

NMOCC COPY

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22446

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

WILLIAM A. & EDWARD R. HUDSON

3. ADDRESS OF OPERATOR

Box #198, Artesia, New Mexico 88210

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

At surface 25' from north and 1345' from east lines,
Sec. 25-17S-31E.
At proposed prod. zone

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

5 miles west of Maljamar, New Mexico

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1345'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

900'

16. NO. OF ACRES IN LEASE

800

19. PROPOSED DEPTH

3900'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

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

3891 gr.

22. APPROX. DATE WORK WILL START*

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"	32#	710'	450 sx. Class C
7-7/8"	5 1/2"	15.5#	3900'	500 sx. Class H

It is proposed to complete well in the Grayburg-San Andres formations.

Production string will be cemented through pays, perforated and treated.

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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

Raymond L. Gray

TITLE Consulting Engineer

DATE Jan. 31, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

MAR 6 - 1978

APPROVED BY

Lee H. Lamm

TITLE

ACTING DISTRICT ENGINEER

DATE

MAR 6 - 1978

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS

ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES JUN 6 - 1978

*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

Owner William A. & Edward R. Hudson		Lease Puckett "B"		Acres 27
Section B	Section 25	Township 17 South	Range 31 East	County Eddy
Actual Surface Location of Well: 25 feet from the North line and 1345 feet from the East line				
Ground Level Elev. 3890.6	Producing Formation Grayburg-San Andres	Foot Maljamar (GB-SA)	Date this Acreage 4 1/2	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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?

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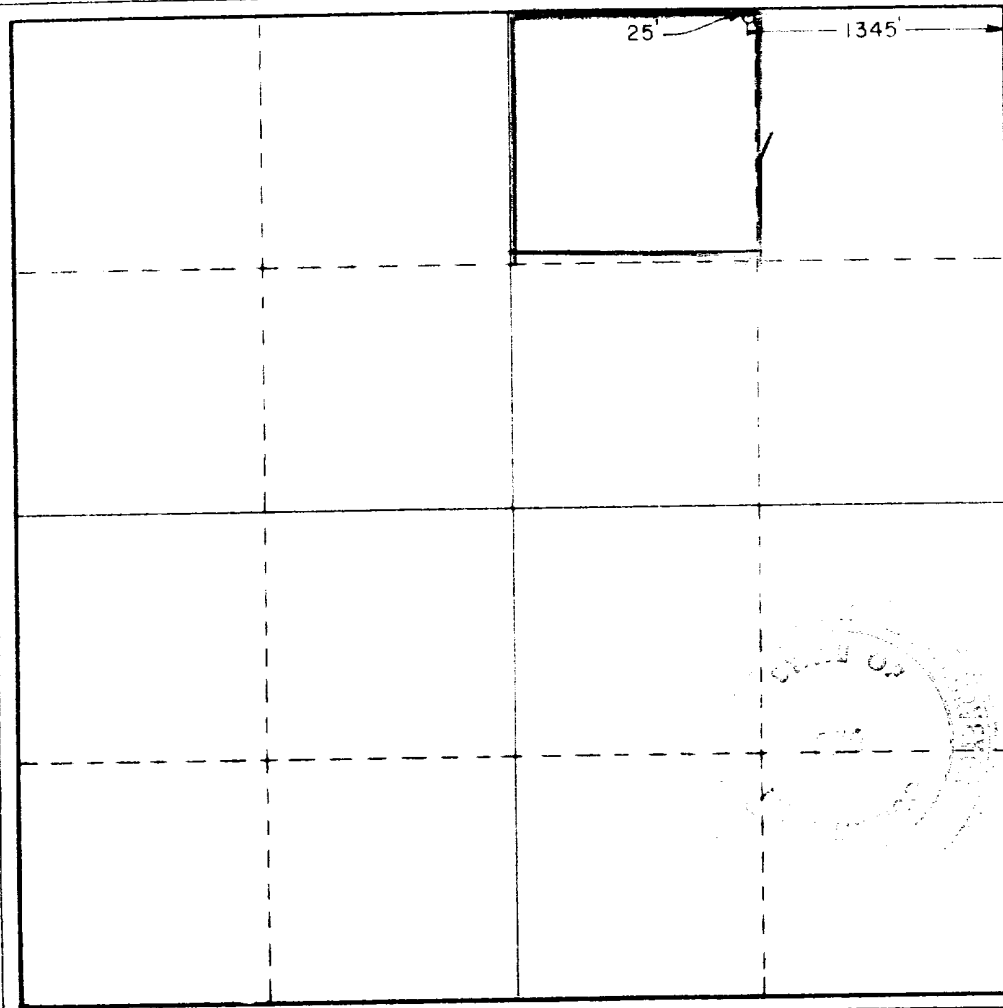
JAN 31 1978

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☐ 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.

By *Ralph L. Gray*
Consultant

Date *Jan. 31, 1978*

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 **Jan. 25, 1978**

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson

Certificate No. **John W. West 676**
Ronald J. Eidson 3239

SURFACE USE AND OPERATIONS PLAN

WILLIAM A. & EDWARD R. HUDSON

Puckett "B", Well #27
25' FNL and 1345' FEL
Eddy County, New Mexico
Lease No. LC-029415-B
(Development Well)

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Following is the Surface Use and Operations Plan for the drilling of the William A. & Edward R. Hudson - Puckett "B" well #27, located as shown above.

1. & 2. EXISTING ROADS AND PLANNED ACCESS

Exhibit "A" shows a map of the general area. The location of well can be reached by going west from Maljamar, New Mexico on U.S. Highway #82, a distance of approximately 4-1/3 miles. Turn south eastward at cattle guard marked by a "Hudson" sign. Go approximately 9/10 of a mile on dirt road, then go south approximately 1/4 of a mile. Turn west on lease road for 1/8 mile, then turn south and go approximately 5/8 of a mile. Turn west on new road and go about 700' to location. Exhibit "B" shows a more detailed map, scale 1" = 1,000'. This map shows wells, roads, tank batteries, camp, office, water injection plant, and flow lines.

3. LOCATION OF EXISTING WELLS

Wells are shown on both Exhibits "A" and "B". On Exhibit "B", producing wells are indicated by solid dots and water injection wells are indicated by circles.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Proposed well location is shown on Exhibit "B" by the red circle. Fluids produced from well will go to present tank battery and new flow line connecting well into present gathering system is shown by the blue dashed line. Flow line will be buried.

5. LOCATION AND TYPE OF WATER SUPPLY

Water for drilling the well will be obtained from a water supply tank, located 1/4 mile to the north. A temporary line will be laid on the surface from well to tank. If supply is not adequate, another line may be laid to water injection system.

6. SOURCE OF CONSTRUCTION MATERIALS

Caliche for surfacing access road and location pad will either be obtained near well location, or will be obtained from an existing pit located about 1/8 mile northeast of location. The pit is located on Federal land.

7. METHOD OF HANDLING WASTE DISPOSAL

- A. Drill cuttings will be disposed of in drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Oil produced during tests will be stored in test tanks, or stored in battery 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 buried in separate trash pit and covered with a minimum of 24 inches of dirt. Location of trash pit is shown on Exhibit "C".
- F. All trash and debris will be buried or removed from well site within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES

None.

9. WELLSITE LAYOUT

- A. Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit and location of major rig components.
- B. Only minor levelling of the well site will be required.

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 wellsite in as good a condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment of the well, surface restoration will be in accordance with agreement with the surface owner. Pits will be filled and location cleaned. The pit area, well pad, and all unneeded access roads will be ripped to promote revegetation. Rehabilitation should be accomplished within 90 days after abandonment.

11. OTHER INFORMATION

- A. Topography: Land surface is relatively flat with small hill areas and sand dunes.
- B. Soil: Soil is deep sand underlain by caliche.

- C. Flora and Fauna: The vegetative cover is generally sparse and consists of mesquite, yucca, shinnery oak and very little native grass. Wildlife is typical of semi-arid desert land and includes 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: There are personal dwellings, office and waterflood plant in the north half of Section 24, as shown on Exhibit "B".
- F. Land Use: Grazing and hunting in season, although the principal use is production of oil.

12. OPERATOR'S REPRESENTATIVE

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

Mr. Dwaine Howard
1007 West Dallas Avenue
Artesia, New Mexico 88210
Home Phone: 746-9489
Office Phone: 676-2266

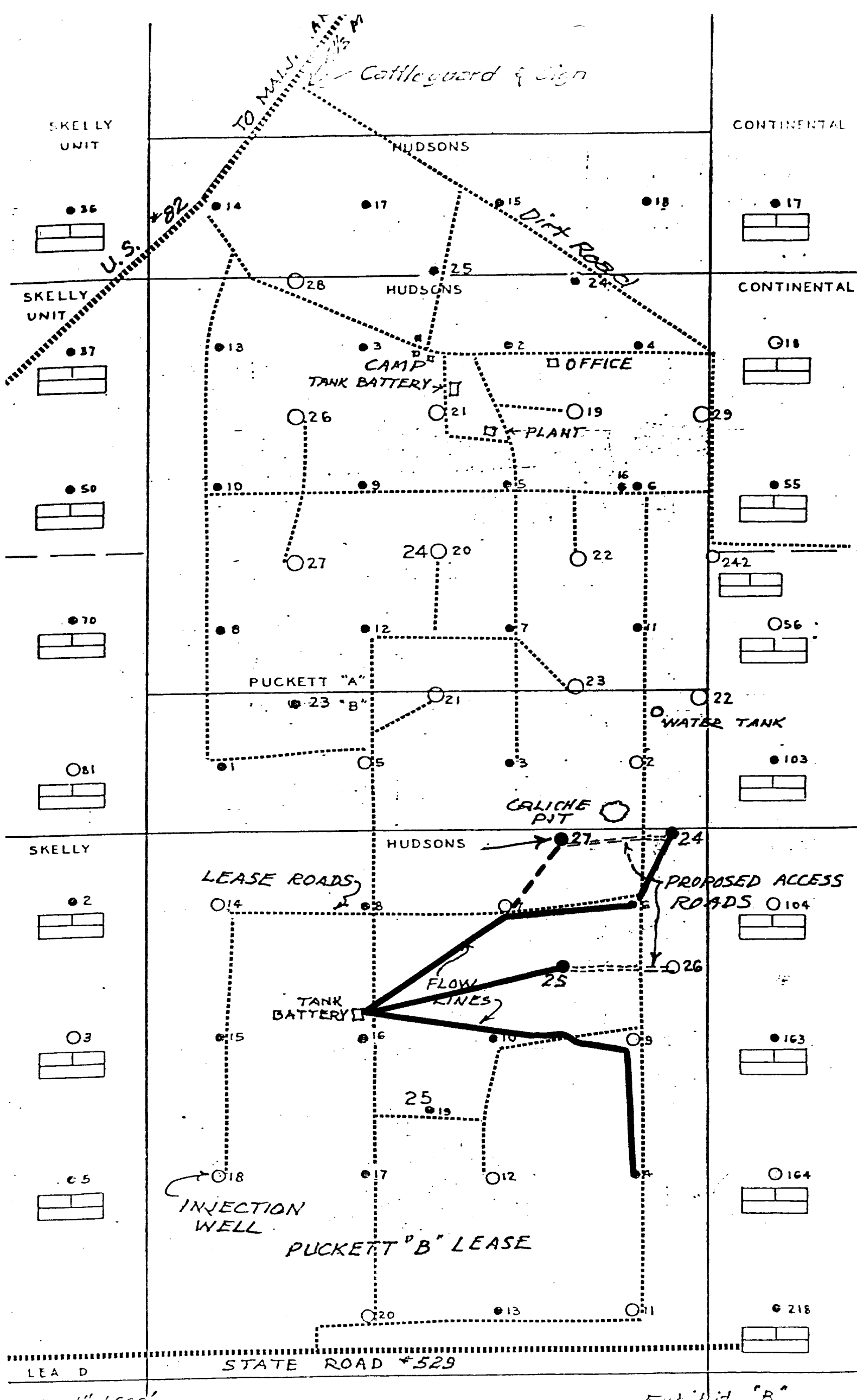
13. CERTIFICATION

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 William A. & Edward R. Hudson and their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Jan. 31, 1978
Date

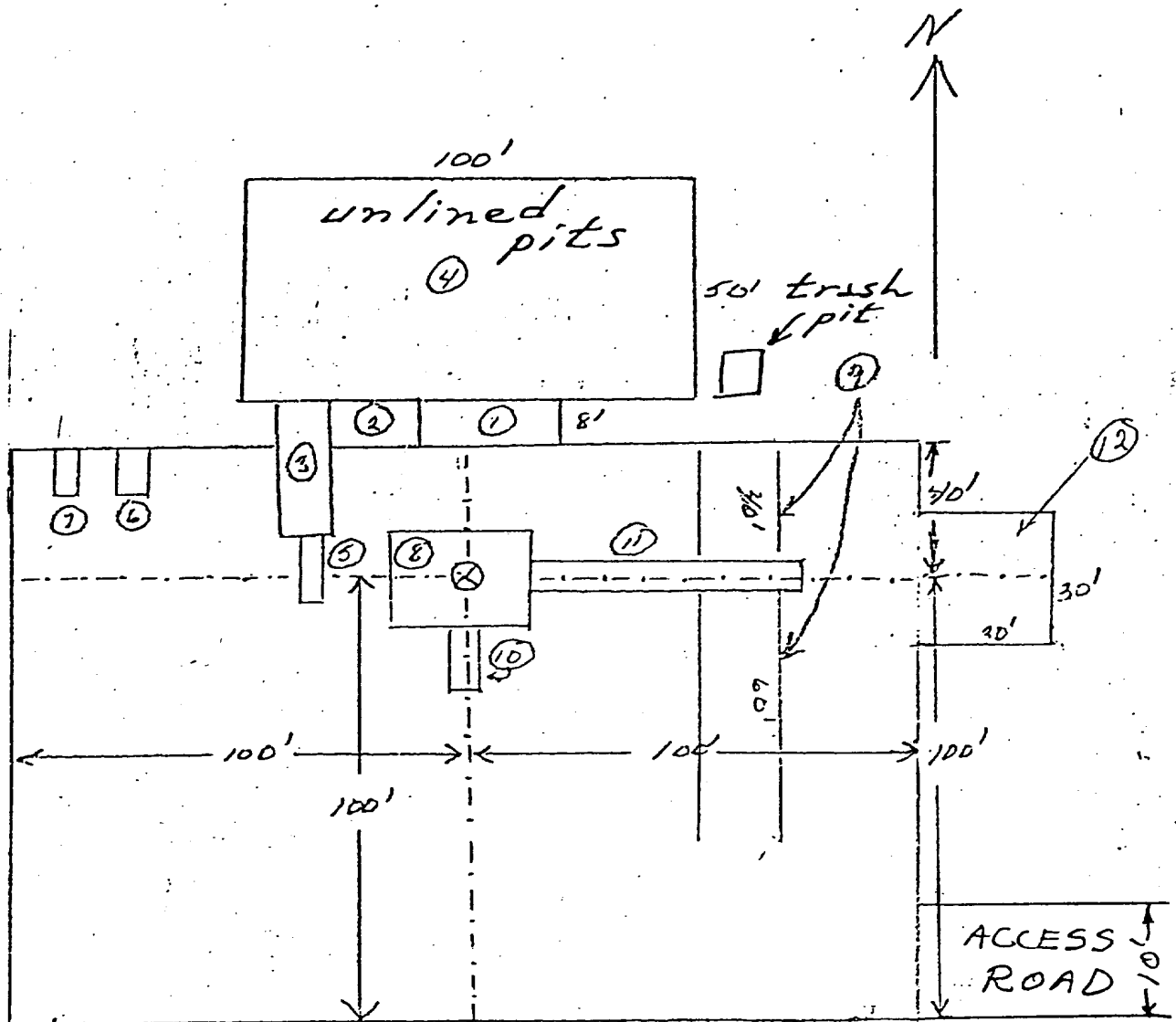
Ralph L. Gray
RALPH L. GRAY
Consulting Engineer.

[illegible]



Field "B"

WEK DRILLING CO., INC.
RIG #1 LOCATION & MUD PIT SPECS.



- | | |
|----------------------------|-------------------|
| (1) Shale Pit 30' x 8' | (6) Water Tank |
| (2) Mud Pit 20' x 8' | (7) Fuel Tank |
| (3) Suction Pit 30' x 8' | (8) Rig |
| (4) Reserve Pit 100' x 50' | (9) Pipe Racks |
| (5) Pump | (10) Dog House |
| | (11) Cat Walk 60' |
| | (12) Stinger |

Schaeffer Type E 10" Series 900 Hydraulic BOP. The waste and debris from this well will be disposed of in a reserve pit and covered up.

Exhibit C