

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 68, HOBBS, N. M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
660' FSL x 2180' FWL Sec. 29 (Unit N, SE/4 SW/4)
At proposed prod. zone

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

15. 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.)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH
4300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL
80

20. ROTARY OR CABLE TOOLS
ROTARY

22. APPROX. DATE WORK WILL START*
7-10-73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4" - 11"	8 5/8"	24# H-55	500	CIRC.
7 7/8"	4 1/2"	9.5 H-	4300	250 Sx

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

B O-P attached.

Mud Program: O- SCP water & native mud.
SCP- TD Min Quality and as necessary to maintain safe drilling operations.

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 [Signature] TITLE AREA ENGINEER DATE 7-3-73

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUL 13 1973

APPROVED BY _____ TITLE ARTHUR R. BROWN DISTRICT ENGINEER DATE

CONDITIONS OF APPROVAL, IF ANY:

0-5- USGS- H
1- DIV
1- SUSP
1- KRY

*See Instructions On Reverse Side

WELLS COMPANY

PETERSON "A" FED

7 SOUTH

36 EAST

ROOSEVELT

WEST

660

SOUTH

SAN ANDRES

TODD-LOWER SAN ANDRES

80

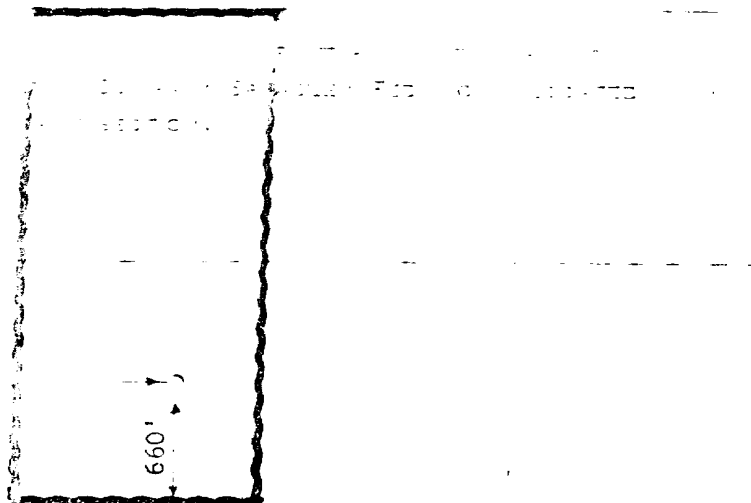
Subject well has been opened at fracture marks on the ground.

Identify the ownership of the well and identify the ownership of the well.

Use of all forms of energy as a source to the well, have the interests of all persons in the well, and utilization of the well.

It is the policy of the well to have the interests of all persons in the well.

It is the policy of the well to have the interests of all persons in the well.



JULY 2, 1941

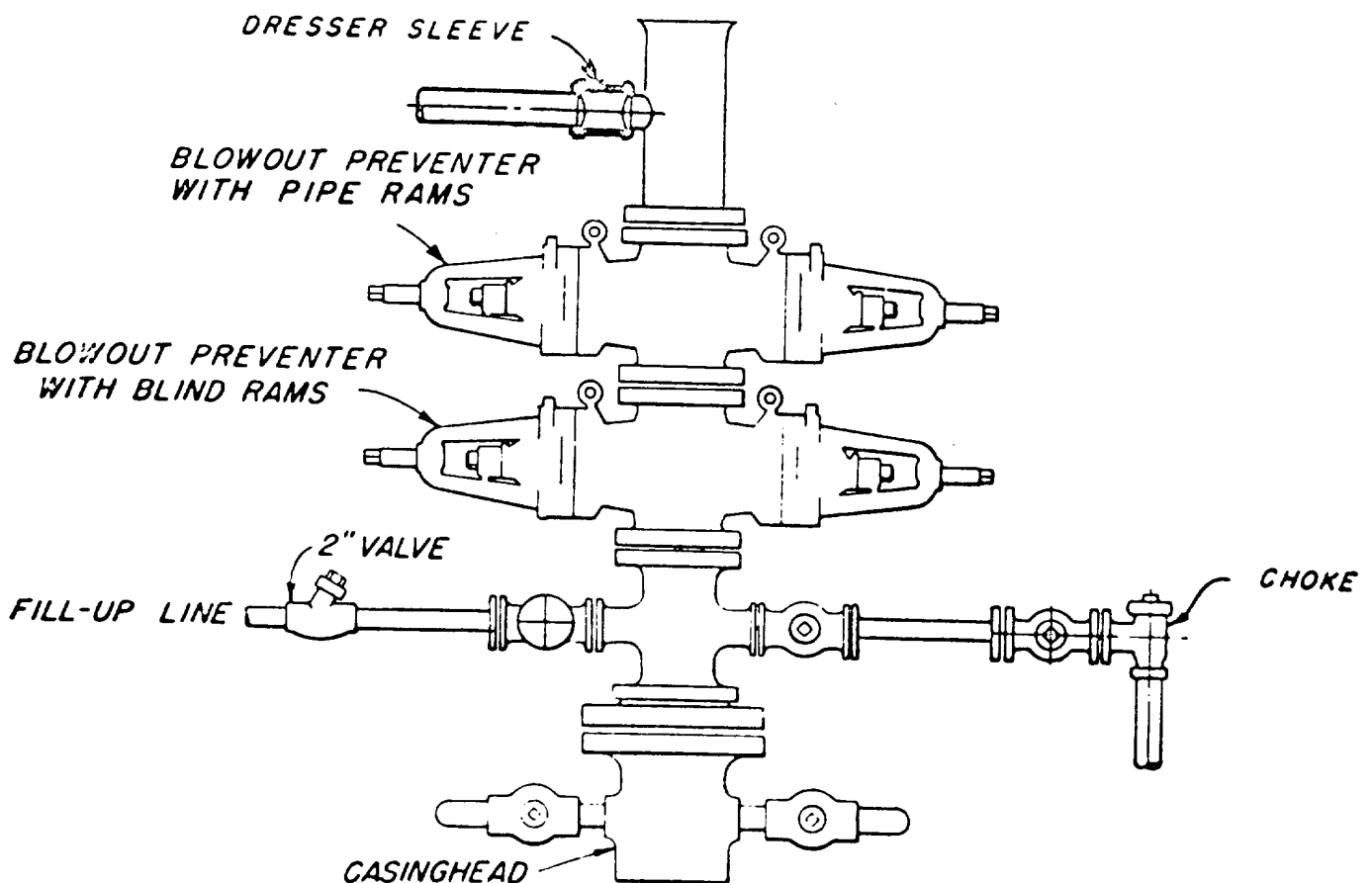
John W. West
678

ATTACHMENT "B"

NOTES

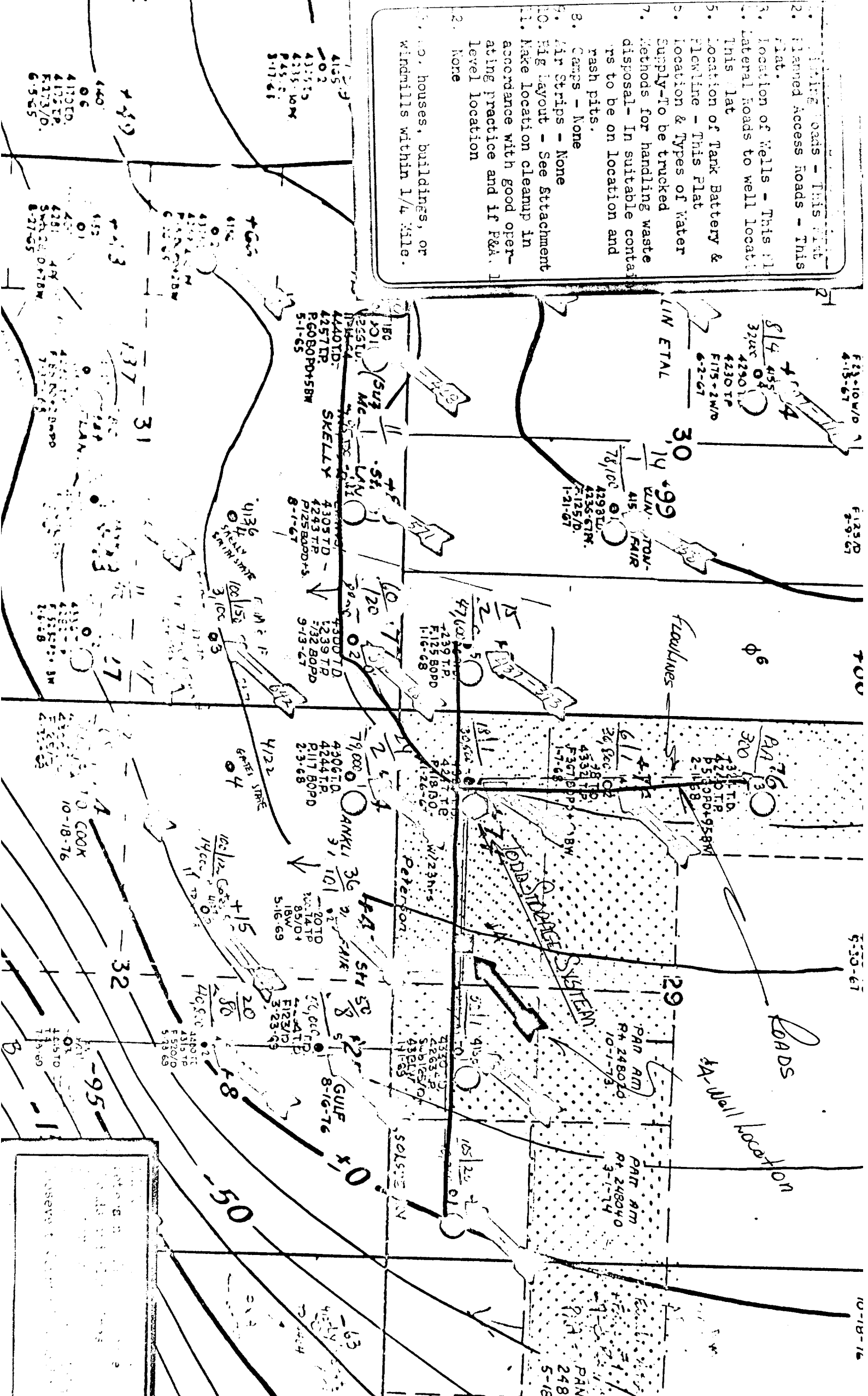
1. BLOW-OUT PREVENTERS AND MASTER VALVE MAY BE MANUAL OPERATED.
2. ALL FITTINGS MUST BE IN GOOD CONDITION, 2,000# W.P. (4,000 P.S.I. TEST), MINIMUM.
3. NIPPLE ABOVE BLOW-OUT PREVENTER SHALL BE SAME SIZE AS CASING BEING DRILLED THROUGH.
4. KELLY COCK TO BE INSTALLED ON KELLY.
5. CMSCO OR COMPARABLE SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUB, 2,000# W.P. (4,000 P.S.I. TEST), MINIMUM.
6. RAMS IN PREVENTERS WILL BE INSTALLED AS FOLLOWS:

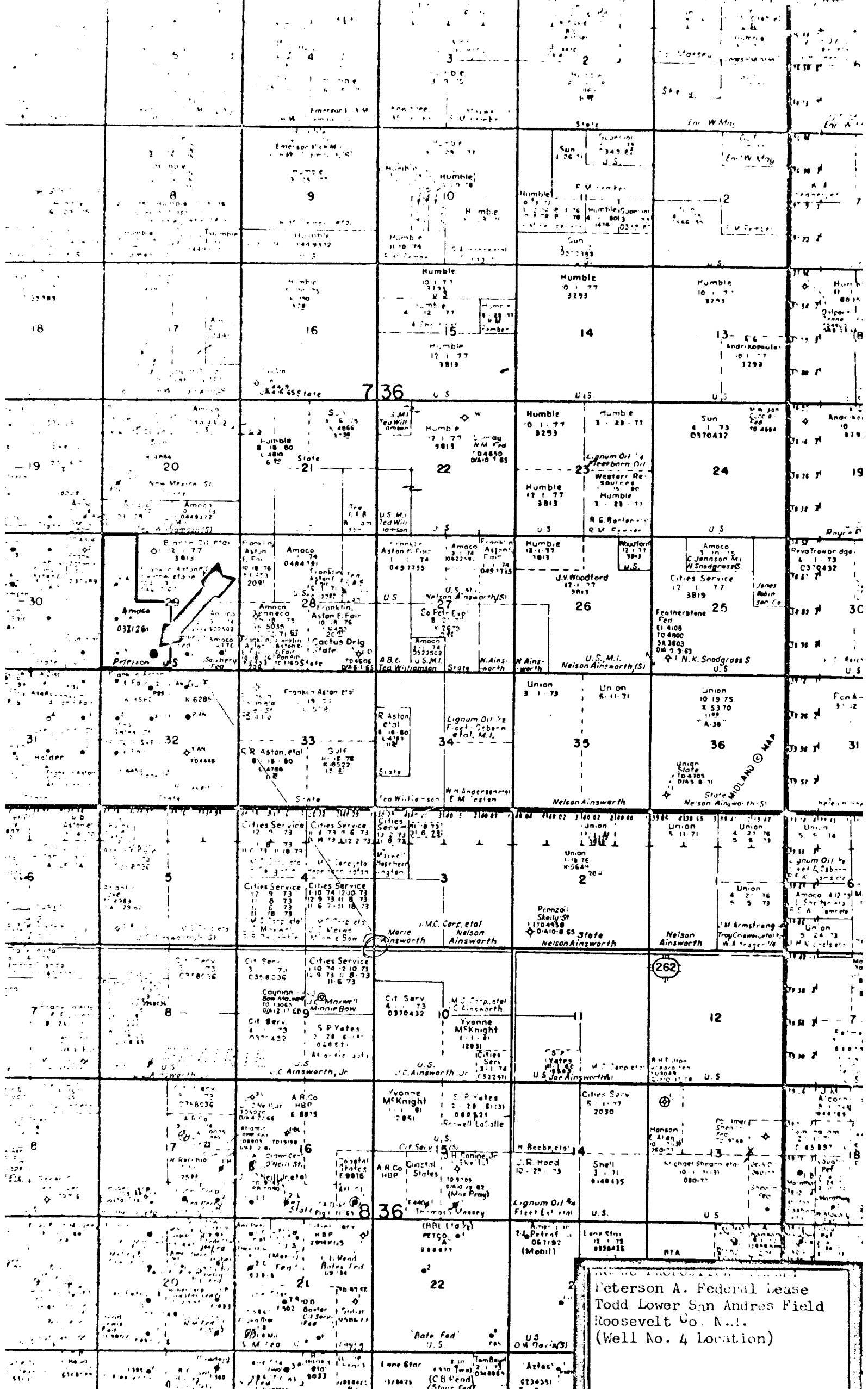
TOP PREVENTOR	-	DRILL PIPE OR CASING RAMS
BOTTOM PREVENTER	-	BLIND RAMS OR MASTER VALVE.
7. SPOOL OR CROSS MAY BE ELIMINATED IF CONNECTIONS ARE AVAILABLE IN THE LOWER PART OF THE BLOW-OUT PREVENTER BODY.
8. DOUBLE OR SPACE SAVER TYPE PREVENTERS MAY BE USED IN LIEU OF TWO SINGLE PREVENTERS.
9. CROSS WITH SIDE OUTLETS MAY BE PLACED BETWEEN MASTER GATE AND BLOW-OUT PREVENTER IF TWO SINGLE UNITS ARE USED.



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

6. Lateral Roads - This Flat
7. Planned Access roads - This Flat.
8. Location of Wells - This Flat
9. Lateral Roads to well location This Flat
10. Location of Tank Battery & Flaming - This Flat
11. Location & Types of Water Supply-To be trucked
12. Methods for handling waste disposal - In suitable containers to be on location and trash pits.
13. Camps - None
14. Air Strips - None
15. Site layout - See Attachment
16. Make location cleanup in accordance with good operating practice and if P&A, level location
17. None
18. Houses, buildings, or windmills within 1/4 mile.





Peterson A. Federal Lease
Todd Lower San Andres Field
Roosevelt Co. N.M.
(Well No. 4 Location)