

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

Sam D. Area

3. ADDRESS OF OPERATOR

c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, New Mexico

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

At surface

2310' FWL & 2310' FWL of Sec. 23

At proposed prod. zone

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

6 miles NW Jal, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

660'

19. PROPOSED DEPTH

3300

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3344 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
12 1/4	8 5/8	32#	425	300 sacks, circulated
7 7/8	5 1/2	18.8#	3200	400 sacks

Blowout Preventor: See attached diagram.

Mud Program: 0 to 425', spud with floccal, bentonite & lime mixed to a high viscosity; 425' to 2900', drill out with fresh water & circulate thru controlled section of reserve pit, control seepage with additions of Floccal & paper; 2900' to 3300', return to steel pits & reduce fluid loss to 20 cc or less with starch, maintain weight 10.2#, viscosity 34 to 36, preservative when needed.

Cement Program: (1) 300 sacks class "C", 2% calcium chloride, circulated.
(2) 400 sacks class "N", 1/4% floccal/sack, 2% calcium chloride, estimated fill 1200'.

Completion: Conventional perforation & treatment.

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.

ORIG. SIGNED BY: BONNA HOLLER

Agent

8/29/75

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

12-9-75
See Instructions On Reverse Side

APPROVED

SEP 9 1975
JIM SIMS
ACTING DISTRICT ENGINEER

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

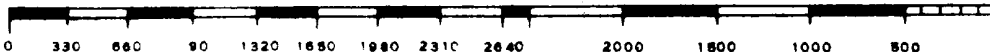
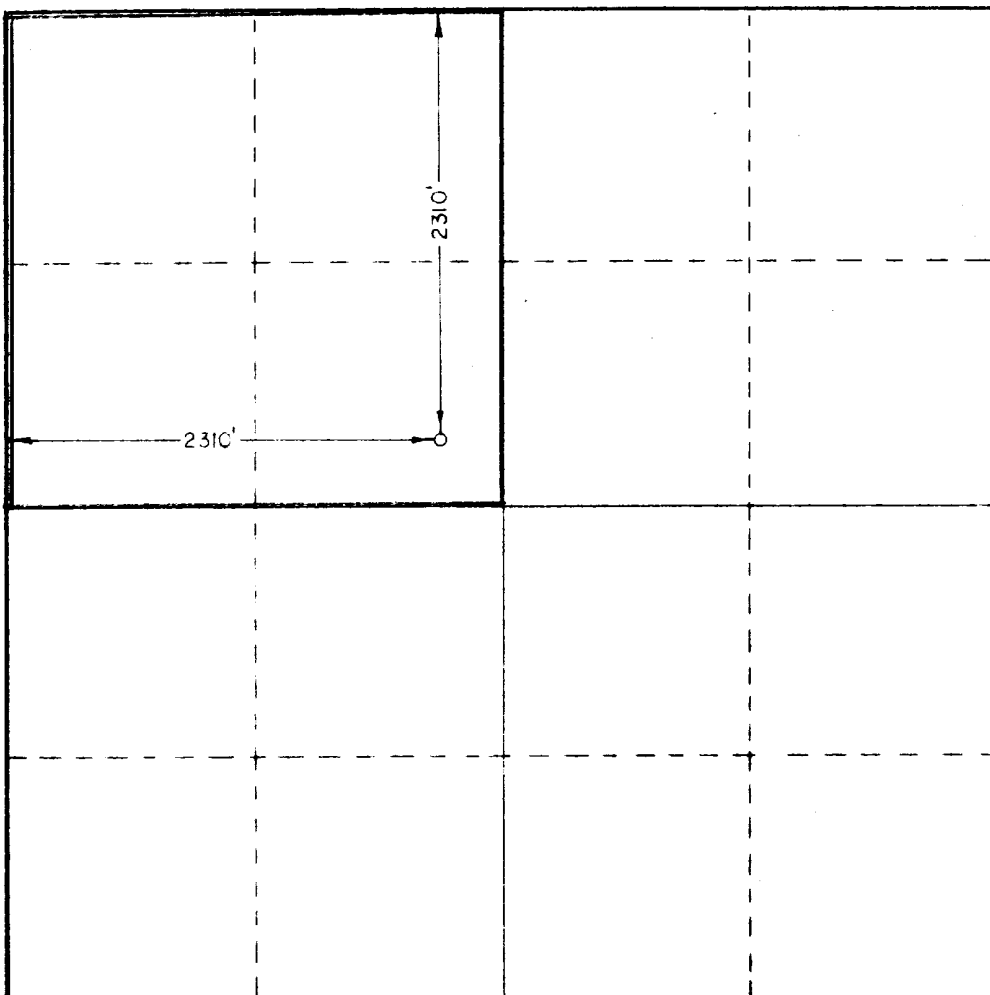
Operator Sam D. Ares			Lease Zette Cushing			Well No. 2		
Unit Letter F	Section 23	Township 24 South		Range 36 East	County Lea			
Actual Wellbore Location of Well:								
2310		feet from the North		line and	2310		feet from the West	
Ground Level Elev. 3344	Producing Formation Yates - Seven Rivers			Pool Jalnet	Dedicated Acreage: 40			Acreage

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 communization, 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 communization, 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: *Sam D. Ares*
Position: _____

Agent
Company _____

Sam D. Ares

Date: **August 29, 1978**

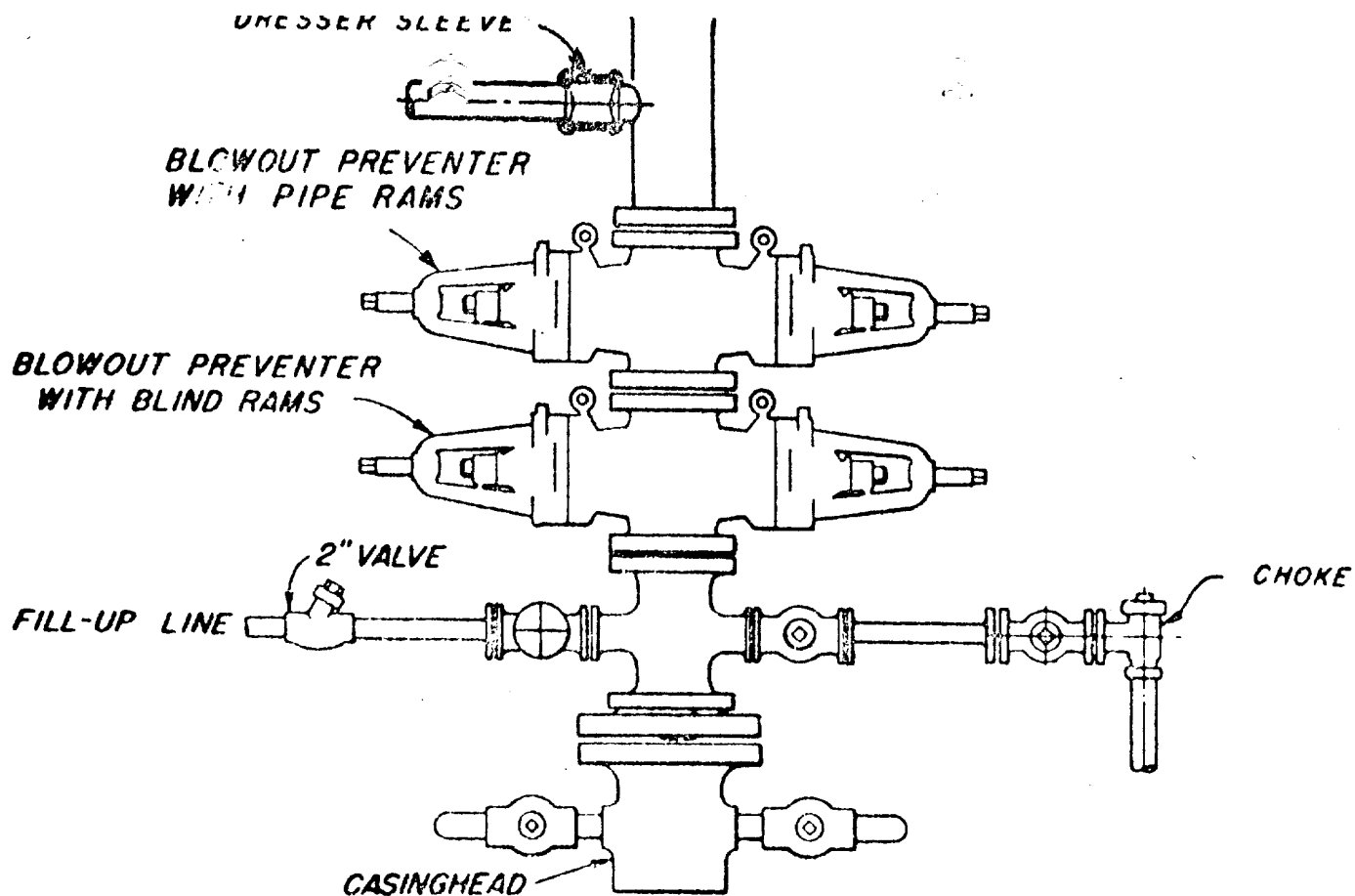
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **August 23, 1978**
Registered Professional Engineer and/or Land Surveyor: **676**
Certificate No. **JOHN W. WEST**

Attachment: Form 9-381 C
San D. Area
Zattu Cushing No. 2
Section 28, T24S, R36E
Lea County, New Mexico

DEVELOPMENT PLAN FOR SURFACE USE

1. Existing roads: See attached plat.
2. Planned access roads: None. South edge of drilling pad will be approximately 10' from existing road. Drilling pad to be 130' x 220'.
3. Location of existing wells: See attached plat.
4. Lateral roads: See attached plat.
5. Location of tank batteries and flow lines: See attached plat.
6. Location and type of water supply: Fresh water for drilling purposes to be hauled from Jal, New Mexico.
7. Methods for handling waste disposal: All cuttings, garbage and other trash to be placed in trash pit and covered with 24" soil.
8. Location of camps: None
9. Location of airstrips: None
10. Position of rig: See attached rig layout.
11. Plans for restoration of the surface: Pits to be filled and location levelled.
12. Other information: Location is in deep sand with sparse vegetation.

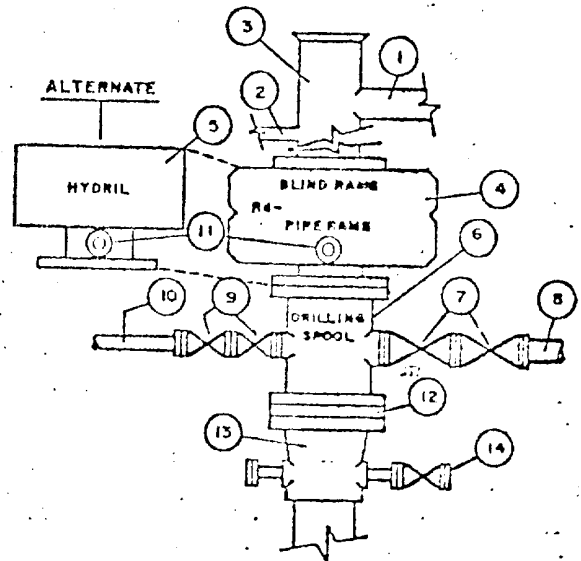


BLOWOUT PREVENTER HOOK-UP
2,000 psi Working Pressure
EXHIBIT D-2

Contractor and Operator to furnish items checked (x)

No.		Min. Size	Type	Press. Rating	Furnished by	
					Contr.	Oper.
1	Flowline	8 5/8"			X	
2	Fill up line	2"			X	
3	Drilling Nipple	11"			X	
4	Two single or one dual hydraulically operated CIW or Shaffer rams	10"		2000	X	
5	Hydril* (Alternate to #4)	10"	GK	2000	X	
6	Drilling spool with 2 " and 2 " outlets			2000	X	
7	Gate valves	2"	CIW "F" or equal	2000	X	
8	Line to choke manifold	2"		2000	X	
9	Gate valves	2"	CIW "F" or equal	2000	X	
10	Line to rig mud pump manifold	2"		2000	X	
11	" and " outlets in ram or Hydril. Run kill line & choke line from these outlets (Alternate to #6 above)	N/A				
12	Wear flange or bushing					
13	Casing Spool	*		*		X
14	Gate Valve	2"		2000		X

*or equivalent

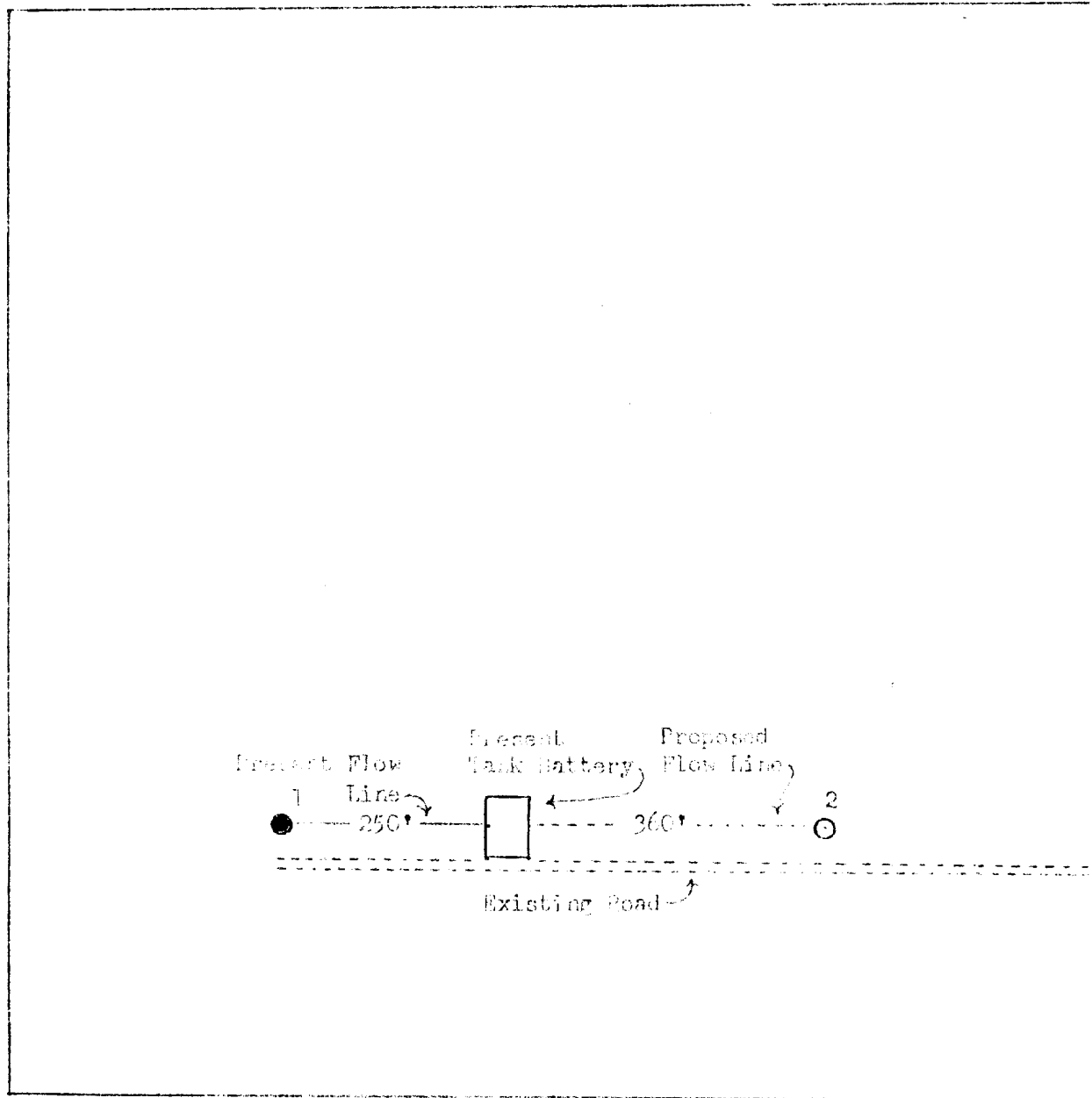


*Casing spool may be either 10" - 3M or 8" - 2M; Contractor will provide necessary equipment to attach drilling spool to casing spool.

Type 39 Ram Blocks (Shaffer) are not acceptable.

(See other side)

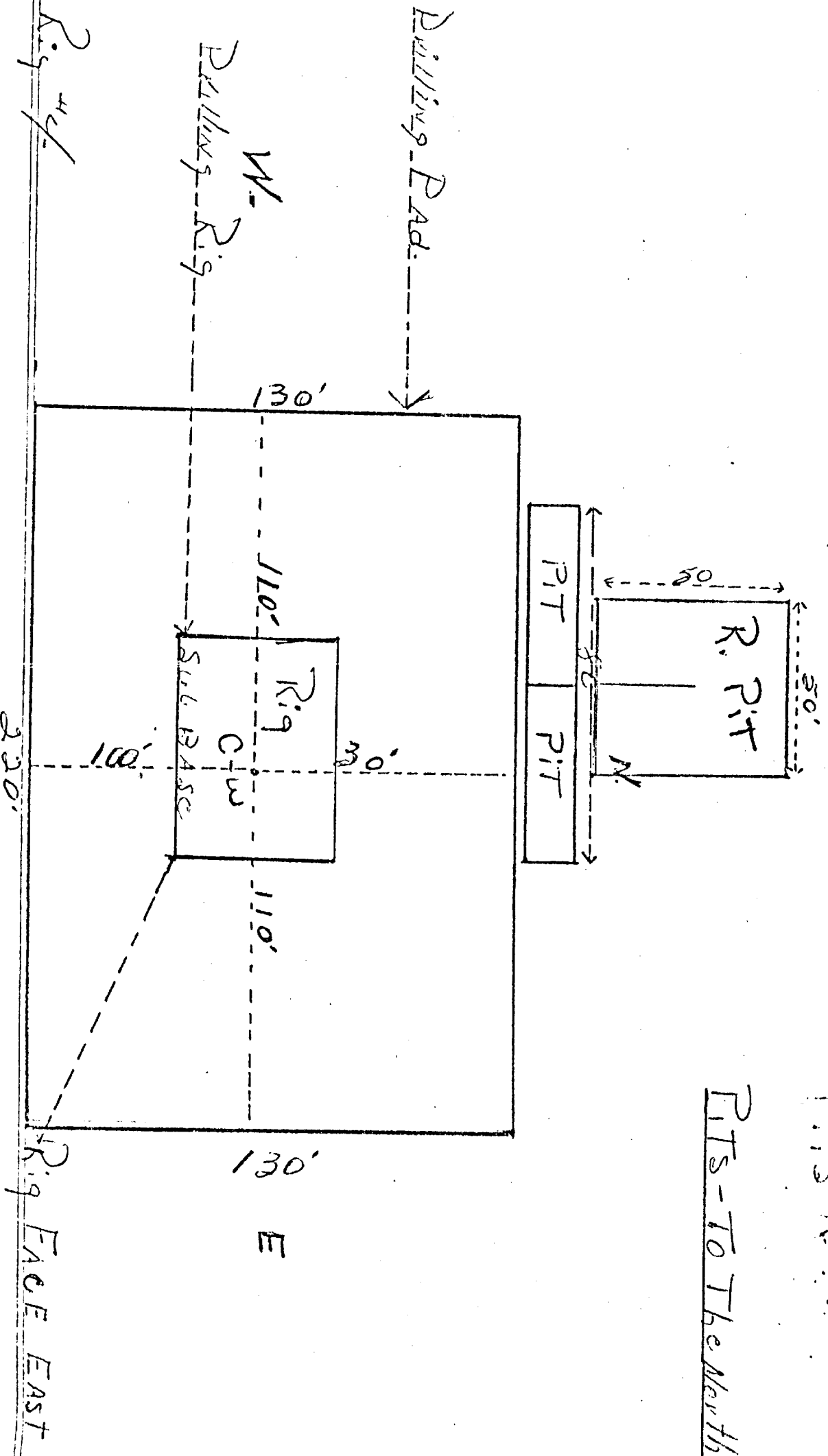
PLAT
of
Tank Battery
Location



Sam D. Area
Zattu Cushing
13-034076

PITS TO NORTH

PITS - TO THE NORTH



Drilling Pad

W. Drilling Rig

2nd Am Drilling Rig

S

173