

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

Roger C. Hanks

3. ADDRESS OF OPERATOR

P. O. Box 3148, Midland, TX 79701

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

At surface

1980' FSL & 1980' FEL

At proposed prod. zone

Cisco Canyon

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

Approx. 8 mi. West & 2 mi. North of Artesia, N.M.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1980'

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

1320'

16. NO. OF ACRES

320

19. PROPOSED DEPTH

8000'

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Moran Bros., Inc.

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

3510.6 GR

22. APPROX. DATE WORK WILL START

Upon Approval

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"	32#	410'	200 SX
11"	8-5/8"	23# & 26#	1100'	600 SX

O. C. C.

Operator plans to drill the well to TD of approx. 8000' & test either by DST or log analysis. If information indicates zone is productive of oil and/or gas, the operator plans to run 8-5/8" csg, cement same, perforate and acidize for production tests. If dry hole is indicated, well will be plugged and abandoned in accordance with Federal Rules and Regulations.

- BOP Program - Two Shaffer Hydraulic preventors and one Hydril "GK" w/3000 psi W.P. ratings. Sufficient mud wt to contain formation at all times. (See complete diagram on attachment).
- Mud Program - Native mud to 4000'. Good sample mud from 4000' to 7000'. Low water loss mud (wt. 9.2-9.6) from 7000' to TD.

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

Roger C. Hanks

TITLE

Owner-Operator

DATE

April 9, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
MAY 15 1976
L. BEEKMAN
ACTING DISTRICT ENGINEER

SUBJECT TO ATTACHED DEEP WELL CONTROL REQUIREMENTS DATED JUN 22 1973

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMPLETED WITHIN 3 MONTHS.
See Instructions on Reverse Side
AUG 19 1976

NOTIFY US IN SUFFICIENT TIME TO
DECLARED WATER BASIN: THE
13 1/2' - 8 1/2'
C. L. D. THE
CASING MUST BE CIRCULATED

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

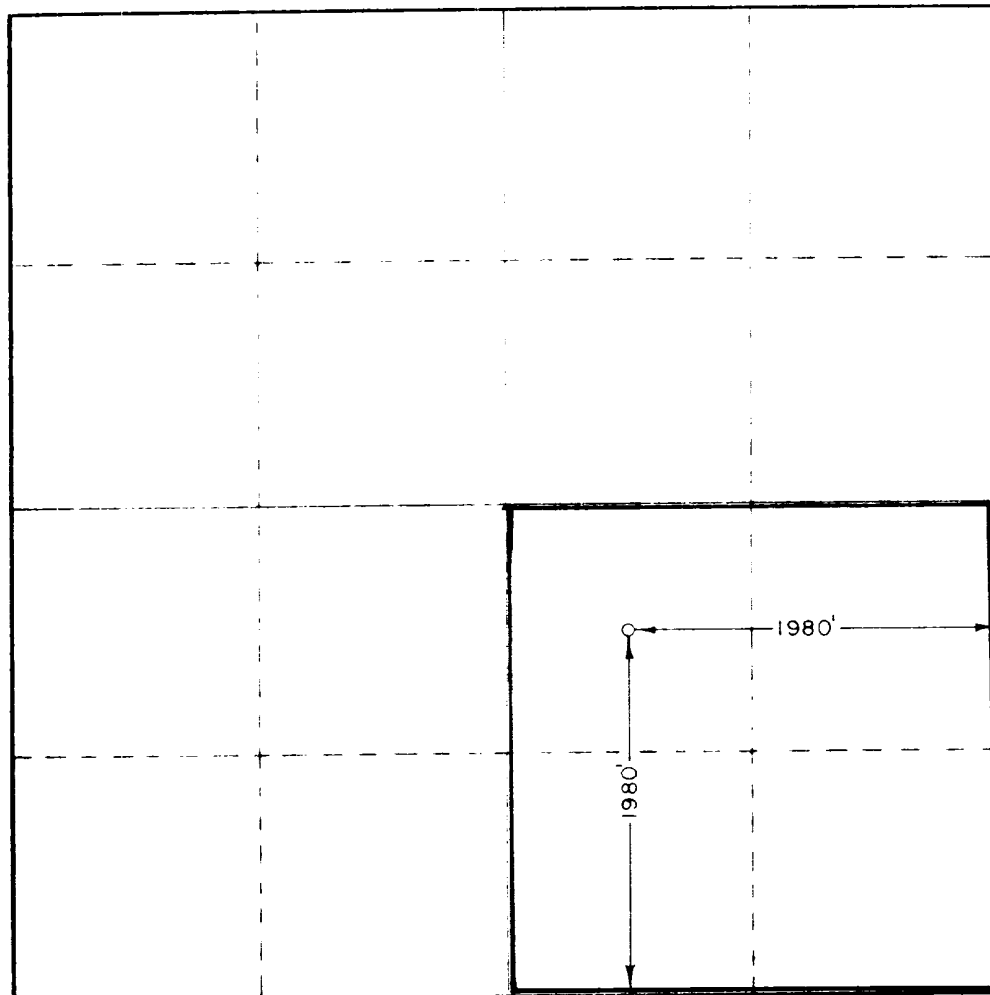
Operator Roger C. Hanks		Lease Barbara Federal		Well No. # 7
Unit Center J	Section 17	Township 19 South	Range 25 East	County Eddy
Actual Well Location of Well:				
1980	feet from the	South	line and	1980
				feet into the
				East
Ground Elev. 3510.6	Producing Formation Cisco Canyon		Pool North Dagger Draw- Upper Penn	Dedicated Acreage 160

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 Communitization

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 **Roger C. Hanks**

Position **Owner-Operator**

Company **Roger C. Hanks**

Date **April 9, 1976**

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 **January 10, 1978**

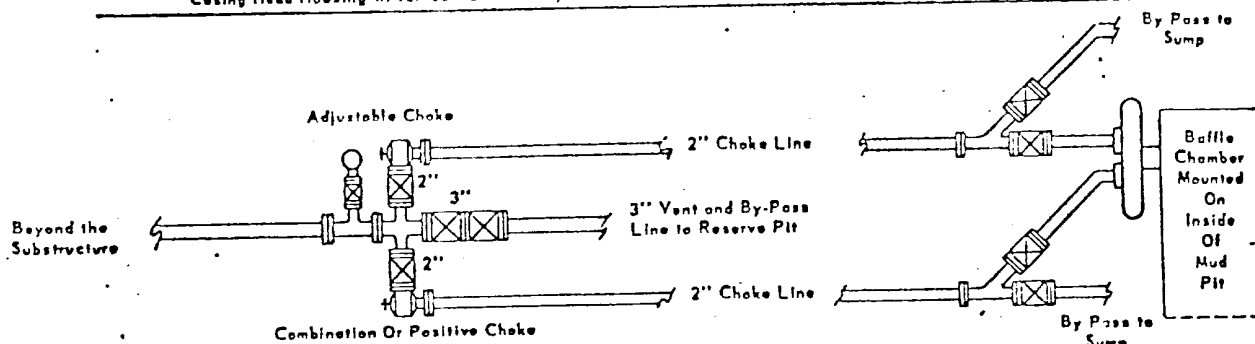
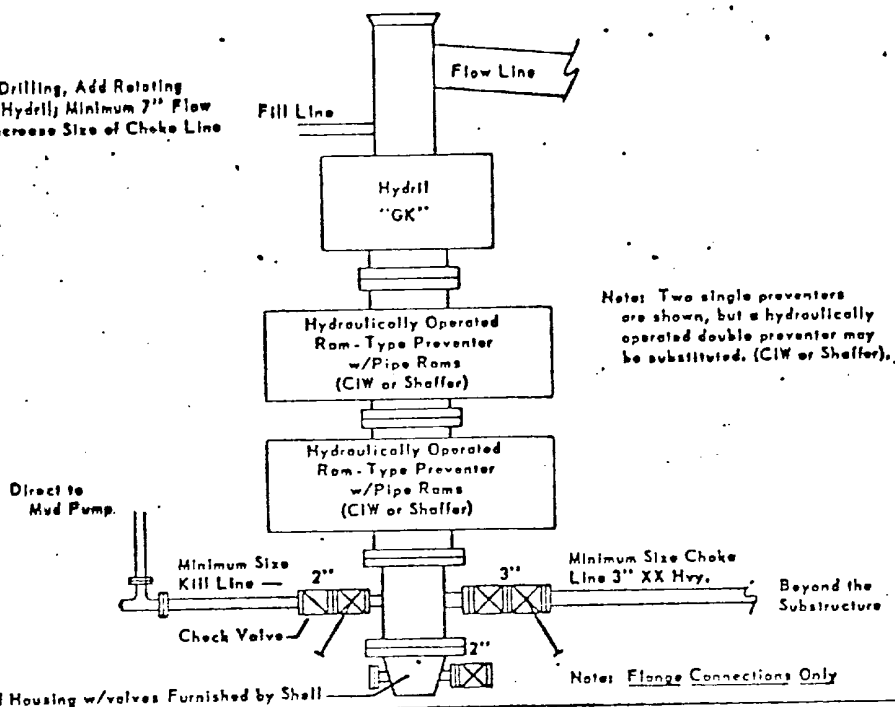
Registered Professional Engineer and Land Surveyor **676**

Certification **JOHN W. WEST**

MINIMUM BLOWOUT PREVENTER EQUIPMENT FOR HAZARDOUS INTERMEDIATE PRESSURE SERVICE

Class II (3000 psi WP - Series 900)

Notes: For Air Drilling, Add Rotating Head above Hydril Minimum 7" Flow Line, and increase Size of Choke Line to 4".



MINIMUM REQUIREMENTS

1. All BOP's, valves, fittings and lines shall have 3000 psi WP (Series 900) ratings.
2. All equipment from the top preventer to the outermost valve or choke shall be pressure tested to 3000 psi.
3. All valves employed must be gate type suitable for high pressure mud service.
4. Outside valves on spool that are 4" or longer shall be hydraulically operated.
5. The Cameron steel ring and a rubber "O" ring shall be required on all BOP Flange connections.
6. Replacement parts for chokes shall be available at rig.
7. All lines shall be securely anchored.
8. Casing wear ring shall be required when the BOP is larger than the nominal casing size.
9. An 80 gallon hydraulic accumulator with an operating pressure of 1500 psi shall be required.
10. Two control points (a master control manifold and a remote control manifold including Hydril regulator valves,) shall be properly equipped and connected to BOP's with steel lines.
11. Inside BOP and Kelly cock shall be provided.
12. BOP's shall have extensions for locking rams.
13. Outside valve on choke line and inside valve on kill line shall have extensions for operating valves.
14. Valve on casing head housing shall be used only in an extreme emergency.
15. Choke and vent line shall be streamlined with no abrupt turns or bends.

DEVELOPMENT PLAN FOR SURFACE USE

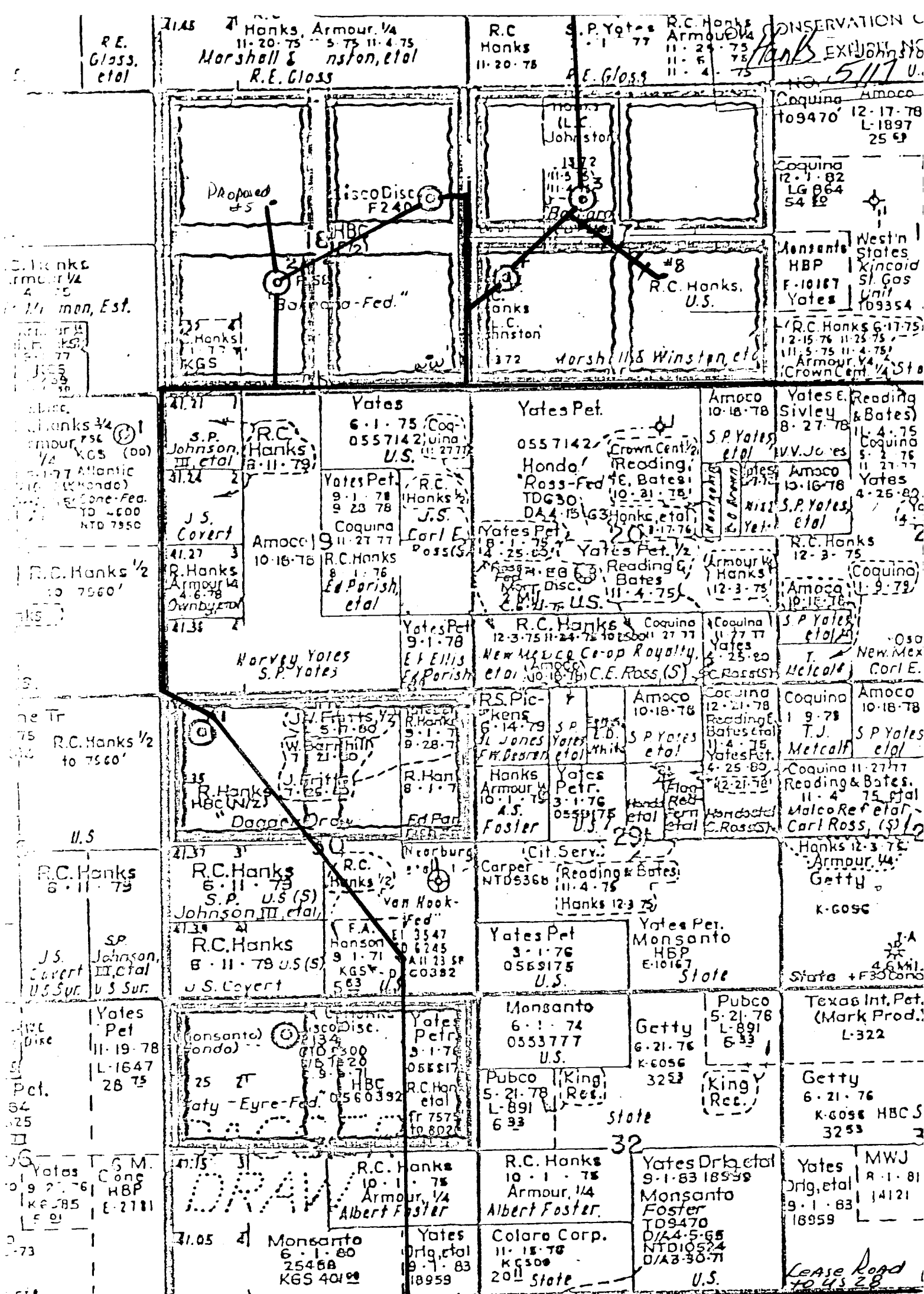
BARBARA FEDERAL ~~#8~~ 7

1. See Attachment A.
2. See Attachment A. (The planned access road will be 2640' long and 12' wide and will be compacted caliche.)
3. See Attachment A.
4. See Attachment A.
5. See Attachment B.
6. Same water supply used for drilling our #2 Barbara. Well is 759' deep. See attached plat (Attachment B) for exact location in Section 18.
7. Drilling waste will be completely contained in earthen pits. Any liquid will be allowed to evaporate. Pits will be re-covered with soil and area returned to its original condition.
8. N/A.
9. N/A.
10. See Attachments C and D.
11. Surface restoration plans:

Dry hole - location will be cleared of all debris, graded, covered with soil and returned to its original state.

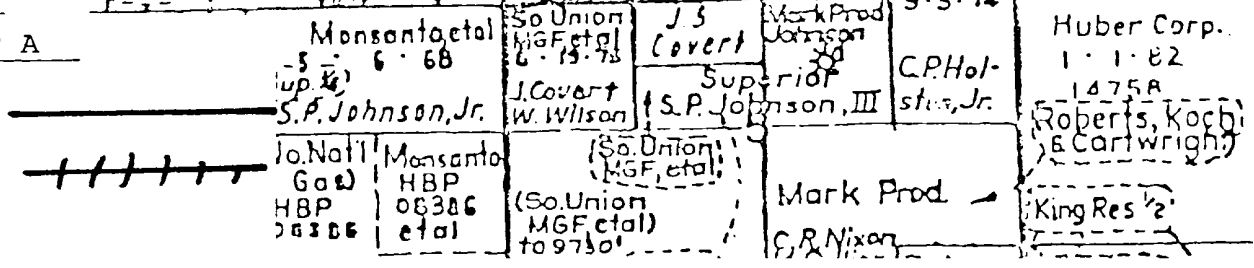
Producing well - location will be a completely level, rolled caliche, fenced area of neat appearance. It will be ditched to prevent loss of any possible leakage and should present no problem to man or animal.

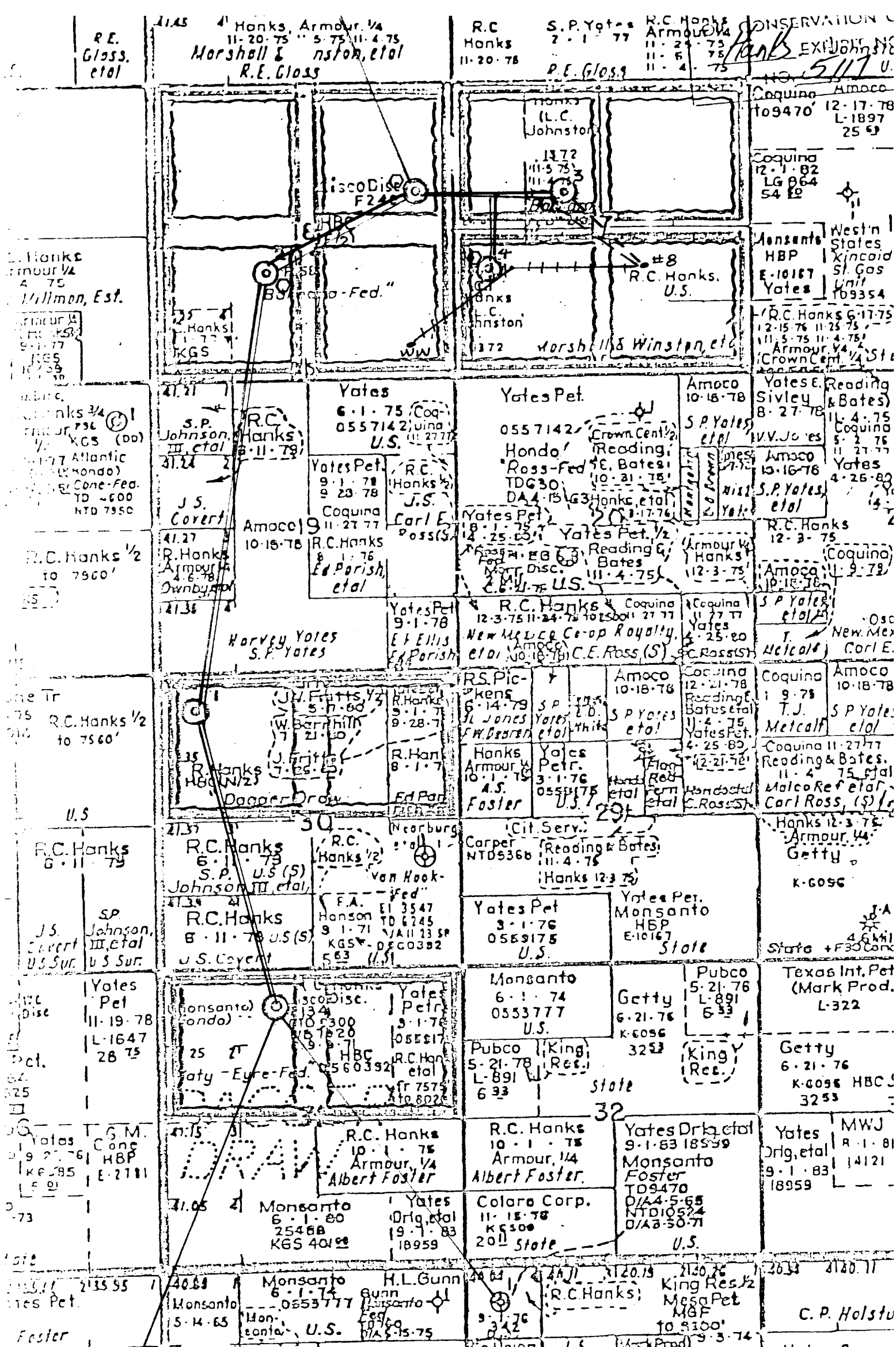
Field representative: Mr. Bobby Cone,
Mobil Number - (505) 365-2394



ATTACHMENT A

Existing Road
Access Road





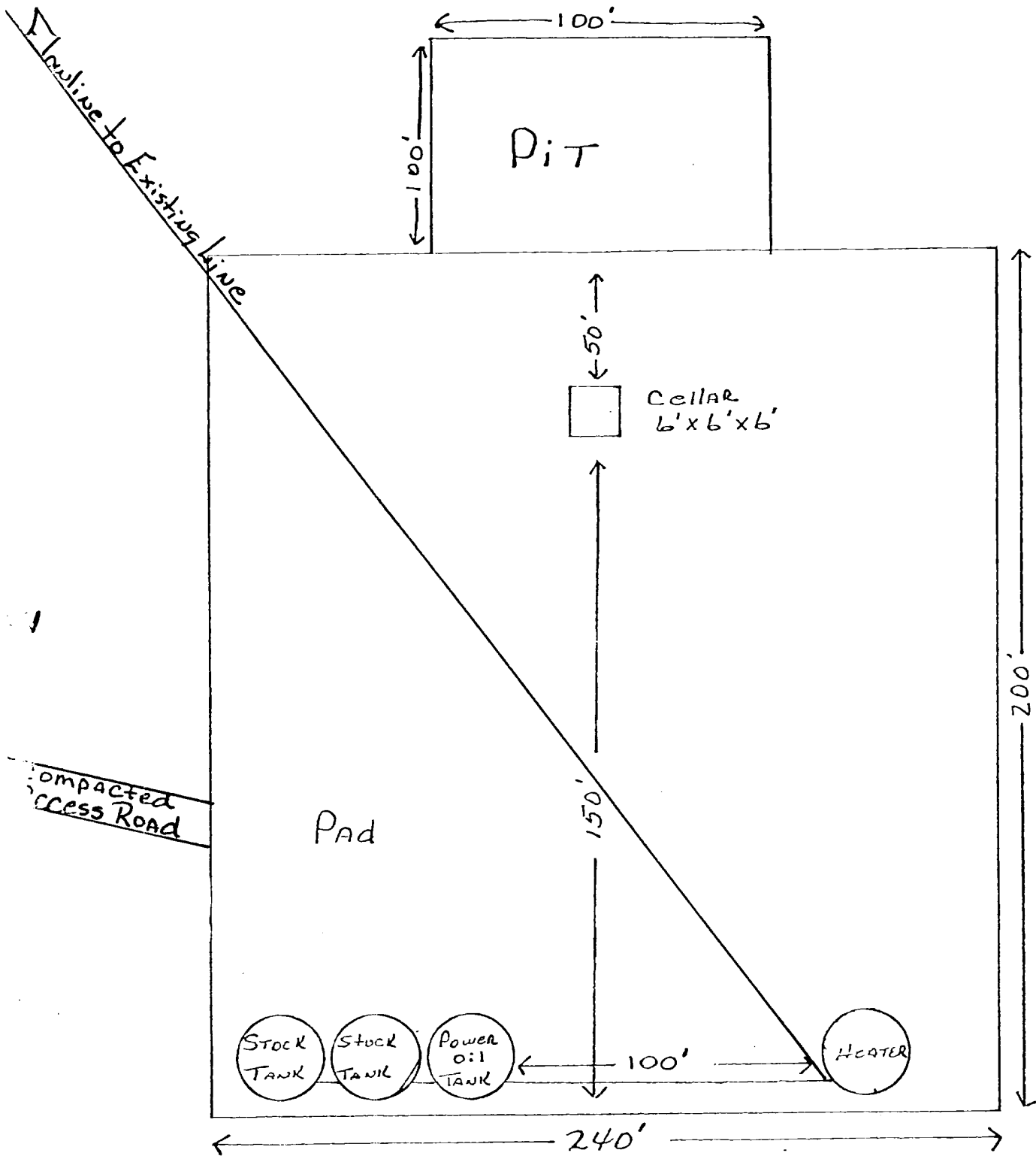
ATTACHMENT B

Gas Line
Proposed Gas Line
Water Line
Proposed Water Line
Wtr. Line for Drilg.
Tank Battery

Huber Corp.
1-1-82
1475A
Roberts, Koch
& Carlwright
King Res 1/2
C.P. Holstu
Mark Prod
C.R. Nixon
J.S. Johnson, III
Superior
S.P. Johnson, Jr.
W. Wilson
J. Covart
H.L. Gunn
Monsanto
H.B.P.
08386
etal
to 9730'

N

Attachment C



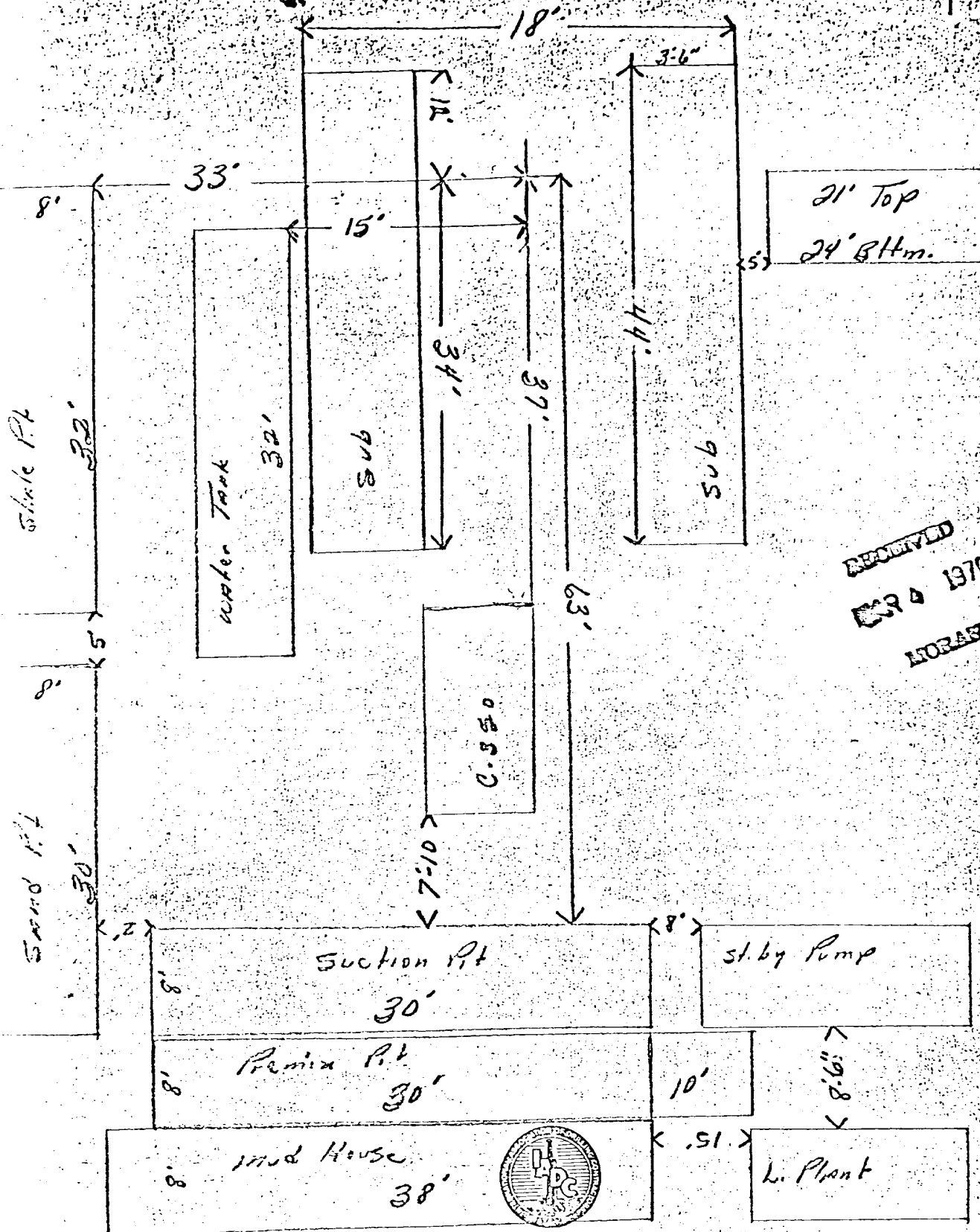
E

Pad will be compacted caliche

MORAN BROS., INC.

PETROLEUM BUILDING
WICHITA FALLS, TEXAS
70301

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RECEIVED
MAY 4 1970
MORAN