

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

AMOCO PRODUCTION COMPANY, -

3. ADDRESS OF OPERATOR

BOX 367, ANDREWS, TEXAS 79714

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

At surface

1008' FSL x 994' FEL Sec 18 (Unit P, SE 1/4 SE 1/4)

At proposed prod. zone

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

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

3074.3 GL

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

3450

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START*

UPON NID 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"	24#	400'	Circulate Sufficient to tie back into surface pipe.
7 7/8"	5 1/2"	14-15.5#	3450'	

after drilling well logs will be run and evaluations made
perforating and/or stimulating as necessary in
attempting commercial production.

MUD PROGRAM: O - SCP Water & native mud.
SCP - TD Brine

BOP PROGRAM: Attached

RECEIVED
MAR 30 1976

O. C. C.
ARTESIA, OFFICE

RECEIVED
MAR - 2 1976
U. S. GEOLOGICAL SURVEY
ARTESIA

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

(This space for Federal or State office use)

TITLE

ADMINISTRATIVE ASSISTANT

DATE

FEB 25 1976

PERMIT NO.

APPROVAL DATE

MAR 25 1976

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

0+4- USGS-ART
1- DIR
1- SUSP
1- RRY
2- BASS
1- MARATHON

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPER-
ATION NOT COMMENCED WITHIN 3 MONTHS

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 Amoco Production Company			Lease Old Indian Draw Unit		Well No. 9
Unit Letter P	Section 18	Township 22 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 994 feet from the East line and 1008 feet from the South line					
Ground Level Elev. 3074.3	Producing Formation DELAWARE		Pool INDIAN DRAW-DELAWARE		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

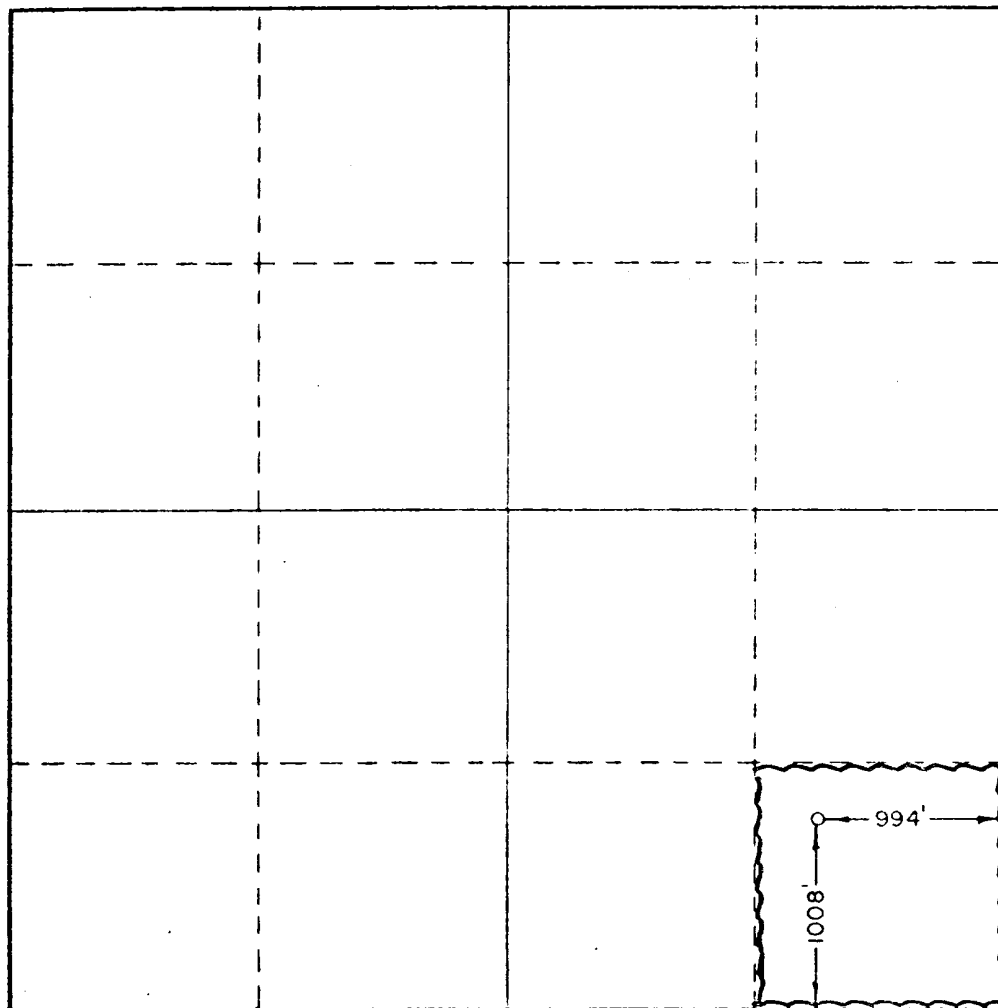
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

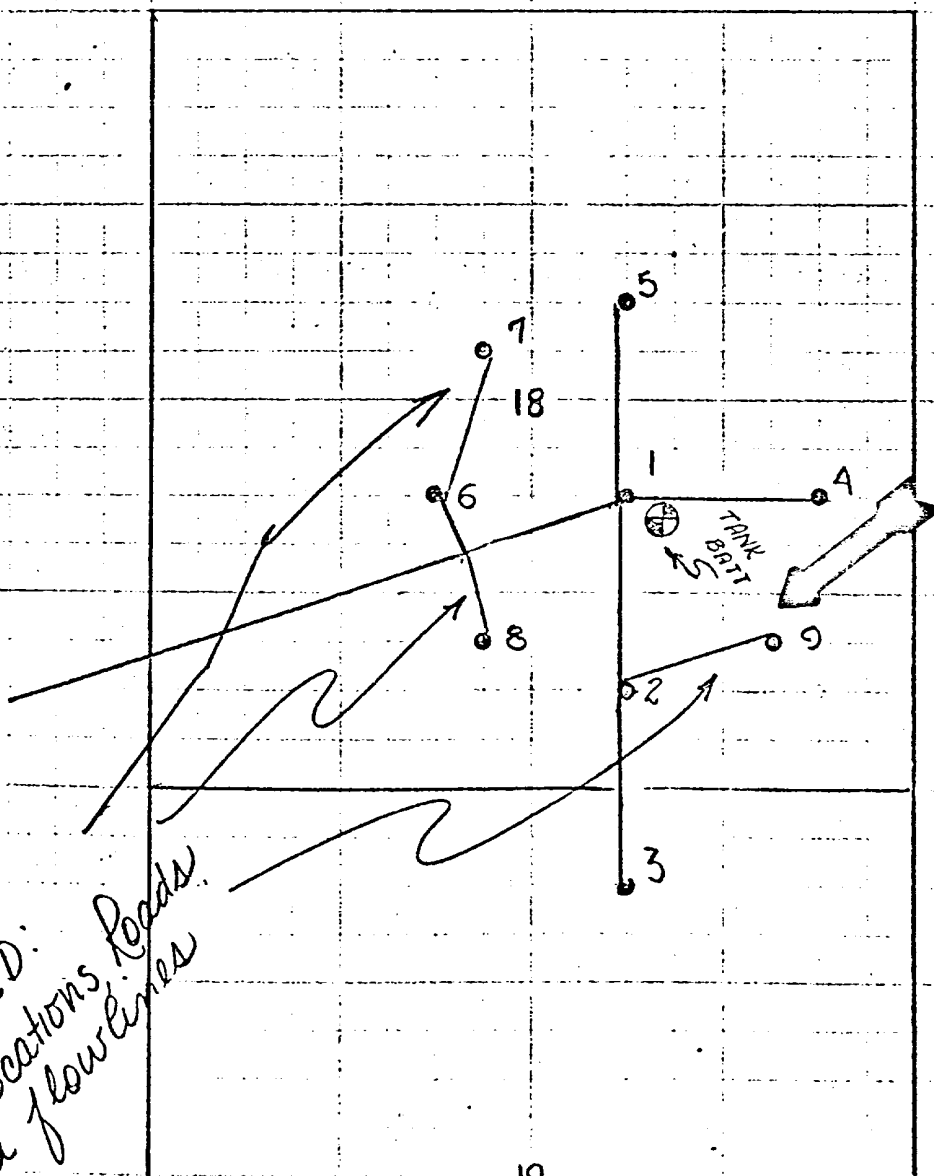


CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<i>Ray R. Yorkum</i>
Position	ADMINISTRATIVE ASSISTANT
Company	AMOCO PRODUCTION COMPANY
Date	FEB 25 1976
I hereby certify that the well location shown on this plat 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	February 21, 1976
Registration No.	676
Signature	<i>John W. West</i>
JOHN W. WEST	

OLD INDIAN DRAW UNIT FED LSE (Part 1)
SEC 18 & 19 T22S R-28 E, EDDY CO N.M.

R-28-E

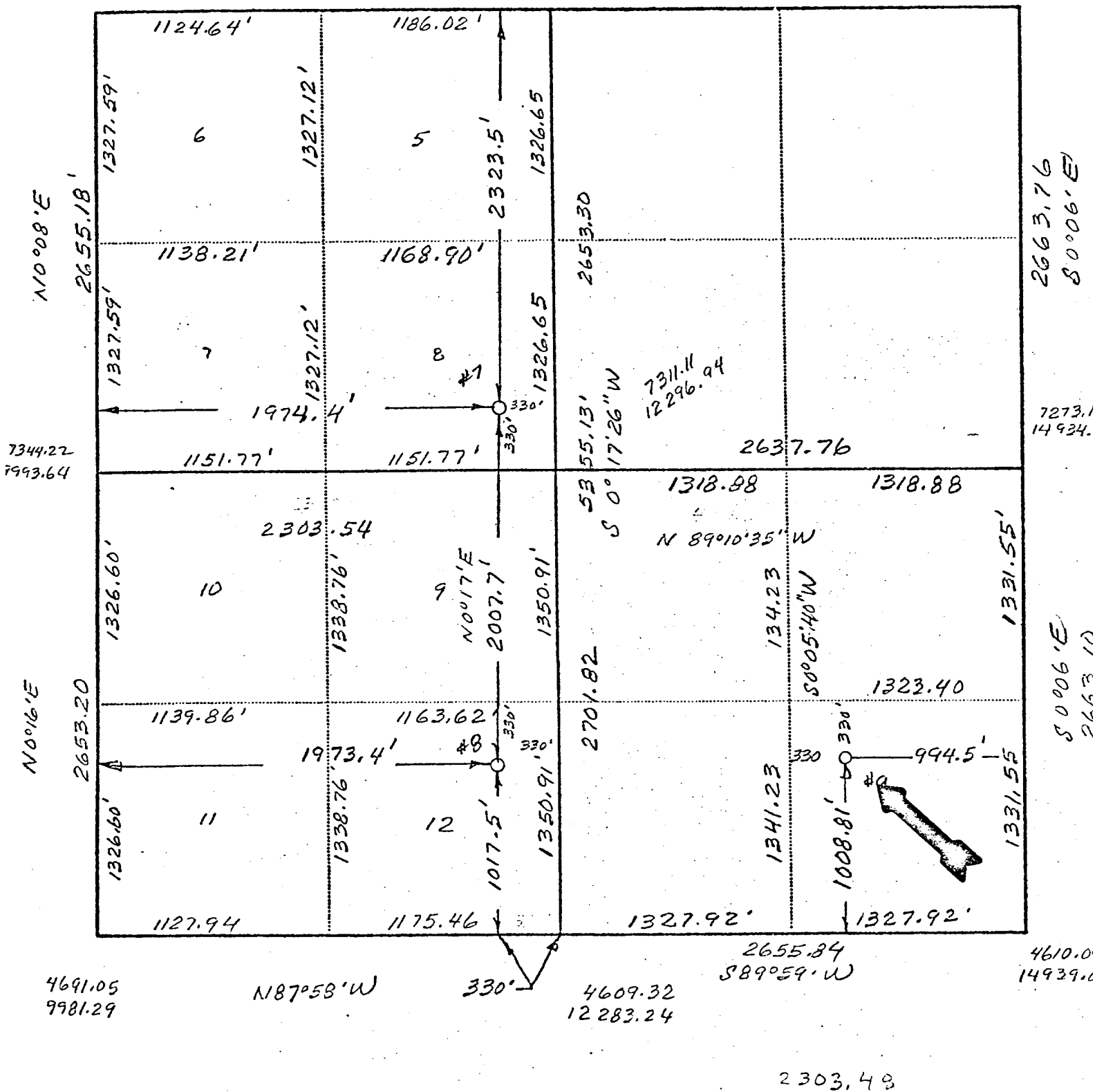
T
22
S



PROPOSED:
Well locations, Roads
and flowlines

--- Flowlines - Follows ROAD ROW
—— Roads

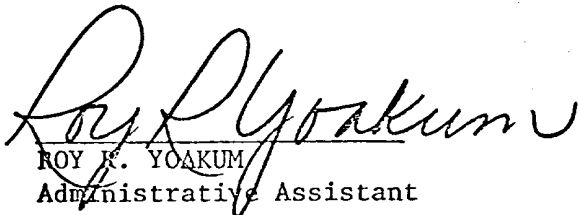
9936.95
14929.78



APPLICATION FOR PERMIT TO DRILL

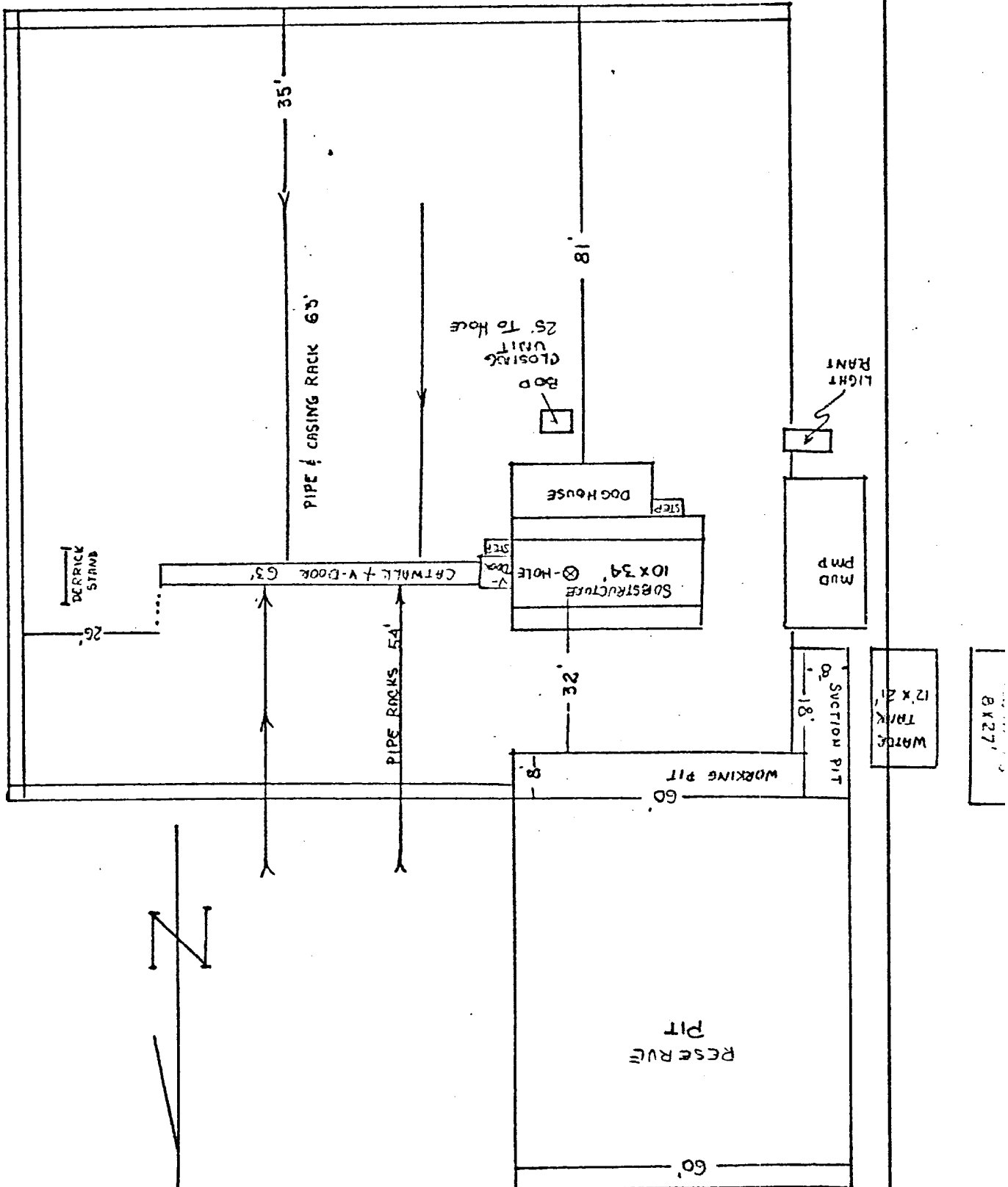
LEASE OLD INDIAN DRAW UNIT FED WELL NO. 9
LOCATION UNIT P SEC 18, T-22-S, R-28-E
POOL INDIAN DRAW-DELAWARE
COUNTY EDDY

The undersigned hereby states that Amoco's representative, Mr. D.C. PEURIFOR, JR., personally contacted L.J. CALLEY, CARLSBAD, NM the ~~owner~~/lessee of the surface land where the proposed work is to be conducted and advised him of the proposed work, the construction site and pertinent roads included in the project. It is further stated that, upon being fully advised of the extent of the work and the effect upon the surface, said owner has consented to the said work and that agreement as to the compensation for damages to the surface estate has been reached.


ROY R. YOAKUM
Administrative Assistant

2-25-76
DATE

Amoco Production Company		SCALE:
GENERAL RIG LAYOUT P-18-22 28. EDDY CO. N. M.		DRG. NO.:



LEASE & WELL NUMBER OLD INDIAN DRAW UNIT FED #9
LOCATION P-18-22-28, EDDY Co NM

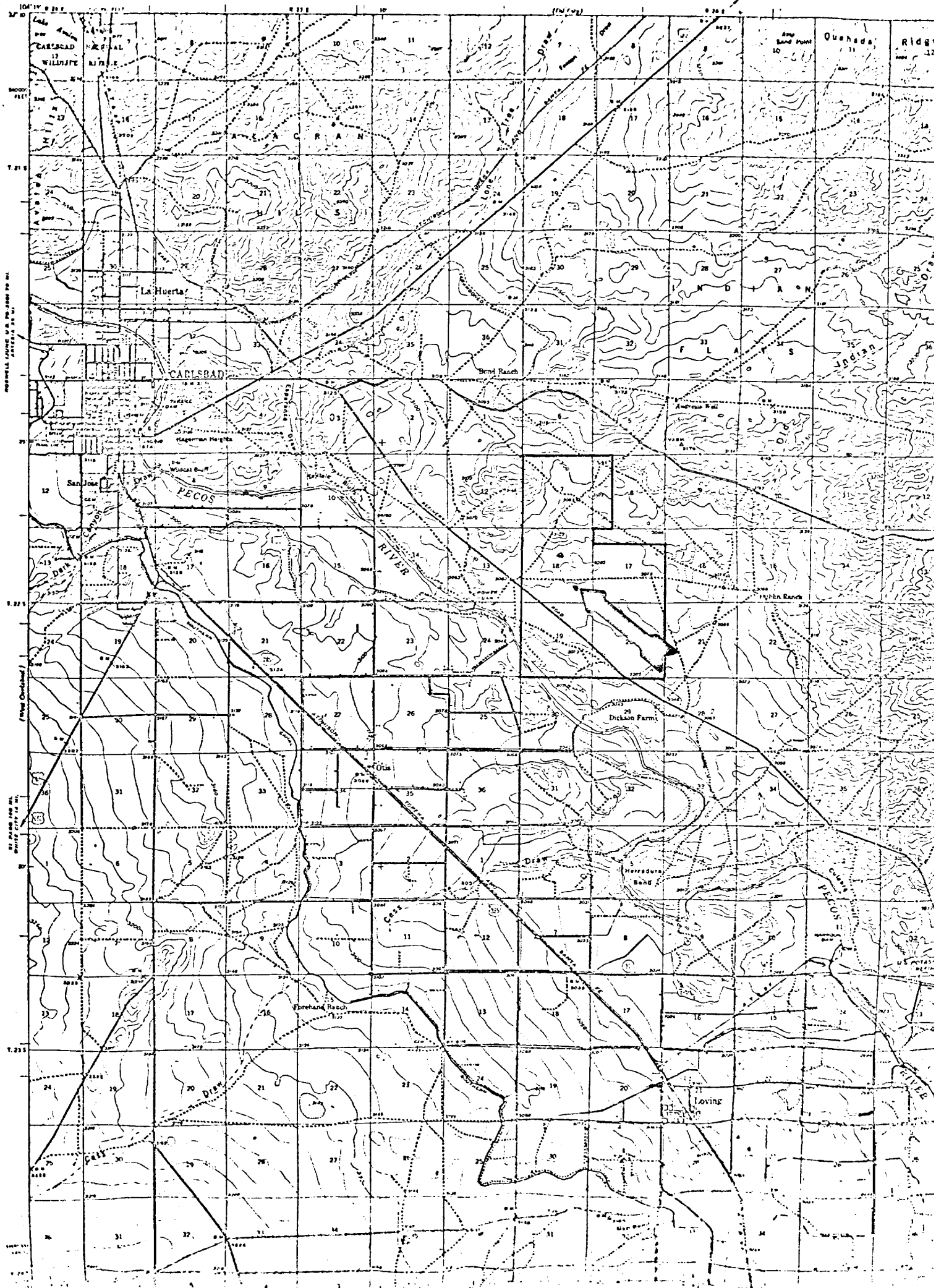
PROPOSED DEVELOPMENT PLAN FOR SURFACE USE.

1. Existing roads including location of exit from main highway.
(SEE ATTACHED MAP)
2. Planned access roads.
(SEE ATTACHED MAP)
3. Location of existing wells
(SEE ATTACHED MAP)
4. Lateral roads to well locations CONSTRUCT APPX 1320', 12' W X 6' THICK W+C
(SEE ATTACHED MAP) Caliche road. From existing pad @ well #2
to new well site + pad.
5. Location of Tank Batteries & Flow Lines.
(SEE ATTACHED MAP)
6. Location and type of water supply.
FRESH & BRINE Water to be hauled
Piped from
7. Methods for handling waste disposal
All waste material will be pitted, burned, buried or hauled from
location. Suitable trash pits or containers will be provided at
location for containment.
8. & 9. Location of camps and airstrips.
X None SEE ATTACHED MAP
10. Location of layout to include position of rig, mud pits, reserve pits,
burn pits, pipe racks, etc.
Rig Layout, etc. (SEE ATTACHED)
Drilling Pad 230x170x6" Compacted Surfaced
11. Plans for restoration of Surface
X Producing well - all pits to be cut, filled and levelled.
X Dry hole - all pits to be cut, filled and complete location
cleaned and levelled.
12. Other information that may be used in evaluating the impact on environment.
FLAT TERRAIN.

Field personnel responsible for compliance of Development Plan for Surface Use.

OR WILLIAMS, AREA FOREMAN, HOBBS NM. (Ph 393-2867)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



OLD INDIAN DRAW UNIT FED WELL #9
INDIAN DRAW-DELAWARE POOL
EDDY CO. N.M.

NOTES

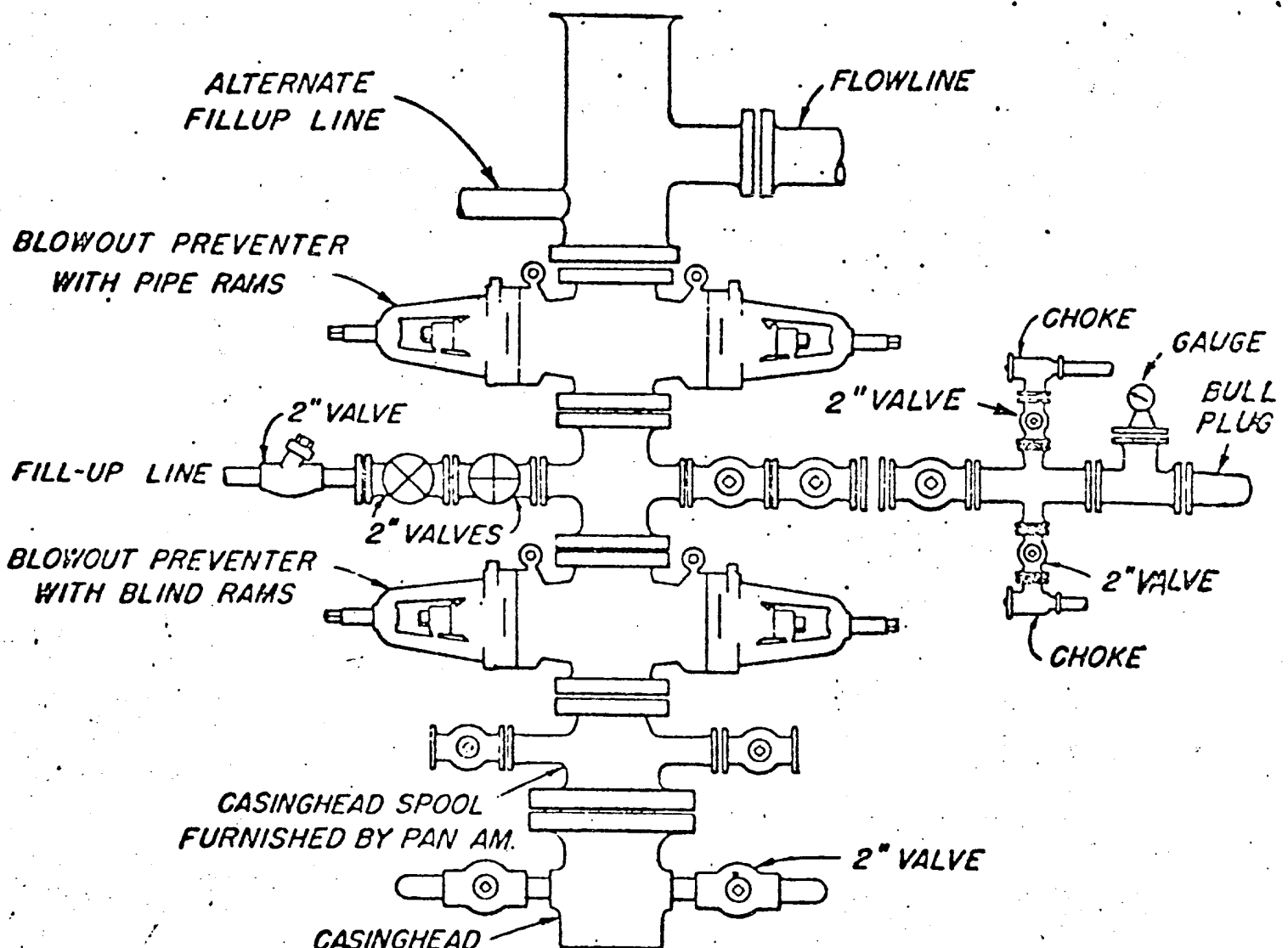
1. Blow-out preventers and master valve to be fluid operated and all fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000# W.P. (6,000 p.s.i. test), minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000# W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6,000' may be 2,000# W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Pan American.
11. Rams in preventers will be installed as follows:

When drilling, use:

Top Preventer - Drill pipe rams
Bottom Preventer - Blind rams or master valve

When running casing, use:

Top Preventer - Casing rams
Bottom Preventer - Blind rams or master valve.



BLOWOUT PREVENTER HOOK-UP
PAN AMERICAN PETROLEUM CORP.

EXHIBIT D-1 MODIFIED

JUNE 1, 1962