

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-01521042

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

9392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

T233-R22E Sec. 4

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Brainerd Corporation ✓

3. ADDRESS OF OPERATOR

Box 1936 Roswell, New Mexico 88201

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

At surface

660' FNL & 1980' FEL of Section 4

At proposed prod. zone

Same

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

25 miles WSW of Carlsbad, New Mexico

O.C.C.

ARTESIA OFFICE

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

2462.81

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

19. PROPOSED DEPTH

10,000

20. ROTARY OR CABLE TOOLS

Rotary

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

4488 GR

22. APPROX. DATE WORK WILL START*

Dec. 21, 1973

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48	250	225sx - circulated
12-1/4"	9-5/8"	40	1850	750sx - circulated
8-3/4"	7" prod.	23, 26 & 29	10,000	250sx

Well is to be drilled to test Morrow Sands at total depth.

See attached plats and mud program.

Yellow Jacket BOP by top of Wolfcamp or 5500'.

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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

KCHHvenor

TITLE

Agent

DATE

Nov. 29, 1973

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JUN 22 1973

TITLE

APPROVED
DEC 1 1973
H. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAR 12 1974DECLARED WATER BASIN
1375
CEMENT BEHIND THE SIDE
CASING MUST BE CIRCULATED
28NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING

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DISTRIBUTION DIVISION

**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.

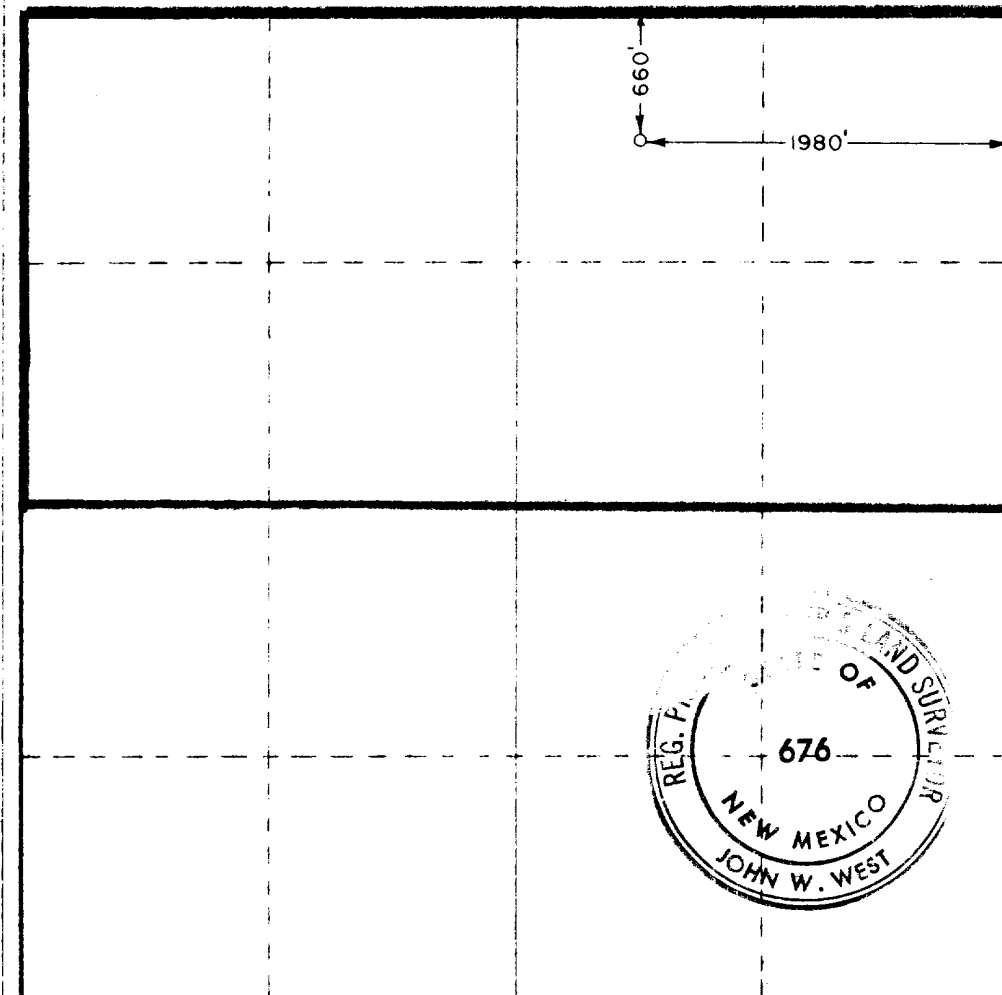
Operator BRainerd CORPORATION			Lease FEDERAL		Well No. 1
Unit Letter B	Section 4	Township 23 SOUTH	Range 22 EAST	County EDDY	
Actual Footage Location of Well:					
660 feet from the NORTH line and		1980 feet from the EAST line			
Ground Level Elev. 4488.0	Producing Formation <i>Morrow</i>	Pool <i>Unit 1 through 4 Morrow</i> Wildcat		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

K C Haveror
K. C. Haveror

Position

Agent

Company

Brainerd Corp.

Date

11-30-73

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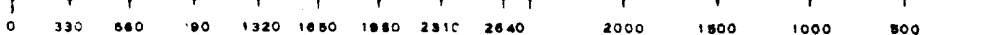
Date Surveyed

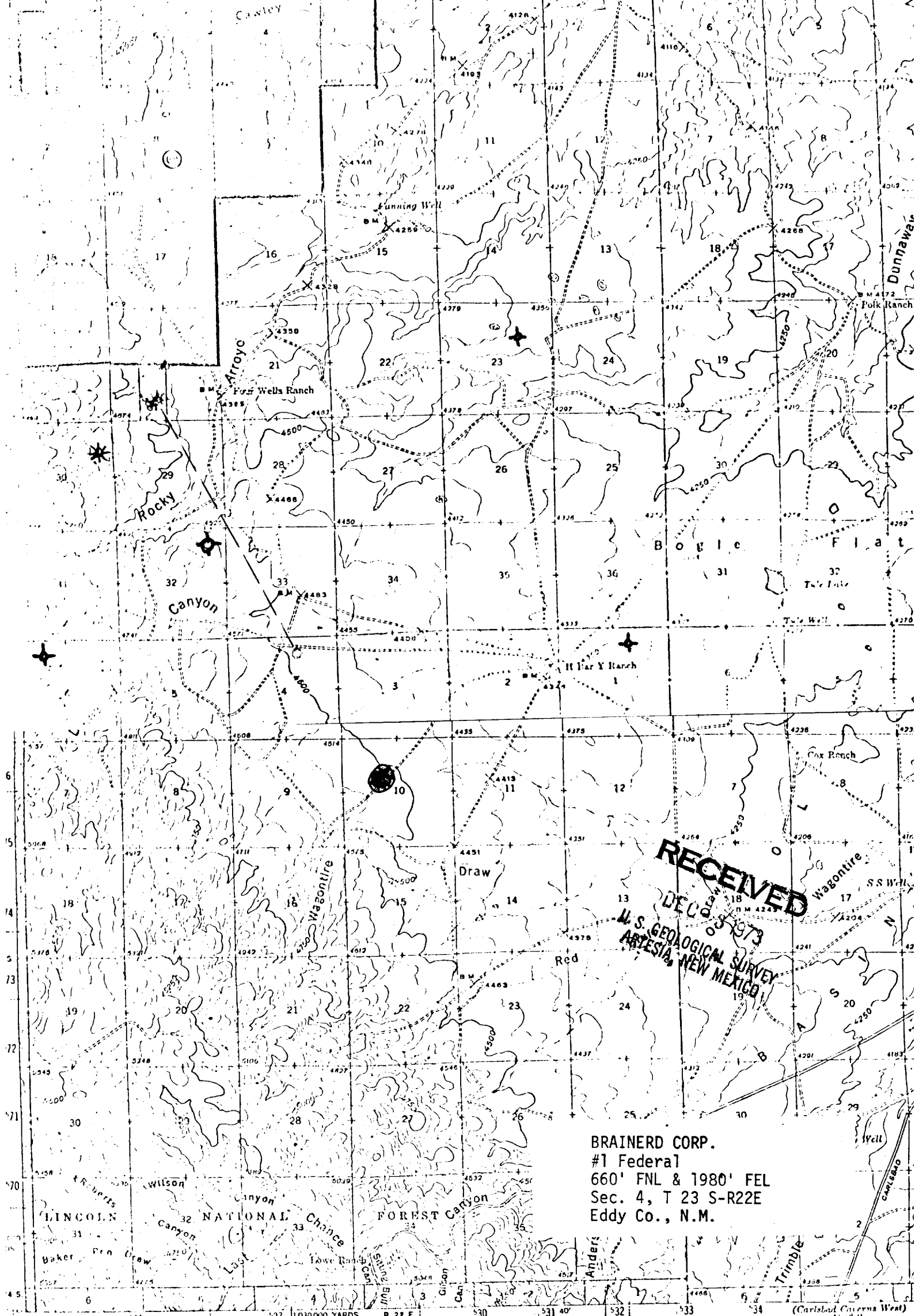
November 29, 1973

Registered Professional Engineer and/or Land Surveyor

Certificate No.

676

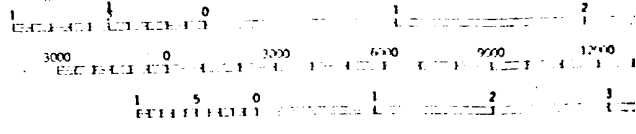
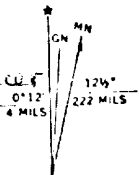




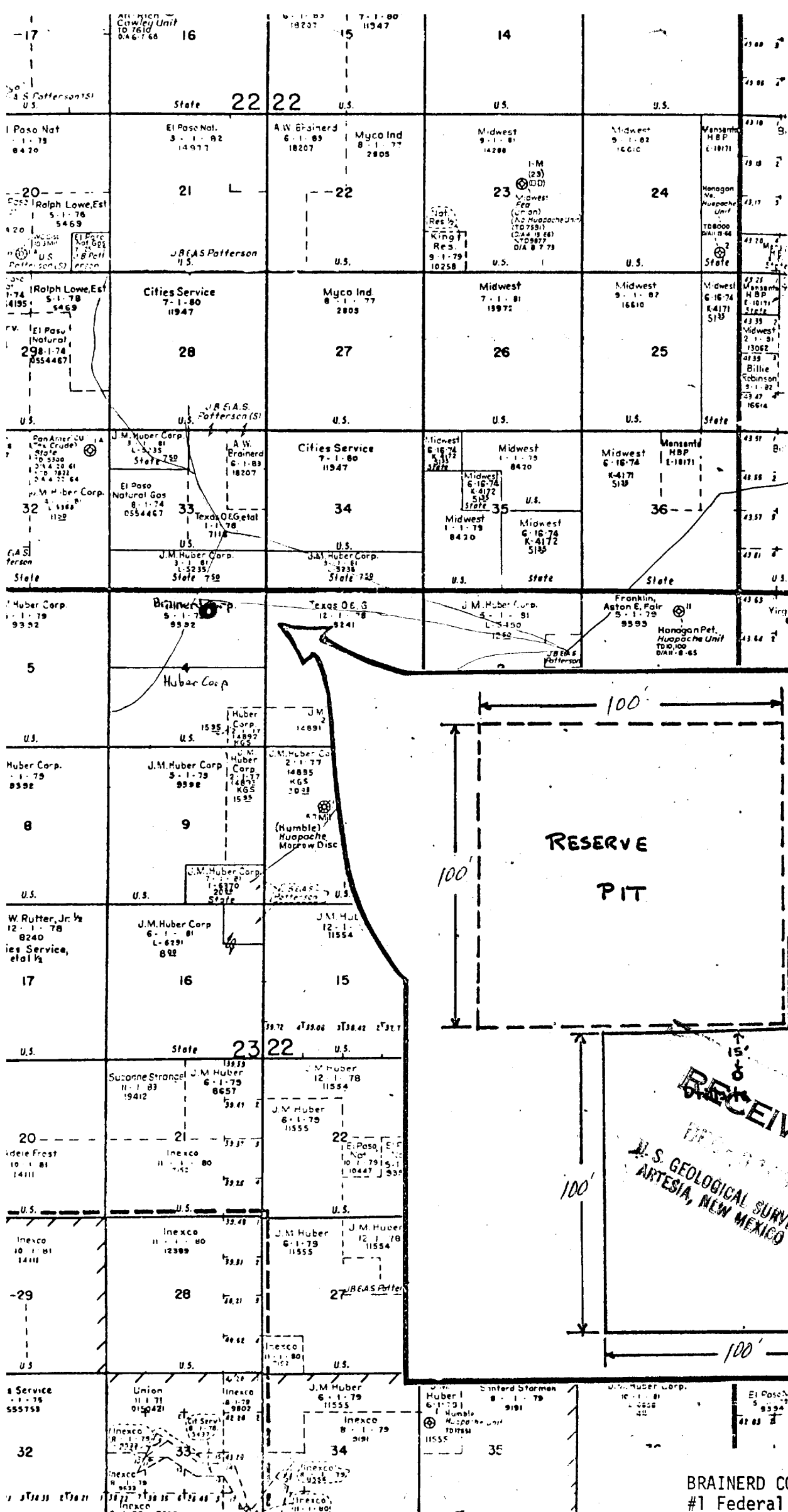
BRAINERD CORP.
#1 Federal
660' FNL & 1980' FEL
Sec. 4, T 23 S-R22E
Eddy Co., N.M.

Topography by C. R. Fisher, T. T. Ranney,
M. C. McClellan, C. E. Walker, and L. M. Stevenson
Surveyed in 1940

- ⬤ dry hole
- * gas producer
- ⊛ abandoned gas producer
- == existing roads
- water line



Contour interval 50 feet
Datum is mean sea level



BRAINERD CORP.
#1 Federal
660' FNL & 1980' FEL
Sec.4, T 23S-R22E
Eddy Co., N.M.

CHECK LIST - PURSUANT TO U.S. GEOLOGICAL
SURVEY INSTRUCTIONS OF Sept. 1, 1973 FOR
SUBMITTAL WITH APPLICATIONS TO DRILL

1. Existing roads. Plat Attached
2. Planned access roads. About 100' from existing road to location
3. Location of wells. Plat
4. Lateral roads to wells locations. None within 1 mile radius
5. Location of tank batteries and flowlines. Location well site
6. Locations and types of water supply. Well 2 1/2 miles NW - see plat
7. Methods for handling waste disposal. None - gas well. Cuttings buried.
8. Location of camps. None
9. Location of airstrips. None
10. Location layout. Plat Attached. Anticipate compacting surface.
11. Plans for restoration of the surface. In accordance with usual practice
12. Other information. None
13. Mud Program. See Separate attachment
14. Blowout preventer system. Shaffer Type LWS. Series 900 double BOP

Development Plan for Surface Use contact

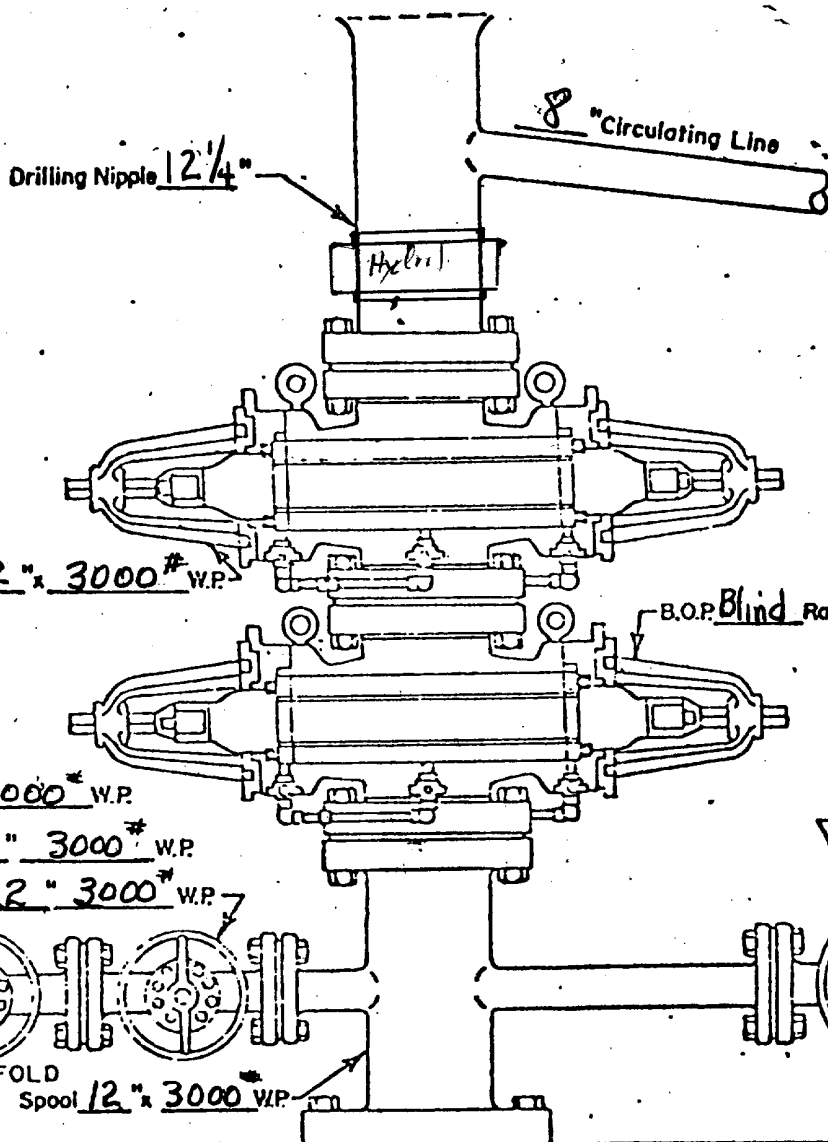
K. C. Havenor
505-623-7184 (Roswell, N.M.)

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JAN 10 1967
U.S. DEPARTMENT OF THE ARMY
WASHINGTON, D.C.

DKHINERD CORP.

WELL NAME: #1 Fede. 31
LOCATION: 660' FNL & 1980' FEL
Sec. 4, T23S-R22E Eddy Co. NM



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SURFACE
WELL HEAD B.O.P.
3000 #W.P.

SHAFFER Type LWS
12" x 900 Series

- ☐ Manual
☒ Hydraulic

Brainerd Corperation
#1 Federal
Sec. 4, T23S - R22E
Eddy Co., New Mexico

Depth	Mud Program		ApI Filtrate
	Weight	Viscosity	
0-250	8.5-8.7	36-40	No Control
Spud with fresh water and spudmud. Paper, fiber, and cottonseed hulls for lost circulation.			
250-1850	8.4-8.6	27-28	No Control
Fresh water drilling. Dry drill if lost circulation.			
1850-5500	8.4-8.6	27-28	No Control
Drill with fresh water. Lime for pH control.			
5500-10,000	8.7-9.0	42-44	10cc
Mud-up and drill to TD.			

Pit level indicator and flow line sensor sill be used below the top of Wolfcamp or 5500'.

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