

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

Ralph E. Williamson

3. ADDRESS OF OPERATOR

Box 16, Midland, Texas 79701

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

At surface

1980 From East Line & 660 From South Line of Section

At proposed prod. zone

SAME

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

28 Miles West of Jal, 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

640

18. DISTANCE FROM PROPOSED LOCATION*

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

1320

19. PROPOSED DEPTH

5100

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

3693.0 GR

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

December 1, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8	28	350	300sx Sufficient to circulate
7 7/8"	4 1/2	9.5	5100 5066	200

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

Ralph E. Williamson

TITLE

Operator

DATE Nov. 14, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DEC

1974

DATE

ARTHUR R. [unclear]

*See Instructions On Reverse Side

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

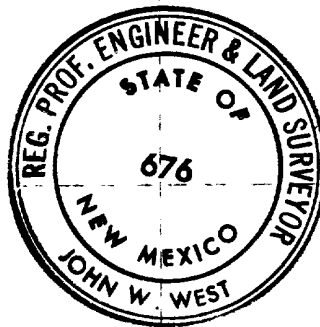
Owner Ralph E. Williamson		Lease Graham Federal		Well No. 1
Section 0	Range 22	Township 24 South	Range 32 East	County Lea
Actual distance from the well				
660	feet from the	South	line and	1980
				feet from the
				East
Ground level Elev 3693.0	Producing formation Delaware Sand		Pool Double "X"	Dedicated 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 Only one lease involved

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.

Ralph E. Williamson

RALPH E. WILLIAMSON

Operator

Independent

November 14, 1974

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.

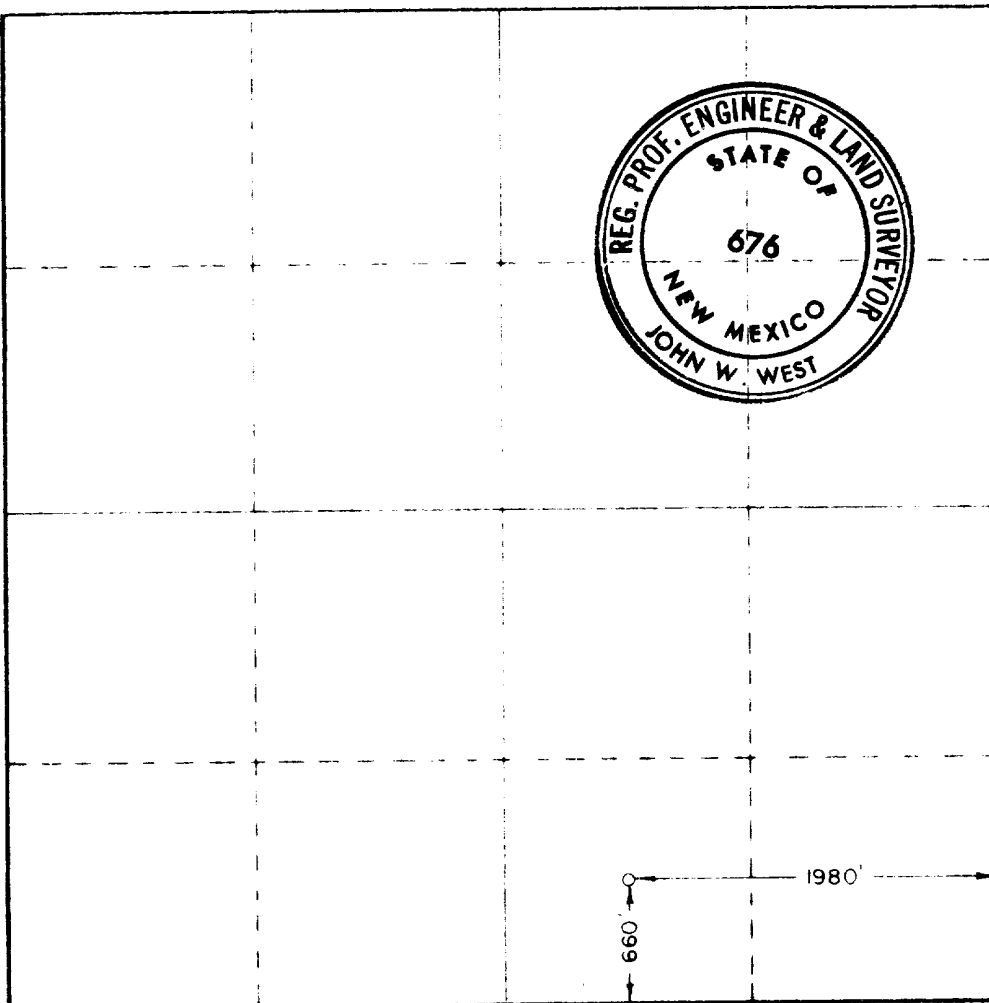
Date Surveyed

November 9, 1974

Registered Professional Engineer and Land Surveyor

John W. West

676



0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 600 400 200 0

Letter to:
U. S. G. S.
Graham-Federal #1
November 8, 1974

Page No. 2

10. Position of the Rig, Mud Tank, Reserve Pit, Pipe Racks, and etc.: See Exhibit "C"
11. Plans for Restoration of the Surface: After drilling the well, Ralph E. Williamson will level all pits and location as near to original ground level as possible. This location is located in an arid region on which there is no surface grass.
12. Blowout Preventor Diagram: See Exhibit "D"

Should you have any questions concerning any of the above, please do not hesitate to call or write.

Yours very truly,


Ralph E. Williamson

REW:dp

RALPH E. WILLIAMSON626 VAUGHN BUILDING
MIDLAND, TEXAS 79701

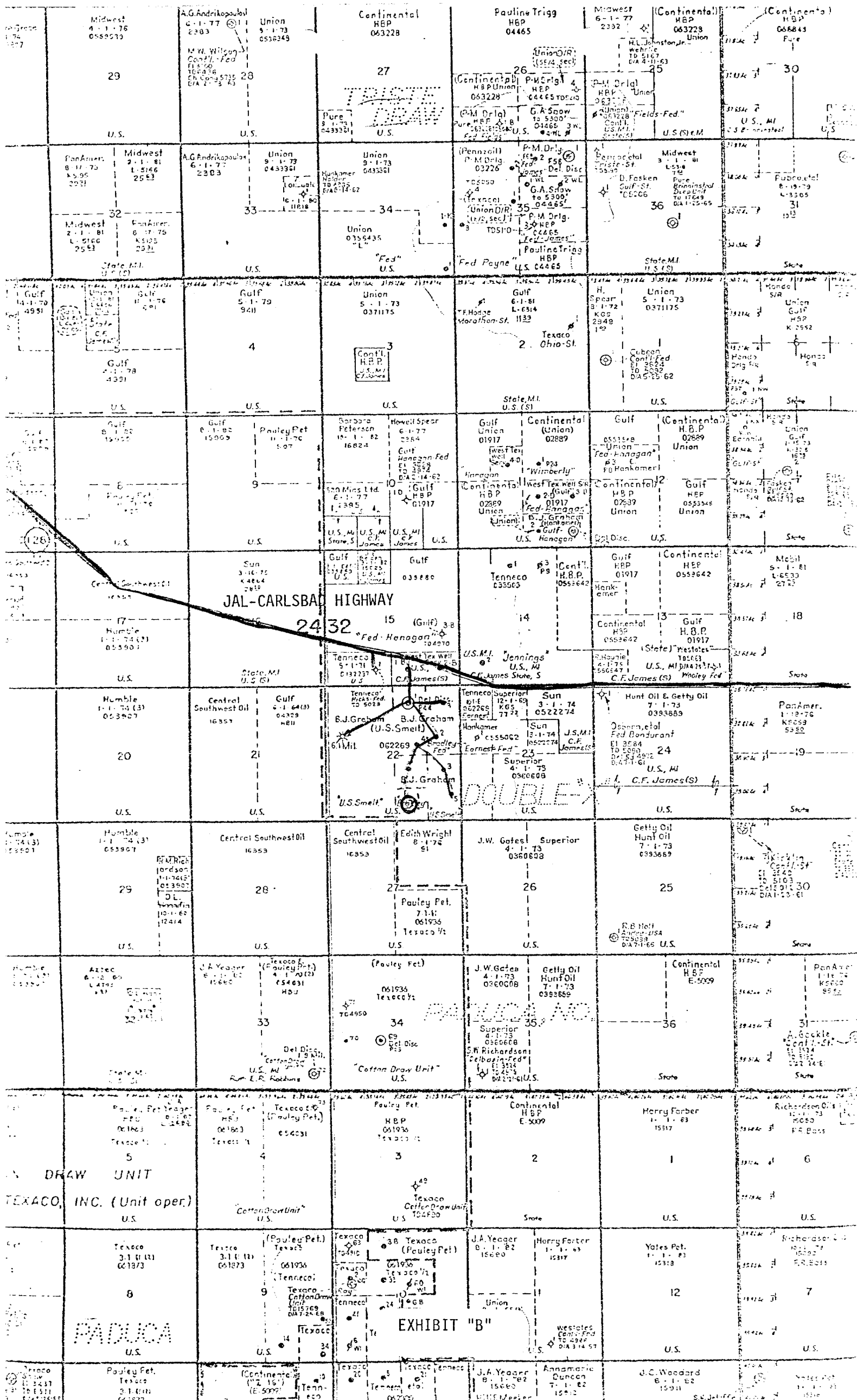
November 8, 1974

United States Department of the Interior
Geological Survey
Washington, D. C.Re: Graham-Federal #1, 1980'
FEL & 660' FSL of Sec. 22,
T-24S, R-32E, Lea County,
New Mexico

Gentlemen:

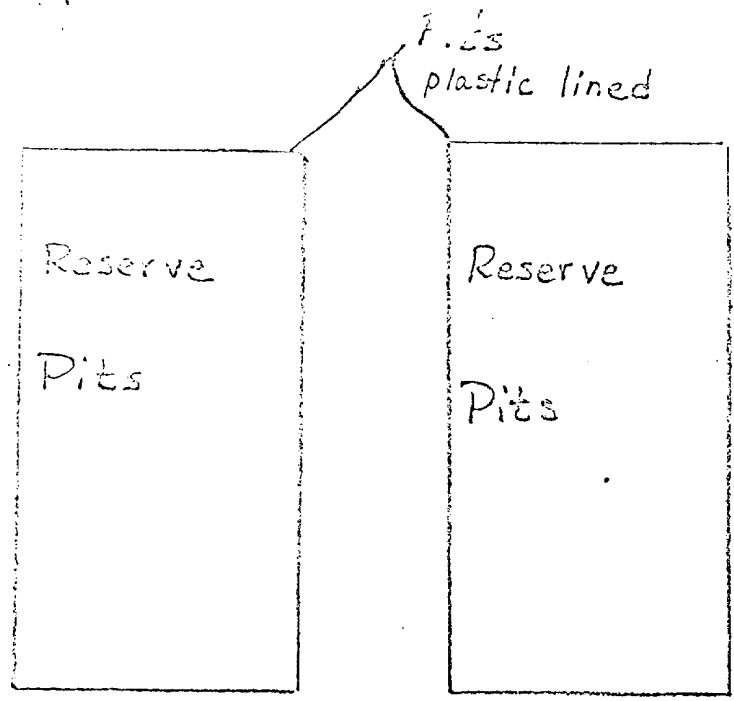
As per instructions for submitting an application to drill an offshore or on shore gas, oil or geothermal wells on public domain and acquired lands, Ralph E. Williamson answers these questions as follows:

1. Existing Roads: Exhibit "B", attached, shows existing roads in solid red lines.
2. Planned Access Roads: Planned access roads are shown on Exhibit "B" as dashed red lines.
3. Location of Well: As shown on above reference.
4. Lateral Roads to Location: None
5. Location of Tank Battery and Flow Lines: If the above well is productive, surface equipment will be set on location site.
6. Location and Types of Water Lines: Water to be hauled.
7. Methods for Handling Waste Deposits: A reserve pit located as per Exhibit "C" will be used for handling all wastes.
8. Location of Camps: None
9. Location of Air Strip: None



Rig Plat and Rig Layout

Ralph E. Williamson
Graham-Federal #1
1980' FEL & 660' FSL
Sec. 22, T-24S, R-32E
Lea County, New Mexico



Steel

Pits

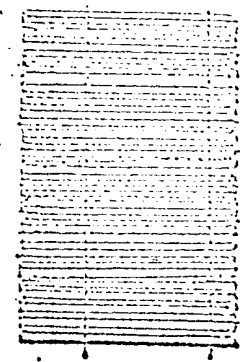
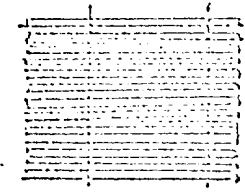
Water Tank

Oil Tank

pump

Sub-Structure

Dog House



cat walk

LOCATION

100'

20'

20'

50'

131' from well

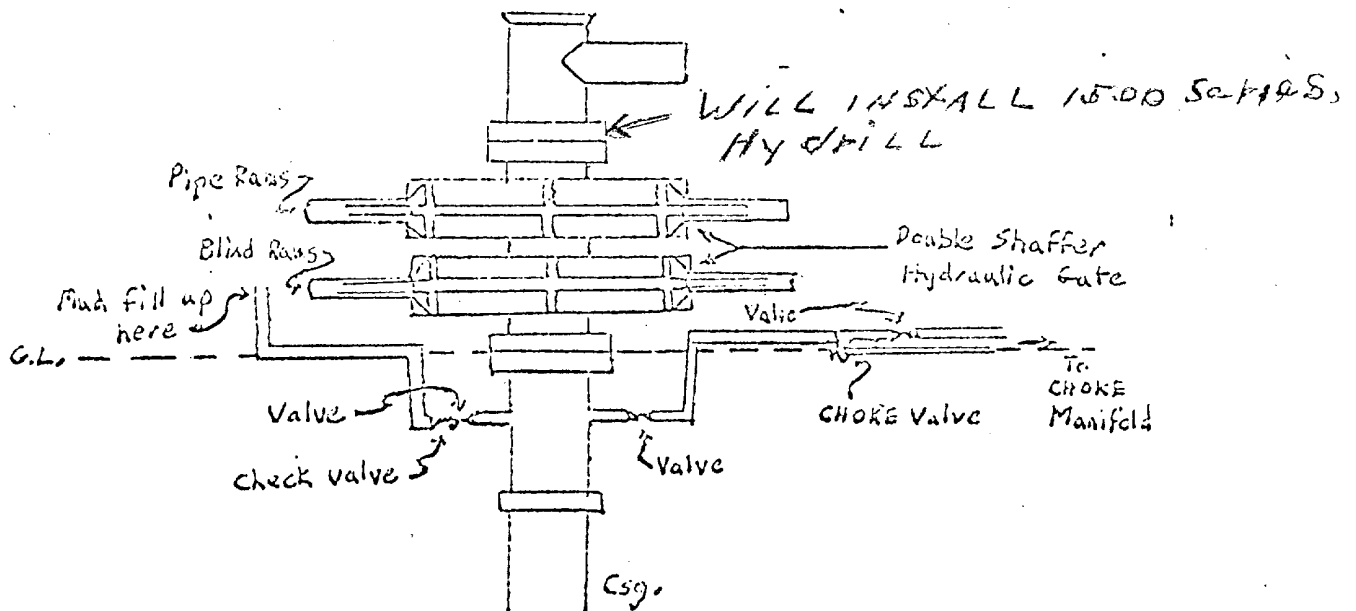
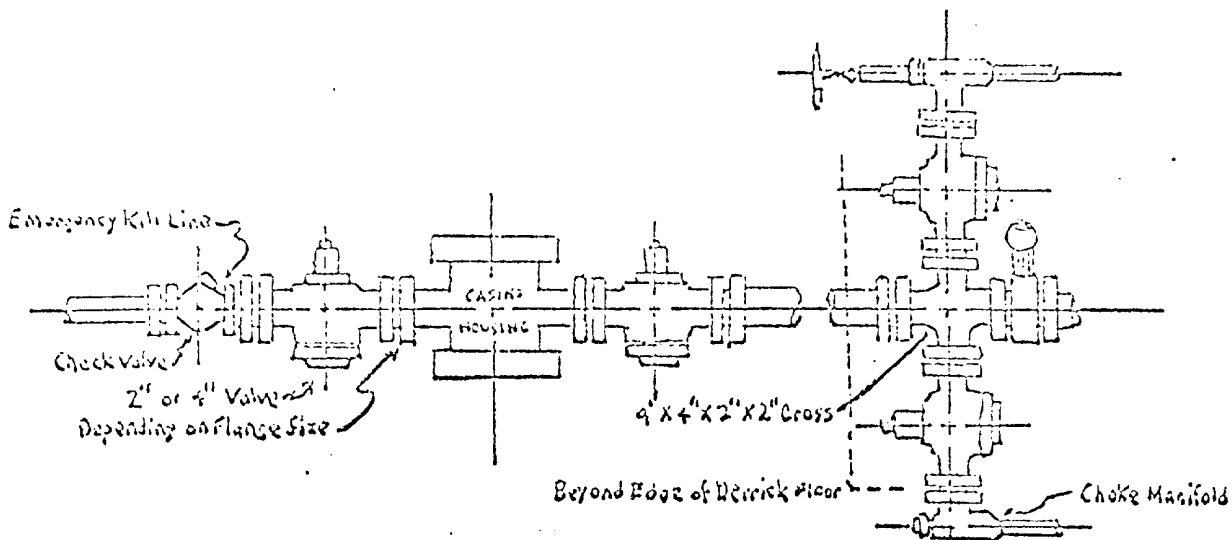
80'

130'

200'

Ralph E. Williamson

Exhibit "D"



Blowout Preventor 900 Series

Ralph E. Williamson Graham-Federal #1 1980' FEL & 660' FSL Sec. 22, T-24S, R-32E Lea County, New Mexico
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Ralph E. Williamson