

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 2. TYPE OF WELL

OIL

WELL ☐

GAS

WELL ☐OTHER ☐

SINGLE

ZONE ☒

MULTIPLE

ZONE ☐

## 3. NAME OF OPERATOR

Goulding Oil Company

## 4. ADDRESS OF OPERATOR

P.O. Box 7, Farmington, New Mexico 87401

## 5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

7.2 from the South and 1.0 from the East

At proposed prod. zone

South

## 6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

1.5 Miles South of Farmington, New Mexico

## 7. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

## 8. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING COMPLETED  
OR APPLIED FOR, ON THIS LEASE, FT.

## 9. ELEVATIONS\* (Show whether DE, RT, GR, etc.)

600 Gr.

## 10.

## PROPOSED CASING AND CEMENTING PROGRAM

## SIZE OF HOLE

## SIZE OF CASING

## WEIGHT PER FOOT

## SETTING DEPTH

## QUANTITY OF CEMENT

12 1/2"

8"

21

10'

Sufficient to cement

7 1/2"

6 1/2"

11.5

8'

100 Sacks

1. Formation is sand oil. No abnormal pressure or temperature anticipated.

2. It is proposed to drill well to 365' using oil based mud. Drilled a float will be used. A float installer will be used. An induction log will be run providing hole conditions permit. A 1 1/2" hole, 12 lb. casing will be run in hole.

3. 1 1/2" H-40, 10.34 casing will be cemented at 10' with 100 sacks of -50 lbs. cement. A 7 1/2" hole, followed by 6 1/2" casing last cement.

4. The well will have casing venturi and controlled flow in the Cretaceous Cliffs Zones.

5. 1 1/2" hole and 7-15 lb casing will be run to top of Cretaceous Cliffs perforation.

6. A Miller "M" Model line, 100/100 test, 1000/100 flow of pressure will be in use at all times during drilling to 100'. Pressure venturi will be tested at least once during each 100' of hole.

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

Richard E. Curran

TITLE

Superintendent

DATE

March 17, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

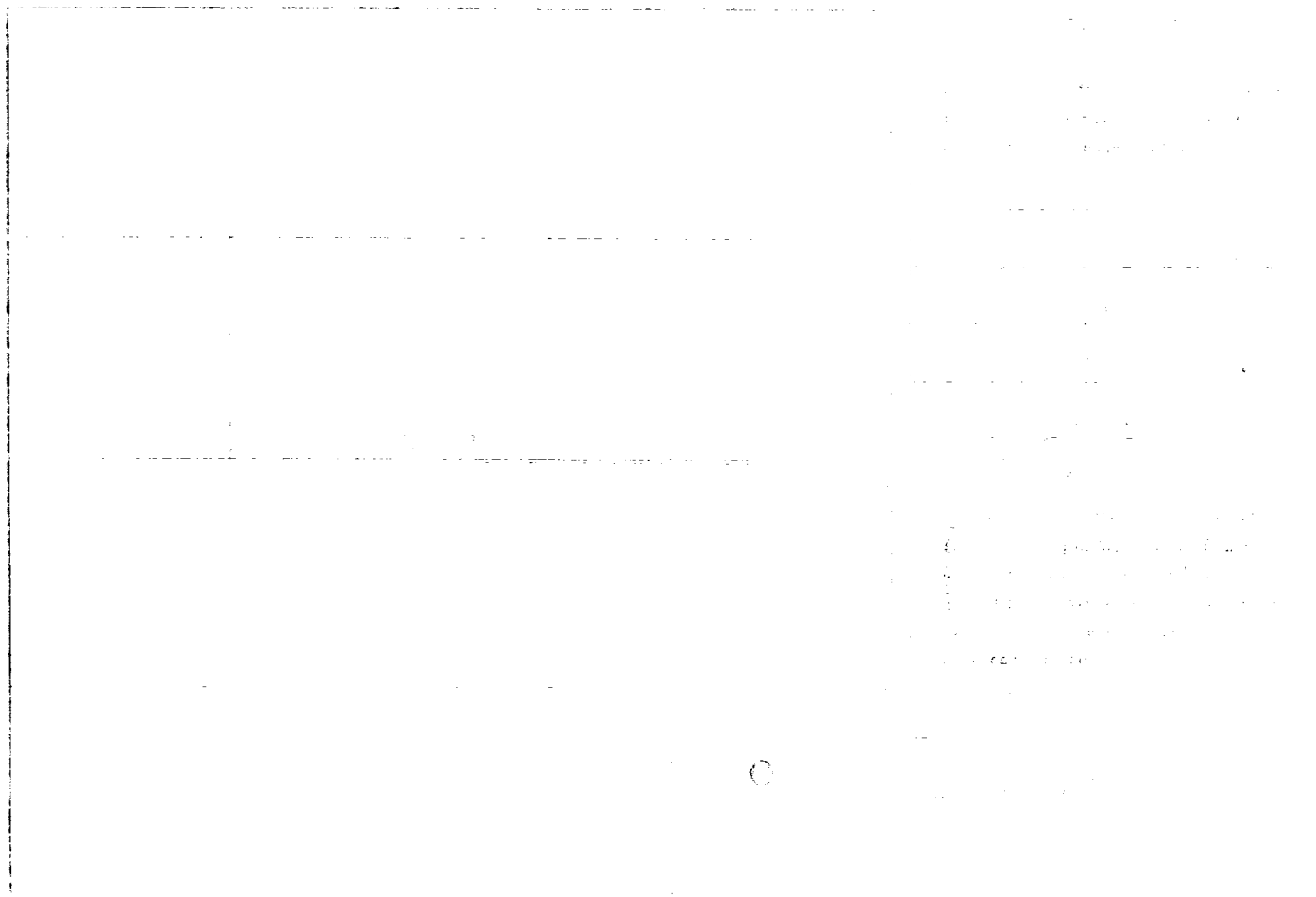
DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# ANNEX 1. OIL CONSERVATION MEASURES WELL LOGS AND ADDRESS INFORMATION

| Well Name   | Address                   | Remarks       |
|-------------|---------------------------|---------------|
| Well No. 1  | 123 Main St, City         | Oil conserved |
| Well No. 2  | 456 Elm St, City          | Oil conserved |
| Well No. 3  | 789 Oak St, City          | Oil conserved |
| Well No. 4  | 101 Pine St, City         | Oil conserved |
| Well No. 5  | 202 Birch St, City        | Oil conserved |
| Well No. 6  | 303 Cedar St, City        | Oil conserved |
| Well No. 7  | 404 Maple St, City        | Oil conserved |
| Well No. 8  | 505 Spruce St, City       | Oil conserved |
| Well No. 9  | 606 Willow St, City       | Oil conserved |
| Well No. 10 | 707 Ash St, City          | Oil conserved |
| Well No. 11 | 808 Hickory St, City      | Oil conserved |
| Well No. 12 | 909 Walnut St, City       | Oil conserved |
| Well No. 13 | 1010 Cherry St, City      | Oil conserved |
| Well No. 14 | 1111 Peach St, City       | Oil conserved |
| Well No. 15 | 1212 Plum St, City        | Oil conserved |
| Well No. 16 | 1313 Apple St, City       | Oil conserved |
| Well No. 17 | 1414 Orange St, City      | Oil conserved |
| Well No. 18 | 1515 Lemon St, City       | Oil conserved |
| Well No. 19 | 1616 Lime St, City        | Oil conserved |
| Well No. 20 | 1717 Coffee St, City      | Oil conserved |
| Well No. 21 | 1818 Tea St, City         | Oil conserved |
| Well No. 22 | 1919 Herb St, City        | Oil conserved |
| Well No. 23 | 2020 Spice St, City       | Oil conserved |
| Well No. 24 | 2121 Sugar St, City       | Oil conserved |
| Well No. 25 | 2222 Salt St, City        | Oil conserved |
| Well No. 26 | 2323 Pepper St, City      | Oil conserved |
| Well No. 27 | 2424 Corn St, City        | Oil conserved |
| Well No. 28 | 2525 Wheat St, City       | Oil conserved |
| Well No. 29 | 2626 Barley St, City      | Oil conserved |
| Well No. 30 | 2727 Rye St, City         | Oil conserved |
| Well No. 31 | 2828 Oats St, City        | Oil conserved |
| Well No. 32 | 2929 Beans St, City       | Oil conserved |
| Well No. 33 | 3030 Peas St, City        | Oil conserved |
| Well No. 34 | 3131 Potatoes St, City    | Oil conserved |
| Well No. 35 | 3232 Carrots St, City     | Oil conserved |
| Well No. 36 | 3333 Onions St, City      | Oil conserved |
| Well No. 37 | 3434 Garlic St, City      | Oil conserved |
| Well No. 38 | 3535 Mushrooms St, City   | Oil conserved |
| Well No. 39 | 3636 Tomatoes St, City    | Oil conserved |
| Well No. 40 | 3737 Cabbages St, City    | Oil conserved |
| Well No. 41 | 3838 Broccoli St, City    | Oil conserved |
| Well No. 42 | 3939 Cauliflower St, City | Oil conserved |
| Well No. 43 | 4040 Spinach St, City     | Oil conserved |
| Well No. 44 | 4141 Asparagus St, City   | Oil conserved |
| Well No. 45 | 4242 Artichokes St, City  | Oil conserved |



# CAULKINS OIL CO.

Post Office Box 780  
Farmington, New Mexico 87401

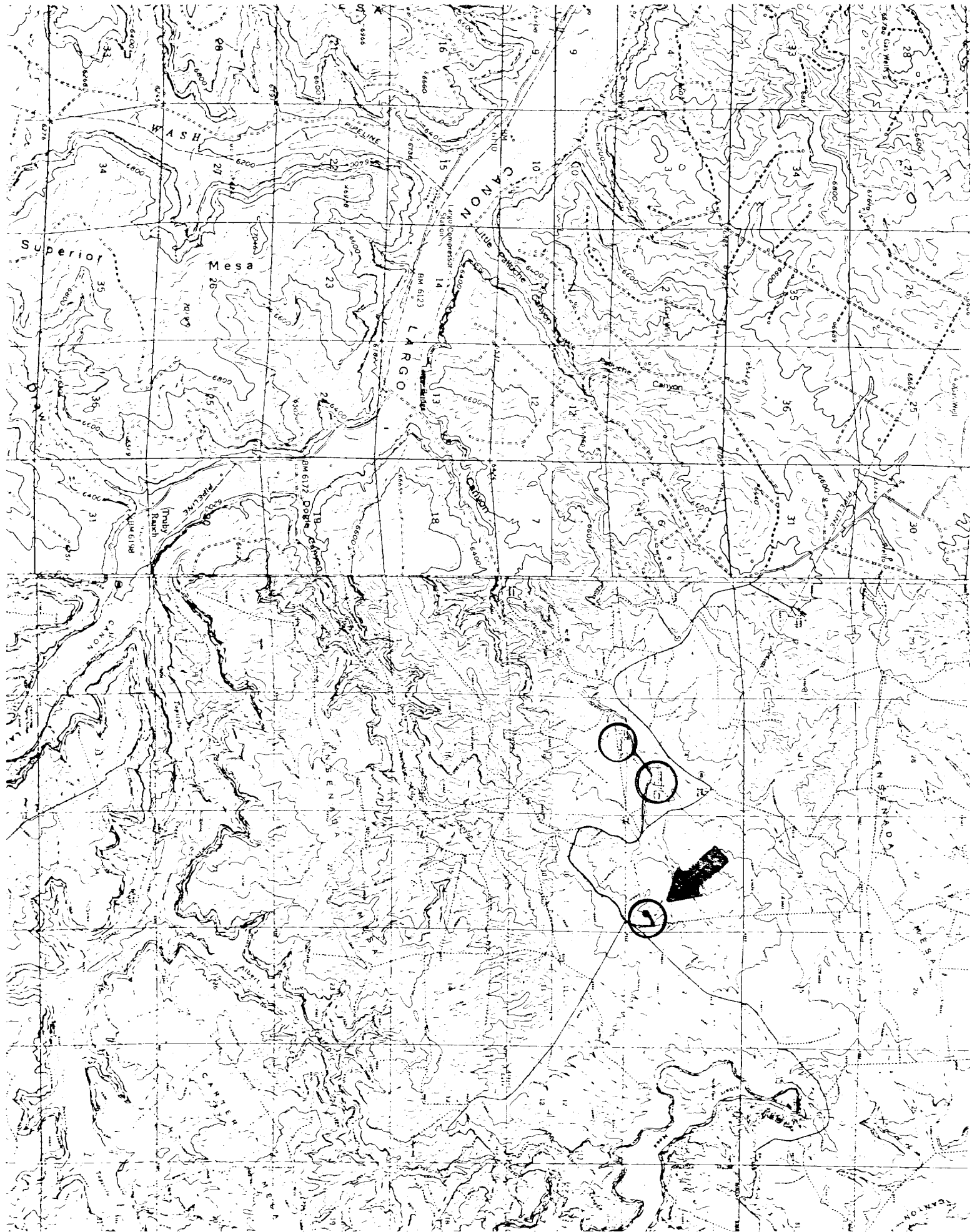
March 17, 1977

United States Dept. of the Interior  
Geological Survey  
Post Office Box 1809  
Durango, Colorado 81301

Gentlemen:

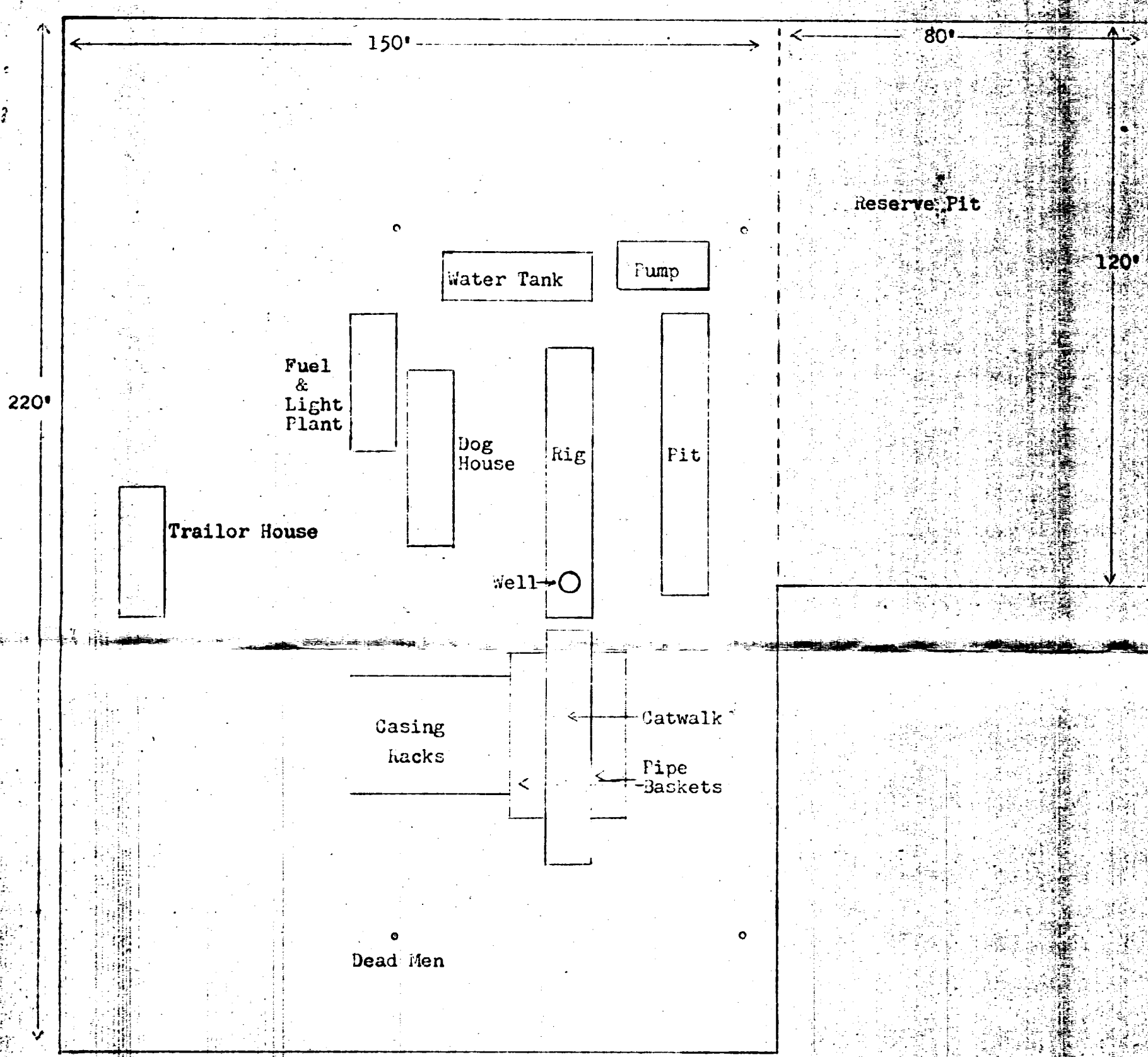
Following is our multi-point development plan for surface use and restoration for our well No. 132, located in the Southeast quarter of Section 7, T8N 6E, Rio Arriba County, New Mexico.

- (1) Location to be built 500' off existing road. Copy of topo map showing proposed location and existing roads in area.
- (2) 500' new road required for drillsite. New road will be no wider than 20' and 3 water bars will be installed on grades between location and existing road.
- (3) Location of existing wells shown on topo map.
- (4) No tank battery or production facilities required. Note: Gas Company of New Mexico as purchaser of gas will agree for rental for pipeline and production equipment.
- (5) Water will be hauled from Caulkins Oil Company well number 130, located in Northwest quarter of Section 9 T8N 6E, Rio Arriba County, New Mex. Water well marked with circle on topo map. Roads on Federal lands used to haul water from water well to location also shown on topo map.
- (6) No construction materials needed for roads or location.
- (7) All cuttings, trash, garbage and etc. will be confined to reserve pit and small fenced pit on location. After rig is moved out, area will be cleaned up, small pit covered and reserve pit fenced until fluid in pit evaporates. Reserve pit will be covered as soon as it dries sufficiently to proceed without damage to surface.
- (8) No camp required.
- (9) Layout plat for location and reserve pit attached. Location lays on 1 1/2 slope. A 10' cut on east end of location will be required. A drain ditch will be cut above location cut, running east to west to prevent water from running down 3:1 cut on location. Reserve pit will be built with earth material, banks will be worked by tractor. Reserve pit will not be lined.



BY DATE  
 CERO BY DATE  
 SUBJECT  
 SHEET NO. OF  
 JOB NO.

NORTH



Scale - 1 inch = 25'

Well Number 112  
 SE SE Section 3 26N 6W  
 Rio Arriba County, New Mexico

RECEIVED  
MAR 18 1917  
U.S. GOVERNMENT  
PRINTING OFFICE