

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Lewis B. Burleson, Inc.

3. ADDRESS OF OPERATOR

Box 2479, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

Unit E, Section 35, T-18-S, R-32-E

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OF

7 miles south of Maljamar

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

400

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.

first well

19. PROPOSED DEPTH

4300

20. ROTARY OR CABLE TOOLS

rotary

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

3715.2 GL

22. APPROX. DATE WORK WILL START*

May 15, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	20	340	200 sx circulated
7-7/8	4-1/2	10.5	4300	300 sx to base of salt

OR DV

50' BELOW RUSTLER TOP
TO SURFACE

Drill 12-1/4" hole to 340' ±. Set 8-5/8" casing. Cement with 200 sx to circulate to surface. Install 10" shaffer 900 BOP with hydraulic closing unit & test to 1000 psi. (See attached) Drill out. (See mud program attached) Run 4-1/2" casing to TD and cement. Perforate & acidize to test well.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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

Wayne Jarvis

TITLE

Drilling Superintendent

(This space for Federal or State office use)

PERMIT NO.

APPROVED
AS AMENDED

APPROVAL DATE

APPROVED BY

FEB 21 1980

TITLE

ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

THE INFORMATION DIVISION
OF THE CONSTITUTION DIVISION

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

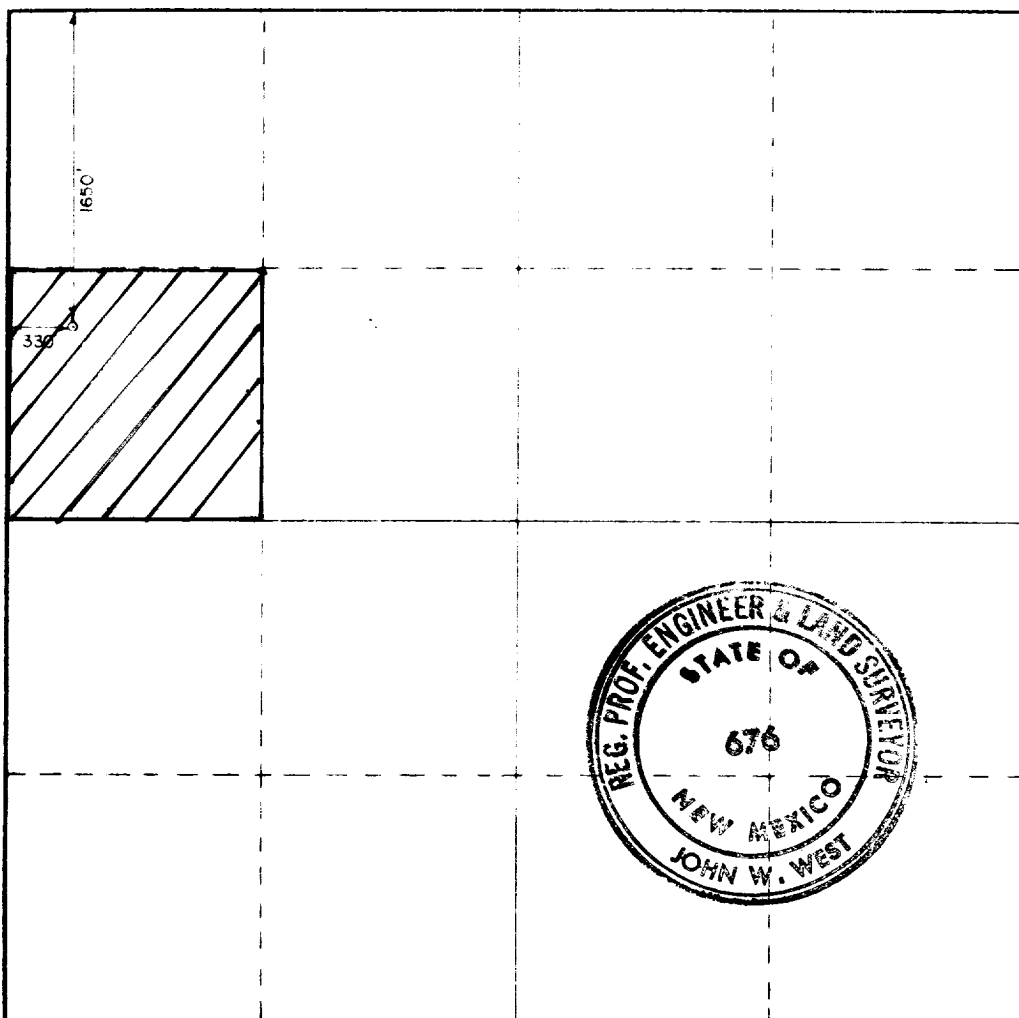
Operator Lewis B. Burleson, Inc.		Lease Querecho F. 1.		Well No. 1
Tract Letter E	Section 27	Township 12 N. 10 E.	Range 5 E.	County Lea
Actual Footage Location of Well 1650 feet from the North line and 330 feet from the West line				
Ground Level, Elevation 2715.2	Producing Formation Queen	Owner Querecho Plains Queen Assoc.	Dedicated Acreage 40 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
Wayne James

Position
Drilling Superintendent

Company
Lewis B. Burleson, Inc.

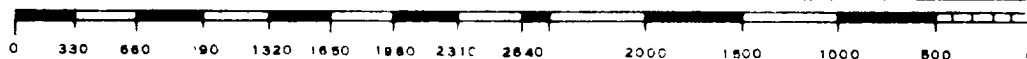
Date
Jan. 29, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of 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.

Date Surveyed
1-25-1980

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239



WILSON COUNTY, TENN.
OFFICE OF THE CLERK

FEB 26 1980

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ATTACHMENT FORM 9-331-C

Lewis B. Burleson, Inc.

Berry Federal # 1

Location: 330' FWL & 1650' FNL of Section 35, T-18-S, R-32-E, Lea County,
New Mexico, Berry Federal NM-25513

1. Surface Formation: Pleistocene- and Holocene-aged aeolian material.

2. Estimated tops of geologic markers:	Anhydrite	1120
	Top Salt	1240
	Base Salt	2495
	Yates	2540
	Queen	3940

3. Estimated depth of mineral-bearing formation:

Fresh Water	80 to 200
Yates	2540 - oil and gas
Queen	3940 - oil and gas

4. Casing Program:

Hole Size	Size of Casing	Weight Per Ft.	Cond.	Grade	Depth	Sacks Cement	Est top Cement
12 1/4	8 5/8	24#	New	K-55	340	200	circ
7 5/8	4 1/2	10.5#	New	K-55	4100	300	2450

5. Blowout Preventer: 10" Shaffer 900 Double Hydraulic with Payne Closing Unit.
See Exhibit D.

6. Mud Program: 0-340 native spud mud, 34 viscosity, weight 8.9#; 340-2200 brine water; 3800-4100 salt base mud viscosity 35-38, weight 10.1#, water loss 10

7. Auxiliary Equipment: Kelly valve, safety sub with full opening valve, drill pipe float valve.

8. Logging & Testing: No drillstem tests or coring anticipated. Logs to consist of sonic - gamma ray.

9. No abnormal pressures or temperatures are anticipated.

10. Starting date and duration: Starting date will be determined by date of approval and availability of Moran Bros. rig. Operations are expected to be complete in 14 days.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Lewis B. Burleson, Inc.

Berry Federal # 1

Location: 330' FWL & 1650' FNL of Section 35, T-18-S, R-32-E, Lea County,
New Mexico, Federal Lease # NM-25573

1. Existing Roads

Exhibit "A" is a portion of a Lea County Ownership map

2. Planned Access Road:

As shown on Exhibit "B".

No new road will be necessary as location is situated next to existing lease road.

3. Location of existing wells:

Exhibit "A" shows all existing wells within a radius of three miles.

4. Location of Existing and Proposed Facilities:

None existing. Proposed sales lines and battery, if necessary, will be on drilling pad.

5. Location and Type of Water Supply:

All water required for drilling will be hauled from Maljamar.

6. Source of construction Materials:

Caliche pit 1/2 mile west of location.

7. Methods of Handling Waste Disposal:

Drill cuttings will be disposed of in the drilling pits.

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

Water produced during test will be disposed of in the drilling pits.
Oil produced during test will be stored in test tanks until transferred to tank battery for sale.

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

Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "C".

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

8. Ancillary Facilities:

None required.

9. Wellsite Layout:

Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit and location of major rig components.

Minimum of 2-3 feet cut or fills will be required to level the well pad.

The reserve pit will be plastic lined.

10. Plans for Restoration of Surface:

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 wellsite in as aesthetically pleasing condition as possible

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

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. Weather permitting, all pits will be filled and levelled within 90 days after abandonment.

11. Other Information:

Topography: The land surface in the vicinity is a relatively level semi-desert plain.

Soil: Soil consists of 4" to 6" of sand on a caliche base.

Flora and Fauna: Vegetative cover is sparse and consists of mesquite, shinnery and native grass. Wildlife consists of coyotes, rabbits, rodents, reptiles, dove, quail and crows.

Ponds and Streams: None

Multi-Point Surface Use and Operations Plan - page 3

Archeological, Historical and Cultural Sites: None observed in the area.

Land Use: Grazing and hunting in season.

Surface Ownership: United States of America

12. Operator's Representatives:

The field representatives responsible for assuring compliance with the approved surface use and operations plan are as follows:

Lewis B. Burleson
Box 2479
Midland, Texas 79702
915-683-4747

Wayne Jarvis
Box 2479
Midland, Texas 79702
915-683-4747

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 the work associated with the operations proposed herein will be performed by myself and my contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

January 29, 1980


Wayne Jarvis Drilling Superintendent

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

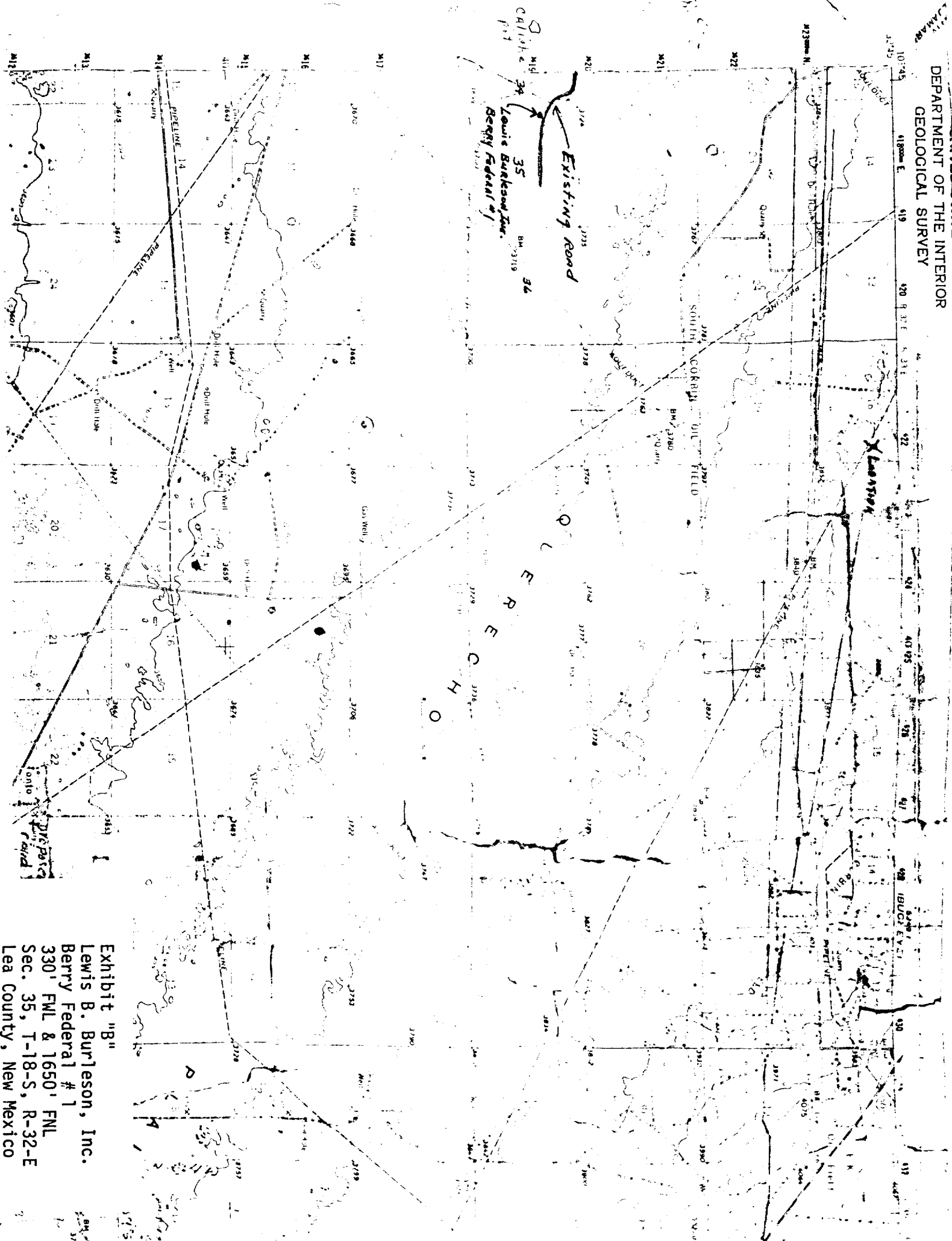
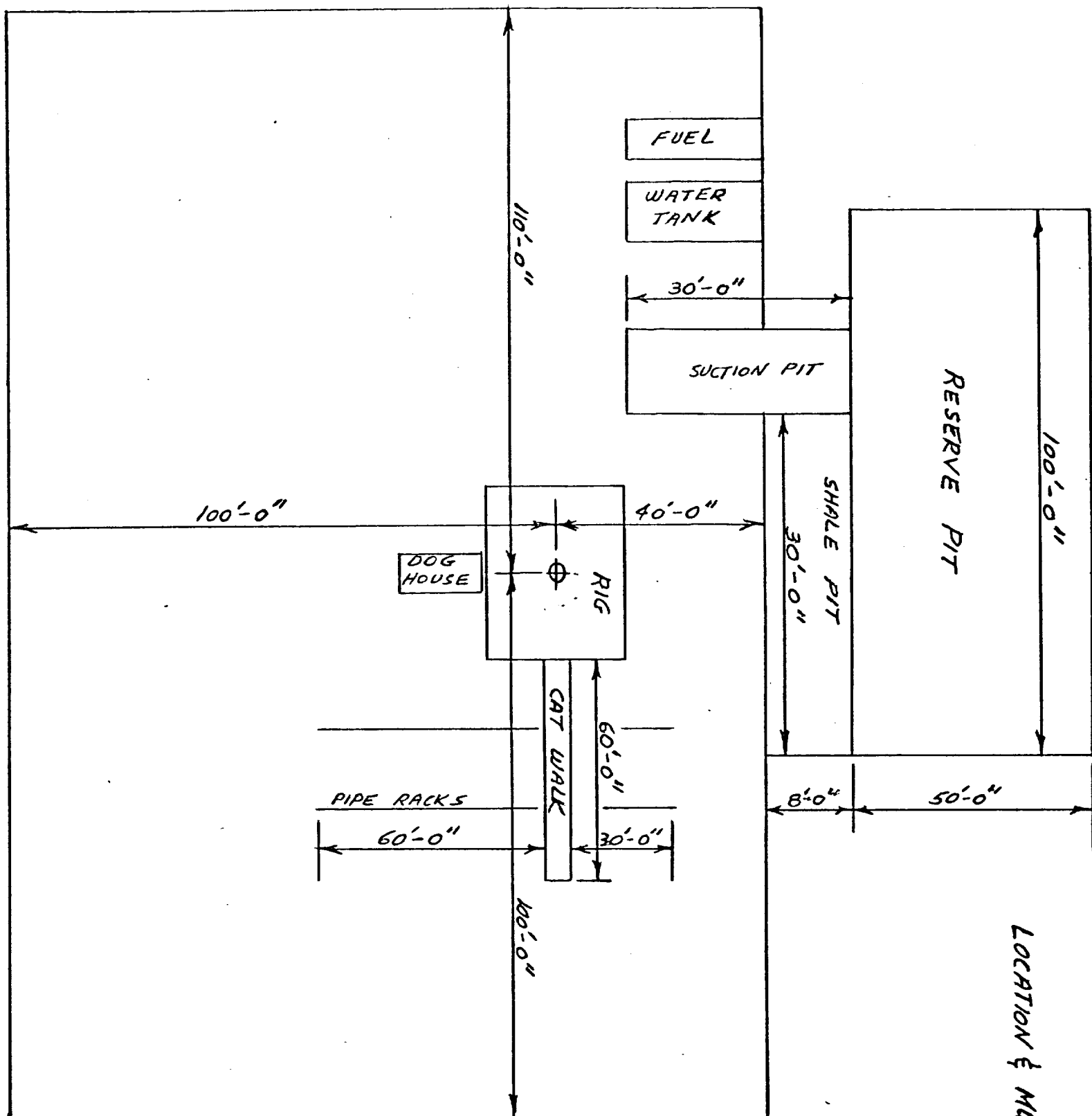
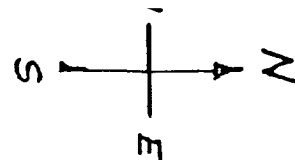


Exhibit "B"
Lewis B. Burleson, Inc.
Berry Federal #1
330' FWL & 1650' FNL
Sec. 35, T-18-S, R-32-E
Lea County, New Mexico



LOCATION & MUD PIT SPECS.

Exhibit "C"
 Lewis B. Burleson, Inc.
 Berry Federal # 1
 330' FWL & 1650' FNL
 Sec. 35, T-18-S, R-32-E
 Lea County, New Mexico

BLOWOUT PREVENTER SPECIFICATION

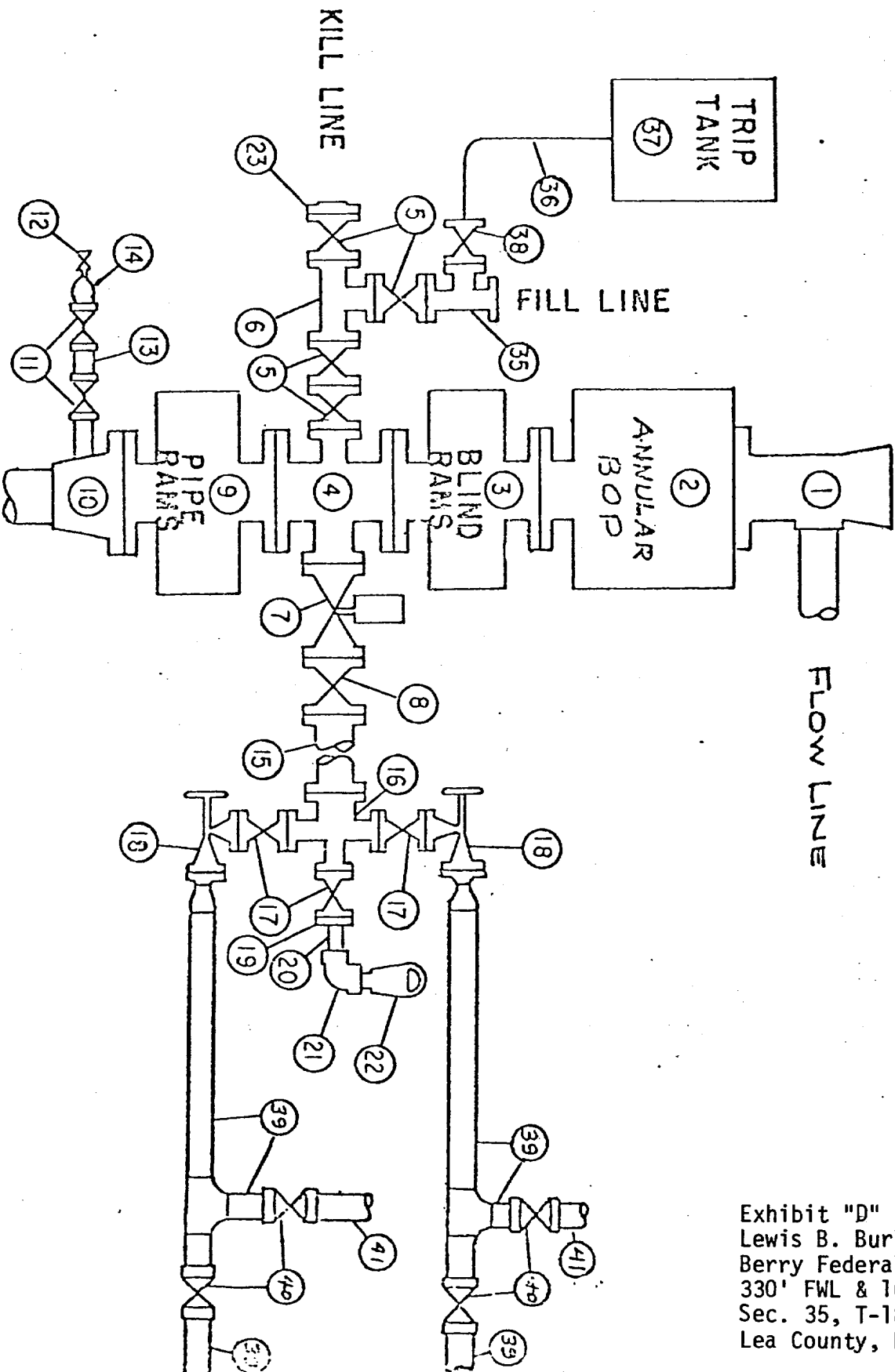


Exhibit "D"
 Lewis B. Burleson, Inc.
 Berry Federal # 1
 330' FWL & 1650' FNL
 Sec. 35, T-18-S, R-32-E
 Lea County, New Mexico

U.S. CONSTITUTION

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175