

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-21592

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 0597557
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR C. E. LARUE and B. N. Muncy, Jr. ✓			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 196, Artesia, New Mexico 88210			8. FARM OR LEASE NAME Arco Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' from the north line and 2310' from East line West 34, T19, R27 At proposed prod. zone			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles Southeast Artesia, New Mexico			10. FIELD AND POOL, OR WILDCAT + Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	330'	16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 1850	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3382 GL			22. APPROX. DATE WORK WILL START* July 28, 1975

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2"	8 5/8"	29 1/2	250'	circulated
7 7/8"	4 1/2"	9 1/2	1850	130 sacks

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 B. N. Muncy, Jr. TITLE Operator DATE July 10, 1975

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

JUL 22 1975  
R. L. BECKMAN  
VG DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES OCT 22 1975  
See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been, ~~directionally~~ drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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 <i>C. E. Lauer - B. M. Muncy - ARCO Federal</i>		Lease <i>ARCO Federal</i>		Well No. <i>1</i>	
Unit Letter <i>C</i>	Section <i>34</i>	Township <i>19 South</i>	Range <i>27 East</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>330</i> feet from the <i>North</i> line and <i>2310</i> feet from the <i>West</i> line					
Ground Level Elev. <i>3382</i>	Producing Formation <i>Grayburg</i>		Pool <i>WC</i>	Dedicated Acreage: <i>40</i> 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?

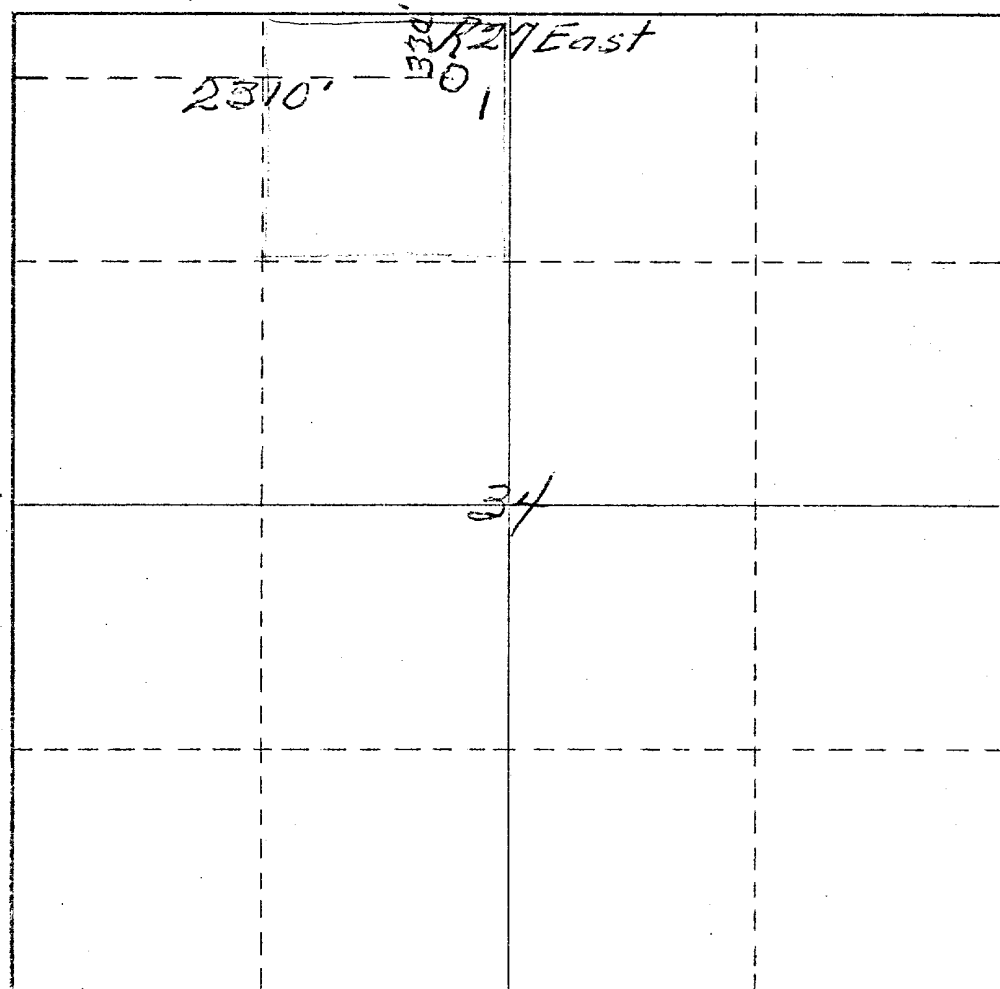
**RECEIVED**

**JUL 23 1975**

☐ 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.

*B. M. Muncy*  
Name

*Co-owner*  
Position

*C. E. Lauer - B. M. Muncy*  
Company

*July 10, 1975*  
Date

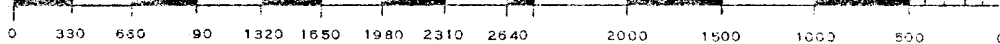
I hereby certify that the well location shown on this plat is based on field notes or actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

*July 10<sup>th</sup> 1975*  
Date Surveyed

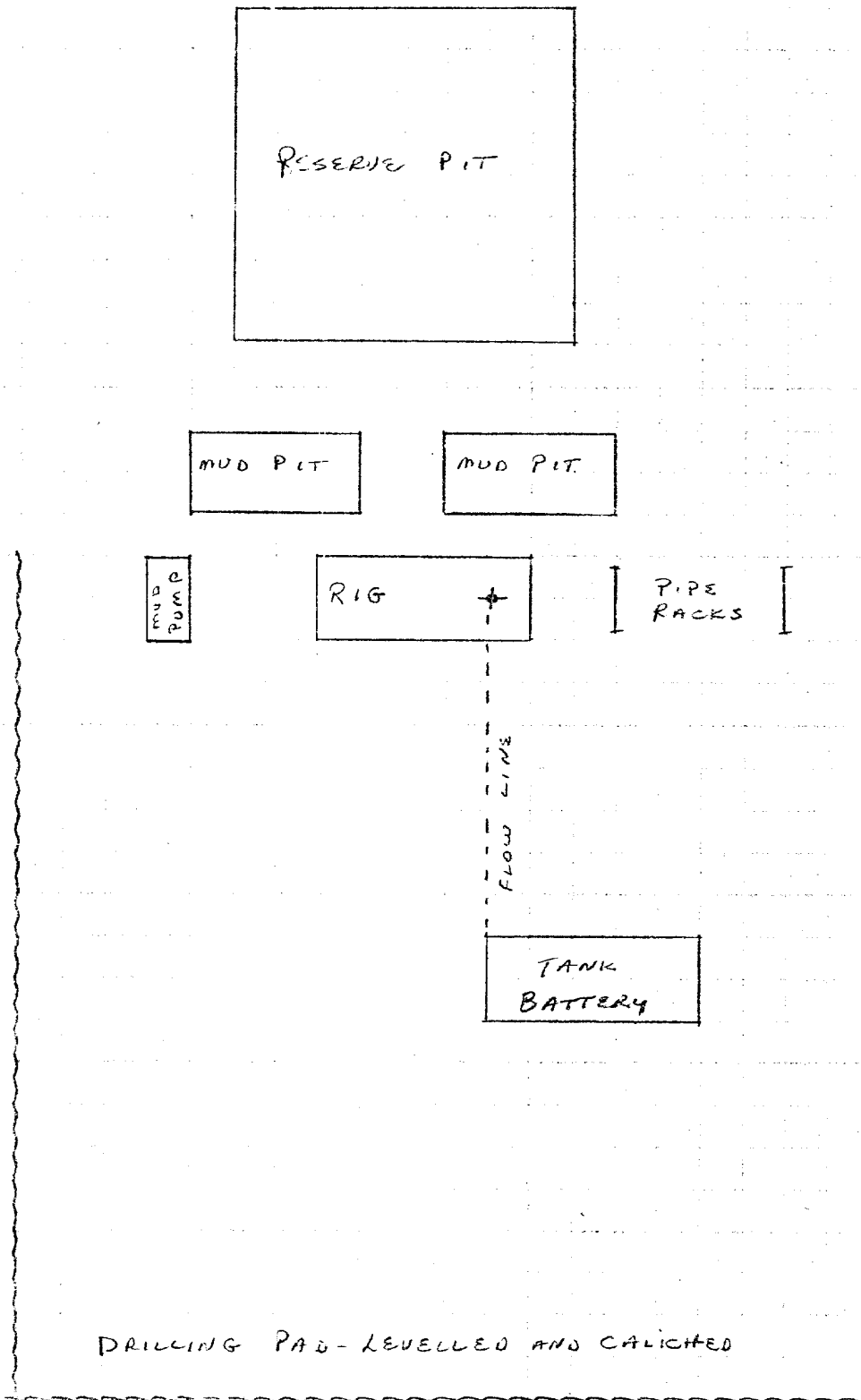
Registered Professional Engineer and/or Land Surveyor

*James H. Brown*  
Certificate No.

*542*



N - SCALE 1" = 20'



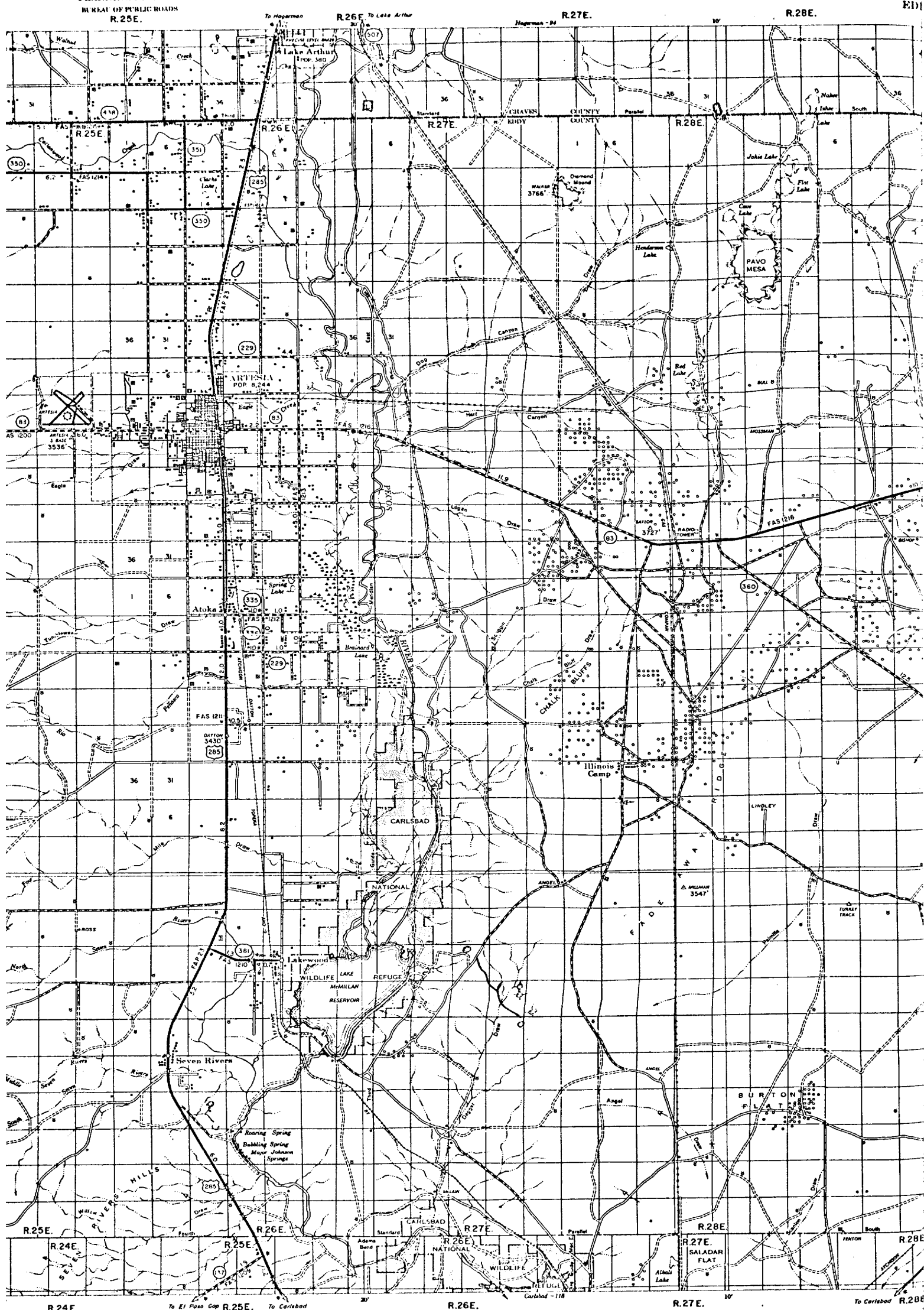
Pits will be dug to cover garbage and trash which will be kept in containers until well is completed. Surface area is hard with little vegetation except weeds. Area involved is almost completely flat. Drilling water will be trucked to location. Oil will be trucked from tank battery.

1. Map Attached
2. Map Attached
3. Map Attached
4. Map Attached
5. Plat Attached
6. No water available anywhere near location. All drilling water will be trucked to location.
7. ~~Garbage and~~ Trash will be stored in containers with a small pit dug on location to bury these materials when location is cleaned after well is drilled. Pits will have all cuttings etc from the drilling operation and will be covered when drilling and completion is finished.
8. No camp will be at location, no permanent-type structures will be constructed.
9. No airstrip will be constructed or used.
10. Plat attached
- II: Surface of location will be cleaned, all pits covered, pad area and roads will be used for tank battery, trucking oil from battery, and pumpers entry to well.
12. Area is rocky, ~~hard~~ almost flat, very little vegetation primarily weeds.

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION  
BUREAU OF PUBLIC ROADS  
R.25E.

ED



Control by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and Mining Division - Modified Conic Projection Standard; and 1947 North American Datum

EXISTING ROAD  
ROAD TO BE BUILT  
DRY HOLE  
PRODUCING WELL

Longitude West from Greenwich  
Scale 1 inch = 3 miles  
STATUTE MILES

DATE OF INVENTORY  
EDDY COUNTY 1957  
CHAVES COUNTY 1959

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Roswell, New Mexico

SERIAL No.: N.M. 0557557

and hereby designates

NAME: Larue & Muncy

ADDRESS: 416 East Main Street, Artesia, New Mexico 88210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T-19-S, R-27-E, N.M.P.M., Eddy County, New Mexico

Section 34: NW/4

Insofar only as concerns rights from surface down to 1850 feet.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATLANTIC RICHFIELD COMPANY

By: 

(Signature of lessee)

..... July 7, 1975  
(Date)

P. O. Box 1610, Midland, Texas 79701  
(Address)