

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECORD
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on
reverse side)

30-025-30993
BLM Roswell District
Modified Form No.
NM60-3160-2

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

Pennzoil Exploration & Production Company

3a. Area Code & Phone No.
(915) 682-7316

3. ADDRESS OF OPERATOR

P.O. Drawer 1828 - Midland, TX 79702-1828

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

At surface

1980' FNL & 660' FWL

At proposed prod. zone

Same

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

Approximately 21 miles West of Hobbs, New Mexico

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

40

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

19. PROPOSED DEPTH

10,800

20. ROTARY OR CABLE TOOLS

Rotary

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

3672.5 GR

22. APPROX. DATE WORK WILL START*

September 10, 1990

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48	H-40	ST&C CIRCULATE	450	500 sks
11"	8 5/8"	28	S-80	ST&C CIRCULATE	5200	1800 sks*
7 7/8"	5 1/2"	17	N-80	LT&C	10,800	600 sks**

*Circulate cement to surface
**Top of cement at 8000'

- 13 3/8" Casing: Circulate to surface using 500 sxs CL "C" with 2% CaCl₂ and 1/4#/sx Flocele.
- 8 5/8" Casing: Circulate to surface in two stages with stage tool at + 3300'.
1st Stage 500 sxs Lite Cement w/10% Salt followed by 150 sxs CL "C" Neat.
2nd Stage 1000 sxs Lite Cement w/10% Salt followed by 150 sxs CL "C" Neat.
- 5 1/2" Casing: 600 sxs CL "H" Perforating Quality Cement.

Blowout Prevention Equipment Required by Pennzoil is Attached.

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.

SIGNED Randy M. Hodgins TITLE Senior Petr. Engineer DATE 8/16/90

(This space for Federal or State office use)

PERMIT NO. Orig Signed by Richard J. James APPROVAL DATE 8-30-90

APPROVED BY APPROVAL SUBJECT TO TITLE AREA MANAGER DATE 8-30-90

CONDITIONS OF APPROVAL, IF ANY:
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1900, Hobbs, NM 88240

DISTRICT II
P.O. Denver DD, Artesia, NM 88210

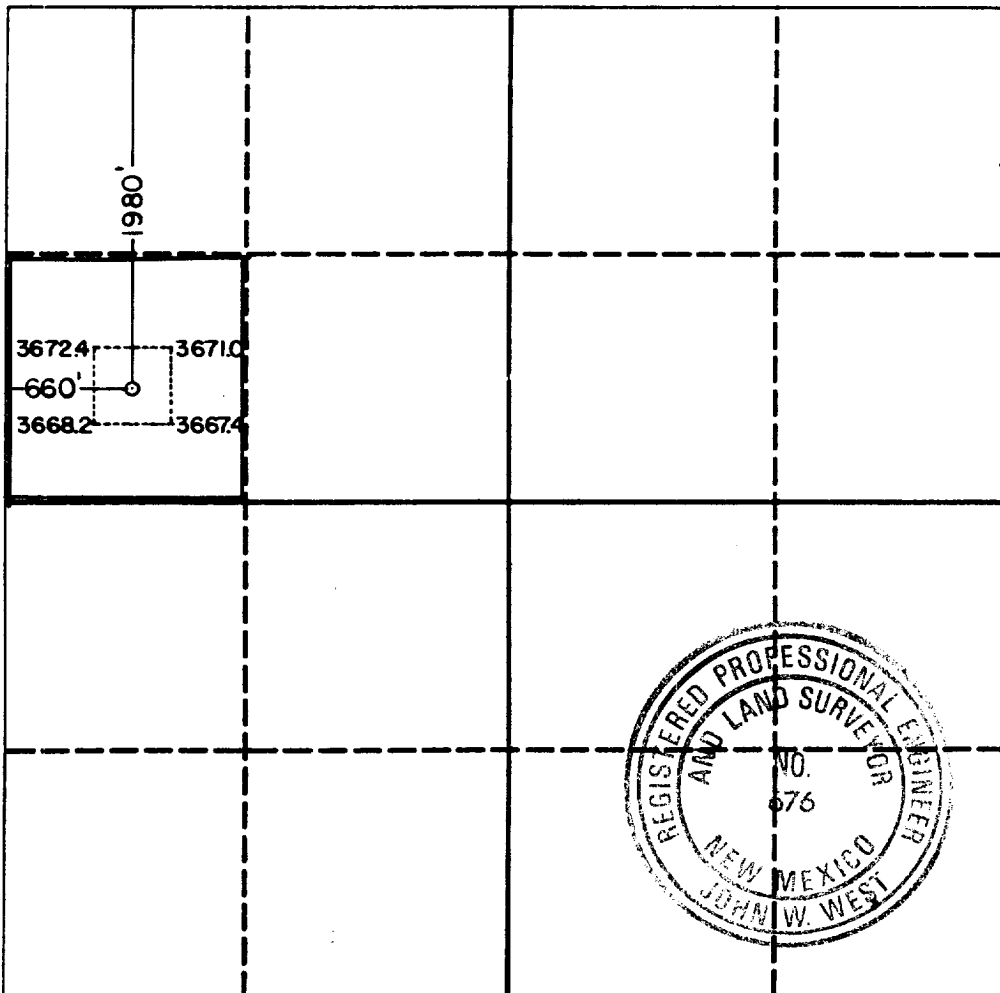
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PENNZOIL EXPLORATION & PRODUCTION CO.			Lease Chaparral 33 Federal		Well No. 1
Unit Letter E	Section 33	Township 19 South	Range 34 East	County Lea	
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line					
Ground level Elev. 3672.5	Producing Formation Bone Spring	Pool South Quail Ridge Bone Spring		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Randy M. Hodgins

Printed Name

Randy M. Hodgins

Position

Senior Petr. Engineer

Company

Pennzoil Explor. & Prod. Co.

Date

August 16, 1990

SURVEYOR CERTIFICATION

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

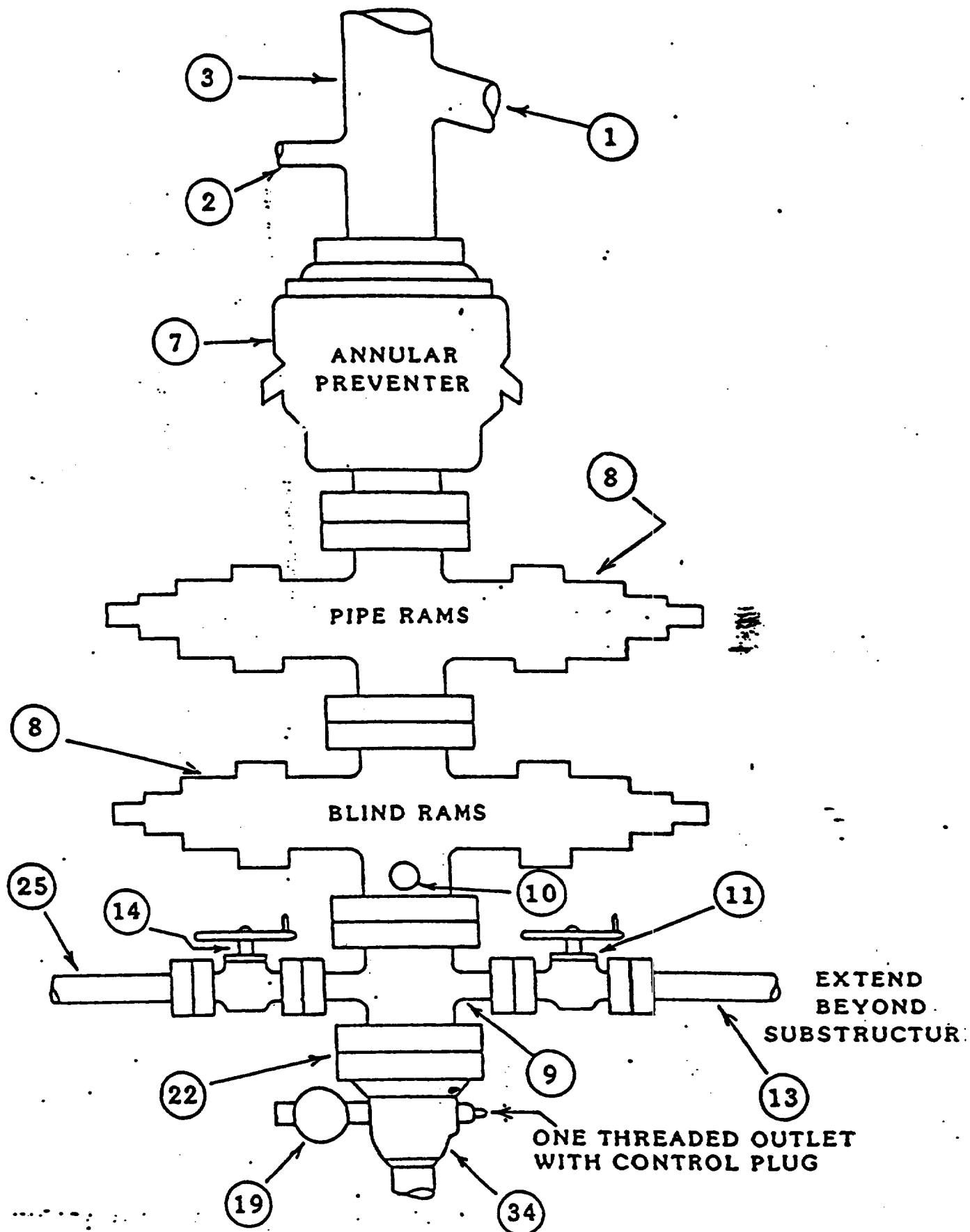
July 23, 1990

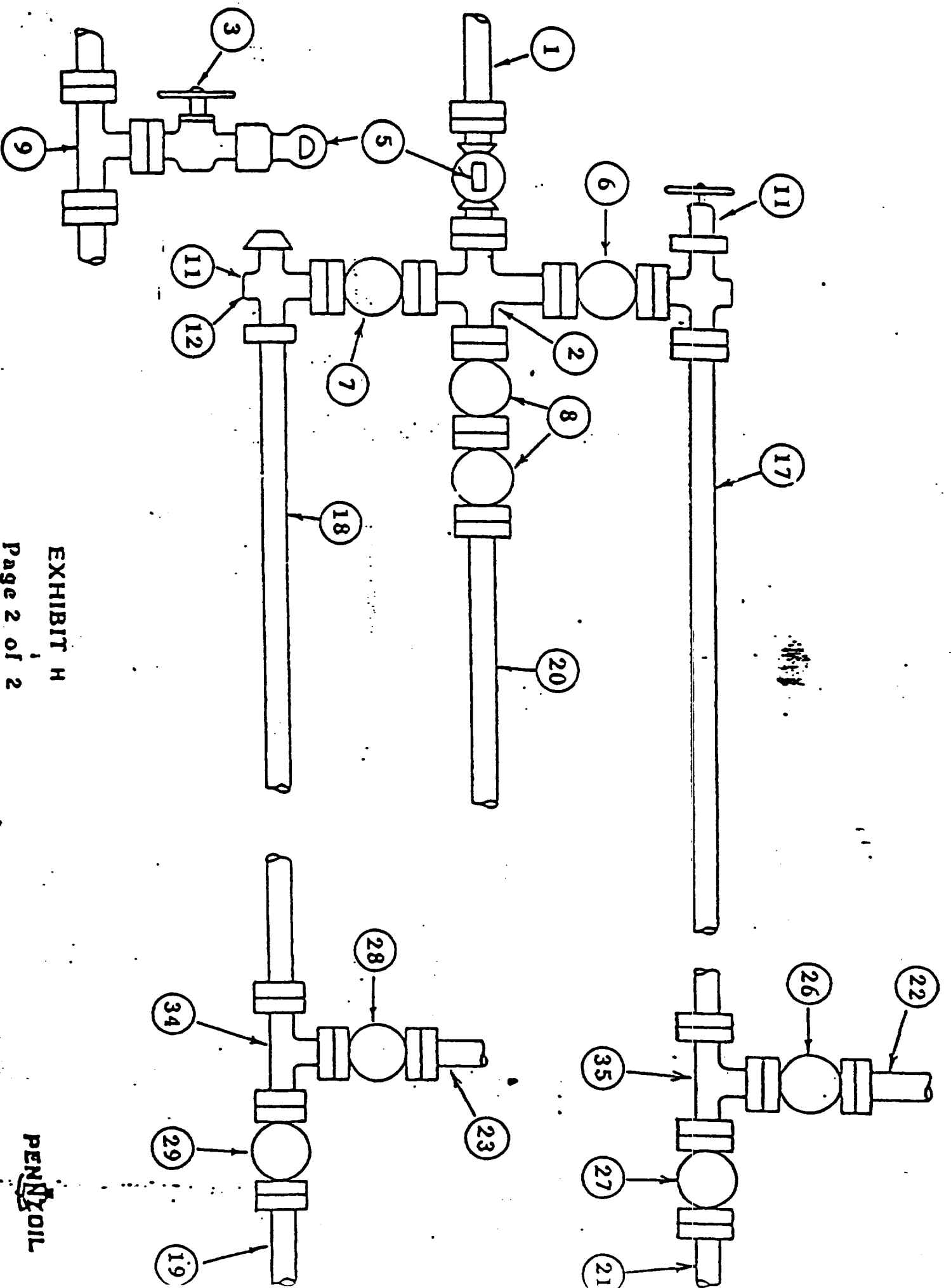
Signature & Seal of
Professional Surveyor

John W. West

Certificate No. JOHN W. WEST, 676

RONALD J. EIDSON, 3239





16-21-87

ELF