

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21135

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Penroc Oil Corporation

3. ADDRESS OF OPERATOR
P. O. Drawer 831, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' FSL and 660' FEL, Sec. 15, T20S, R27E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 9 miles North of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. line, if any)
660'

16. NO. OF ACRES IN LEASE
160

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
5000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3305' GR

22. APPROX. DATE WORK WILL START*
April 15, 1974

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	32	1000'	Circulate
7 7/8"	4 1/2"	11.6	5000'	300

Drilling of the well to be in compliance with "Drilling Well Control Requirements" dated June 22, 1973.

RECEIVED

MAR 20 1974

O. C. C.
ARTESIA, OFFICE

RECEIVED

MAR - 7 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 E. J. Dally TITLE V. P. - Exploration DATE March 7, 1974
(This space for Federal or State office use)

APPROVED
APPROVED BY
MAR 19 1974
L. BECKMAN
ARTESIA DISTRICT ENGINEER

APPROVAL RATIONS
THIS APPROVAL IS RECORDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JUN 18 1974

*See Instructions On Reverse Side

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.

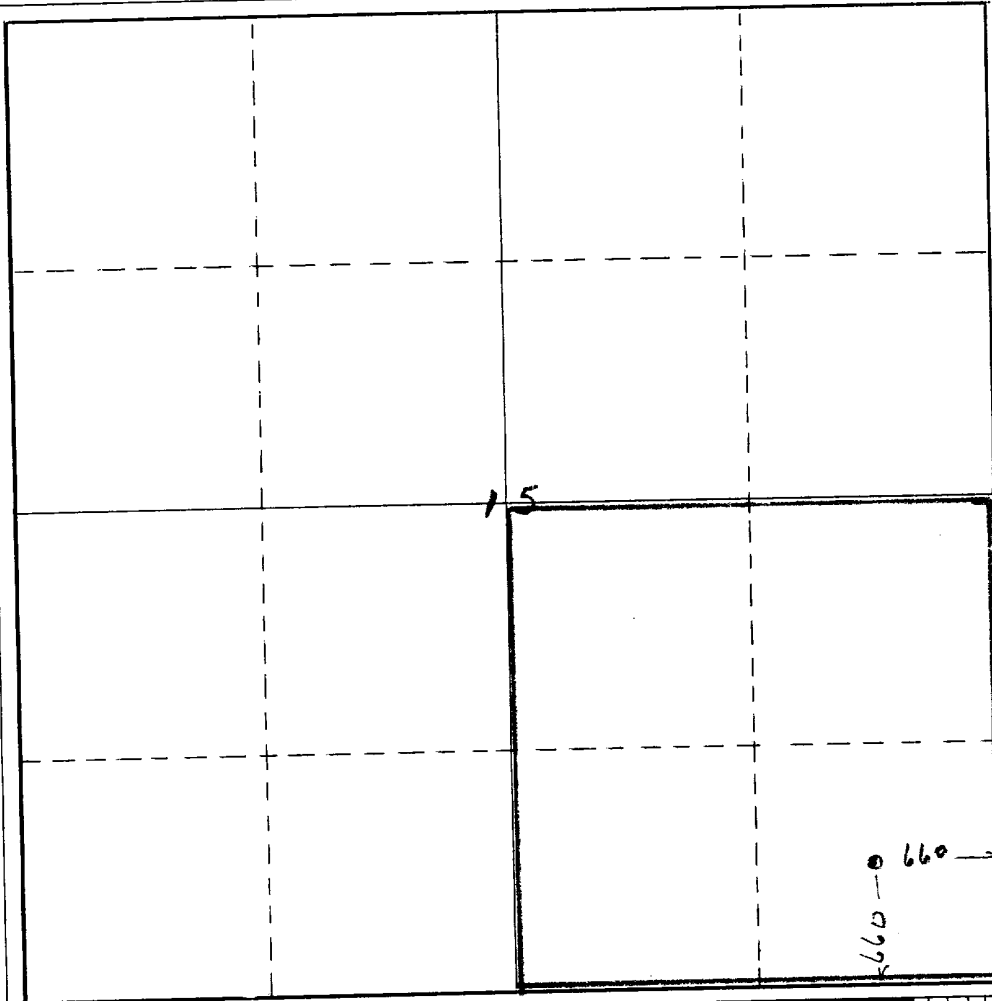
Operator PENROCK OIL CORPORATION		Lease COMBS - FEDERAL		Well No. 1
Unit Letter P	Section 15	Township 20 S	Range 27E	County Eddy
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line				
Ground Level Elev. 3305	Producing Formation BONE SPRING	Pool WILDCAT	Dedicated 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.

Name B. J. Talley
S. J. TALLEY

Position Vice Pres - Exploration

Company Penrock Oil Corporation

Date 3-7-74

RECEIVED
shown on this plat was plotted from notes of actual surveys made under my supervision, and the is true and correct to the knowledge and belief of
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

March 6, 1974

Date Surveyed _____
Registered Professional Engineer and/or Land Surveyor

N. M.
Certificate

position
in field
by me or
it the same
SURVEY
MEXICO

274

International Register
Veter

230

No.

DEVELOPMENT PLAN FOR SURFACE USE

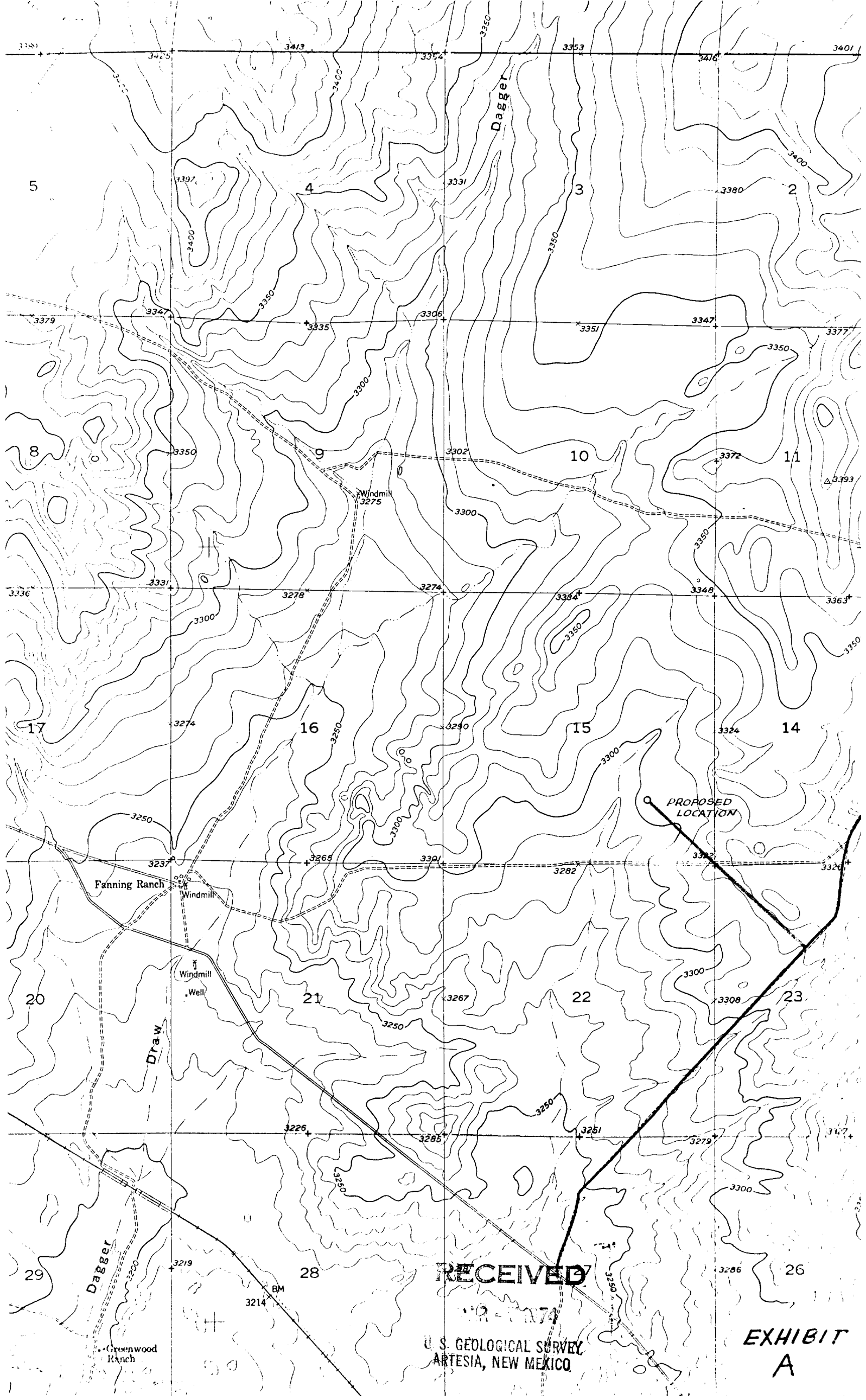
PENROC OIL CORPORATION No. 1 Combs-Federal
660' FSL, 660' FEL, Section 15, T20S, R27E
Eddy County, New Mexico

1. Existing Roads:
USGS Quadrangles Lake McMillan South and Oil City join $1\frac{1}{4}$ miles east of the proposed location and are of different scales. Therefore portions of each have been reproduced to show existing roads in the area. The plats are marked Exhibits "A" and "A¹". The well-known Lake McMillan Road is indicated on Exhibit "A" in yellow. At a point barely west of the center of Section 27 an unimproved road exits from the Lake McMillan road. It trends in a northeast direction and is indicated by orange color. This road will be improved for approximately $1\frac{1}{2}$ miles being graded and caliched where necessary.
2. Planned Access Roads:
A new road is to be constructed as shown on Exhibit "A" in blue color. For a distance of approximately $\frac{3}{4}$ of a mile this new road will be graded and surfaced with caliche. It will be a normal single traffic width with turn-outs as necessary.
3. Location of Existing Wells:
See Exhibit "B".
4. Lateral Road to Well Locations:
Covered in Item 1.
5. Location of Tank Batteries and Flow Lines:
If well is productive and commercial, tank battery to be positioned on the southwest portion of the drilling pad with flow lines traversing a direct route north to necessary separator equipment, thence to the wellhead. Shown on Exhibit "C".
6. Location and Type of Water Supply:
As far as is known no water available in the immediate vicinity. Water for drilling purposes will be hauled to the location by tank truck.
7. Methods for Handling Waste Disposal:
All waste and debris to be placed in a dug trash pit and covered during final clean up.
8. Location of Camps:
None.
9. Location of Airstrips:
None.
10. Location Layout (Rig, Pits, Pipe Racks, etc.):
See Exhibit "C".
11. Plans for Restoration of Surface:
All pits to be leveled and filled and location graded and levelled to restore area to original condition as near as possible.
12. Other Information:
Terrain is rolling and slightly hilly. Drainage from the proposed well site is west and south. Vegetation generally sparse. No unusual surface conditions extreme enough to warrant special consideration.

RECEIVED

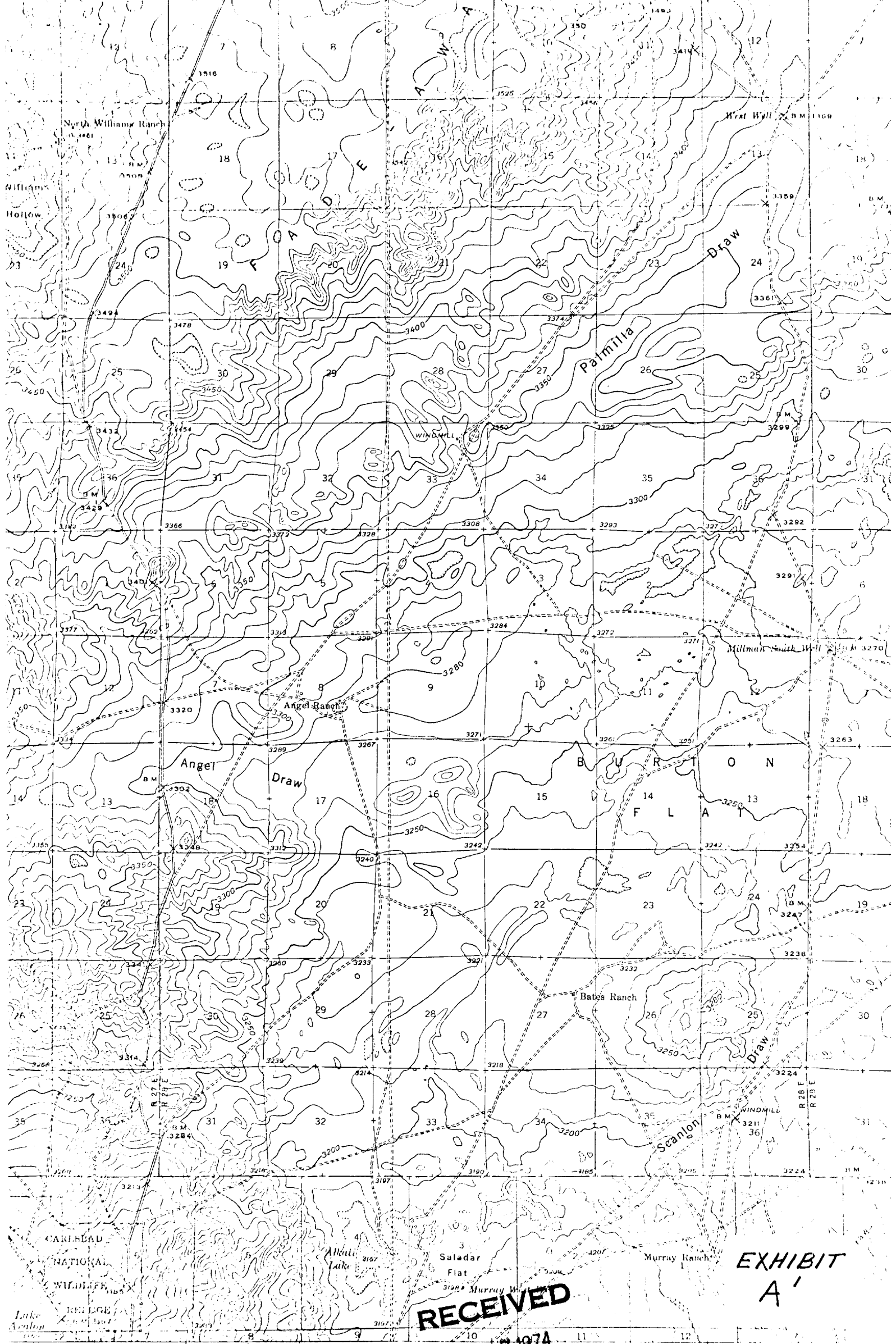
MAR 27 1955

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO



RECEIVED
NOV 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

EXHIBIT
A



North Williams Ranch
Williams Hollow

CARLEBAD NATIONAL WILDLIFE REFUGE
Lake Acapulco

RECEIVED
MAR 17 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

EXHIBIT
A'

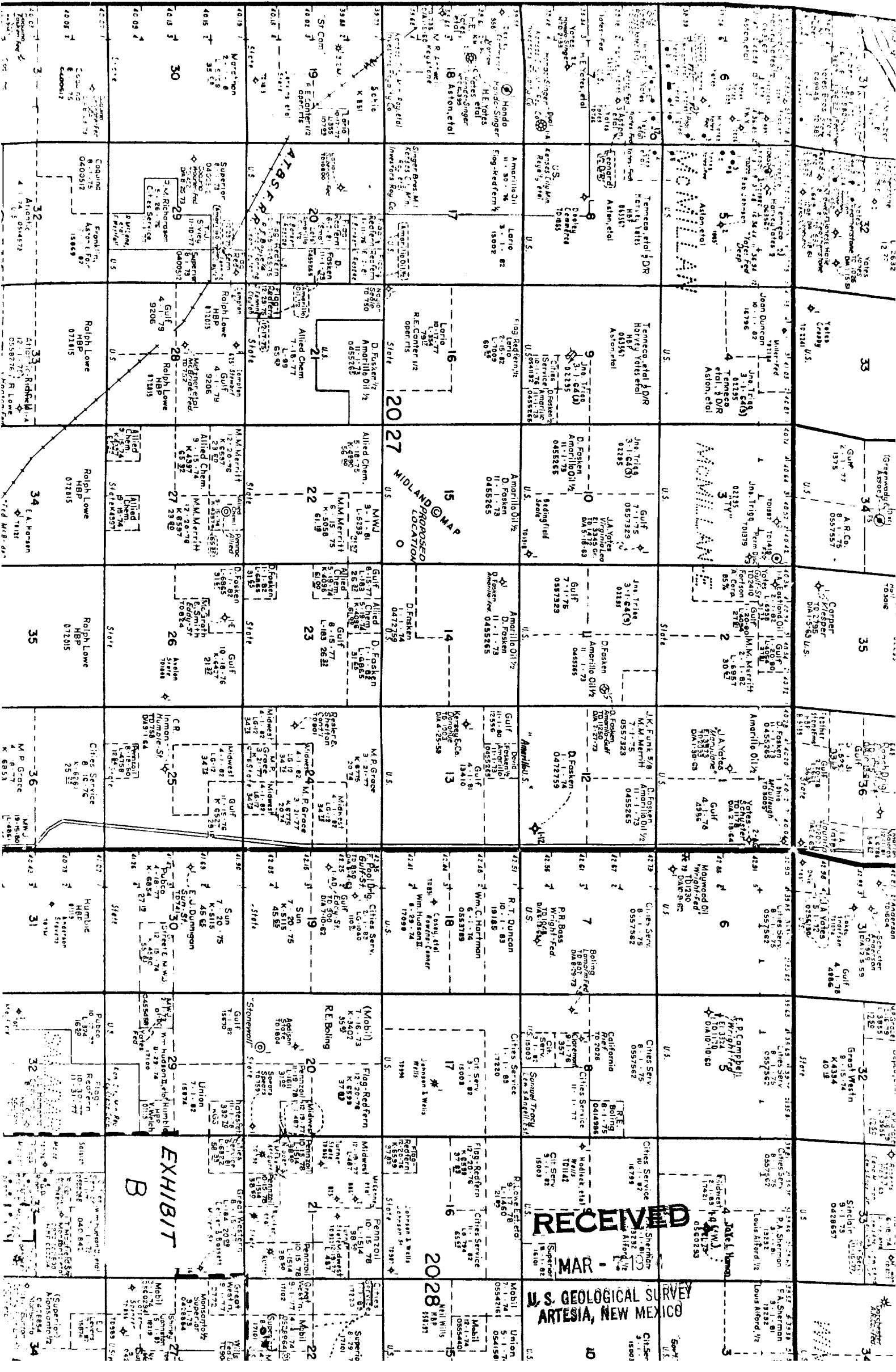
Topography by Max J. Gleissner, S. T. Penick,
A. C. McClellan, and C. E. Walker
Surveyed in 1935 and 1938

ROAD CLASSIFICATION

HARD SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
GRADE GRADE IMPROVED

TRUE NORTH
MAGNETIC NORTH

SCALE 1:62,500



RECEIVED
MAR - 10

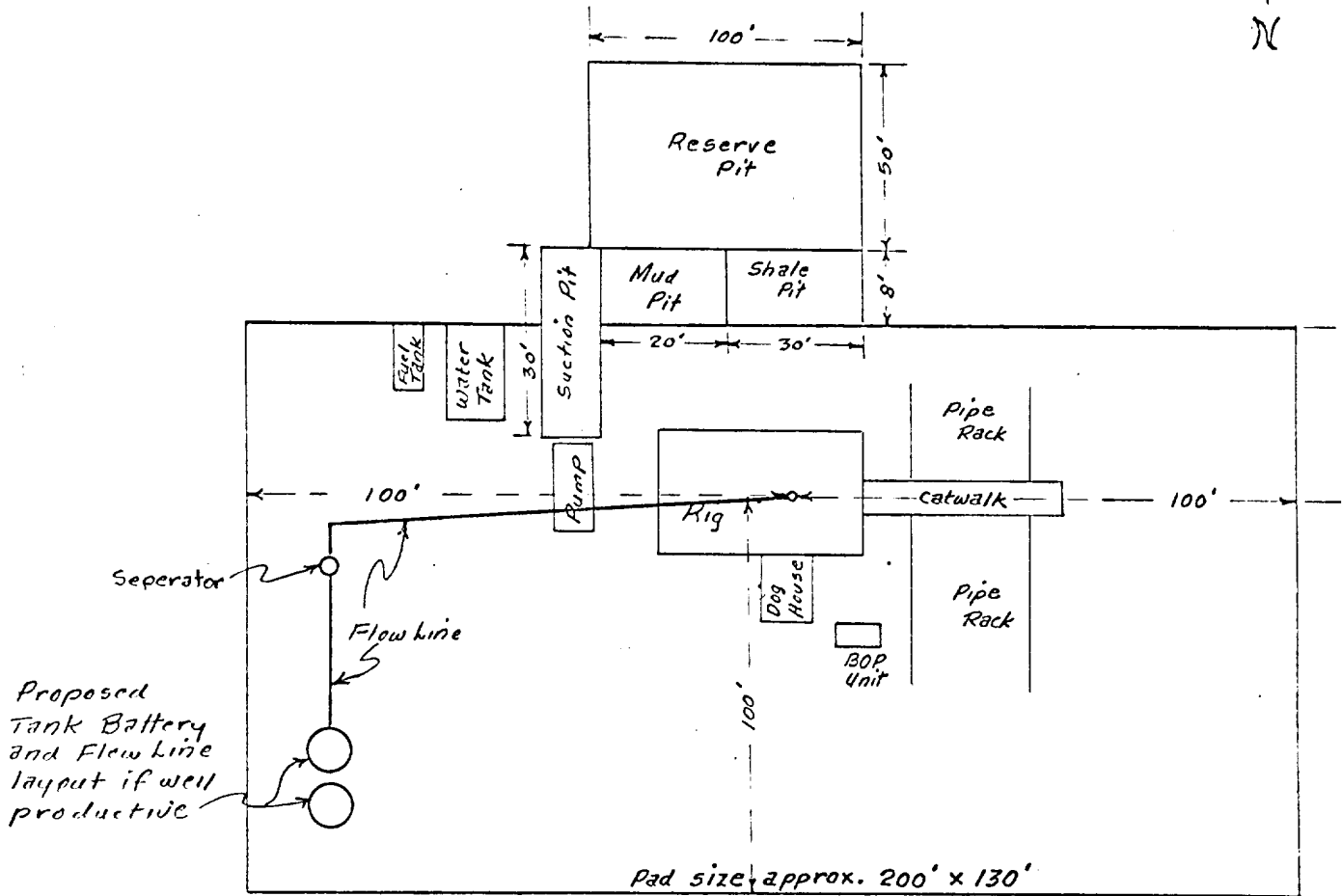
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

EXHIBIT B

2028

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Drilling Rig and Mud Pits layout



~ Diagram not to scale

Pad to be caliche & packed

Shaeffer Type E-10 Series 900 hydraulic, 6000# test.

3000# working pressure and compatible 900 Series choke manifold

Mud Program:

Surface to 1000' - Maggel and lime in fresh water

1000' to TD - Native mud in Brine

RECEIVED

MAD

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Exhibit C