inches from center line on each side.

F. Culverts:
None Needed

G. Cuts and Fills:
None Required

H. Gates, Cattleguards:
None Required

3. LOCATION OF EXISTING WELLS:

A. The existing wells surrounding this lease are in Union Texas Petroleum's Langlie-Jal Unit and are shown on the attached lease road map.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. There is no existing tank batteries on this lease. There is an El Paso Natural gas line 150' west of this well site.

B. If the proposed well is productive, the tank battery will be located on the drilling well pad and no additional surface disturbance will occur.

C. The nearest power line is along the west boundary of section 9, If well is productive and electric service is needed, the electric service contractor will acquire all right-of-ways.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water for drilling this well will be purchased from Union Texas Petroleum's Langlie-Jal Unit. The nearest supply is at Langlie-Jal Unit No. 75 WIW located NW NW Sec. 9, T-25-S, R-37-E. Water will be supplied by a plastic line laid on the surface from Langlie-Jal No. 75 WIW to the drilling location. Water supply line is labeled and color coded yellow on the attached lease road map.

6. SOURCE OF CONSTRUCTION MATERIAL:

A. Caliche for surfacing the road and well pad will be obtained from an existing pit at NW SW, Sec. 4, T-25-S, R-37-E. (Near Langlie-Jal Unit No. 61 WIW). The pit is located on Federal land.

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7. METHODS OF HANDLING WASTE DISPOSAL:

A. Drill cuttings will be disposed of in the drilling pits.

B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.

C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.

D. Current laws and regulations pertaining to the disposal of human waste will be complied with.

E. Trash, waste paper, garbage, and junk will be burned in a seperate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind.

F. All trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completing operations.

8. ANCILLARY FACILITIES:

A. None Required

9. WELL SITE LAYOUT:

A. Exhibit "B" shows the relative location and dimensions of the well pad, mud pits, trash pit and location of major rig components. A 400' x 400' area was staked and flagged to insure flexibility in placing the well pad for the most feasible and environmentally acceptable manor. However, the well pad will only be approximately 200' x 200'.

B. Only minor levelling of the well site will be required. No significant cuts or fills will be necessary.

C. The reserve pit will be plastic lined.

10. PLANS FOR RESTORATION OF THE SURFACE:

A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave the well site in an aesthetically pleasing condition as possible.

B. Any unguarded pits containing fluids will be fenced until they are filled.

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PLANS FOR RESTORATION OF THE SURFACE CONT'D:

C. After abandonment of the well, any special rehabilitation and/or revegetation requirements of the surface management agency will be complied with and accomplished as expeditiously as possible. All pits will be filled and levelled within 90 days after abandonment.

11. OTHER INFORMATION:

A. Topography:
Land Surface is gently rolling to level from an elevation of 3164.9 feet at the well site, the surface slopes downward toward the south about 50' per mile.

B. Soil:
Soil is fine sand with caliche on surface.

C. Flora and Fauna:
The vegetative cover is generally sparse and consist of mesquite, broom weed, and native grass. Wildlife in the area is coyotes, rabbits, rodents, reptiles, dove and quail.

D. Ponds and Streams:
There are no rivers, streams, lakes or ponds in the area.

E. Residences and other Structures:
The nearest occupied dwelling is a ranch approximately 2/3 mile south (Note: Green house on Exhibit "A").

F. Archeological, Historical and Cultural Sites:
None

G. Land Use:
Grazing and hunting in season.

H. Surface Ownership:
Well site is on Federal Surface.

12. OPERATOR'S REPRESENTATIVES:

Thomas E. Walton, Asst. Dist. Prod. Manager
2407 Camarie
Midland, Texas 79701

Stanley A. Post, Sr. Prod. Analyst
Route 3, Box 1000
Midland, Texas 79701

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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 Allied Chemical Corporation, Union Texas Petroleum Division and its contractors ans sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

June 26, 1977 — Marilyn Pitt, Field Analyst

Date — Name and Title

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