

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Herman V. Wallis

3. ADDRESS OF OPERATOR

140 Pleasant View Drive, Kerrville, Texas 78028

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

1980'FNL & 660'FEL (SE NE)

At proposed prod. zone

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

Location is 18.4 miles east of Hagerman, New Mexico

16. NO. OF ACRES IN LEASE
1880

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1800'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3578'GR

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" new	24# K-55 LT&C	250'	100 sx, Class "C" + 2% CIRCULATE
7 7/8"	4 1/2" new	10.5# J-55 ST&C	1800'	500 sx, Class "H" + 50-50 poz

1. Drill 12 1/4" hole and set 8 5/8" surface casing to 250' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 7 7/8" hole to 1800'.
3. Run tests if warranted and run 4 1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

- "A" Location & Elevation Plat
- "B" The Ten-Point Compliance to Accompany A.P.D.
- "C" The Blowout Preventer Equipment
- "D" The Multi-Point Requirements to Accompany A.P.D.
- "E" & "E₁" Access Road Maps to Location
- "F" Radius Map of Field
- "G" & "G₁" Drill Pad Layout, Production Facilities & Cut-Fill Cross Section
- "H" Drill Rig Layout

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: Herman V. Wallis TITLE: Operator DATE: 3-29-84

(This space for Federal or State office use)

PERMIT NO. SP-1000 APPROVAL DATE 5-10-84
APPROVED BY Area Manager TITLE Area Manager DATE 5-10-84
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 All distances must be from the outer boundaries of the Section.

EXHIBIT "A"

Location & Elevation Plat

Form O-1112
 Supersedes C-128
 Effective 1-1-65

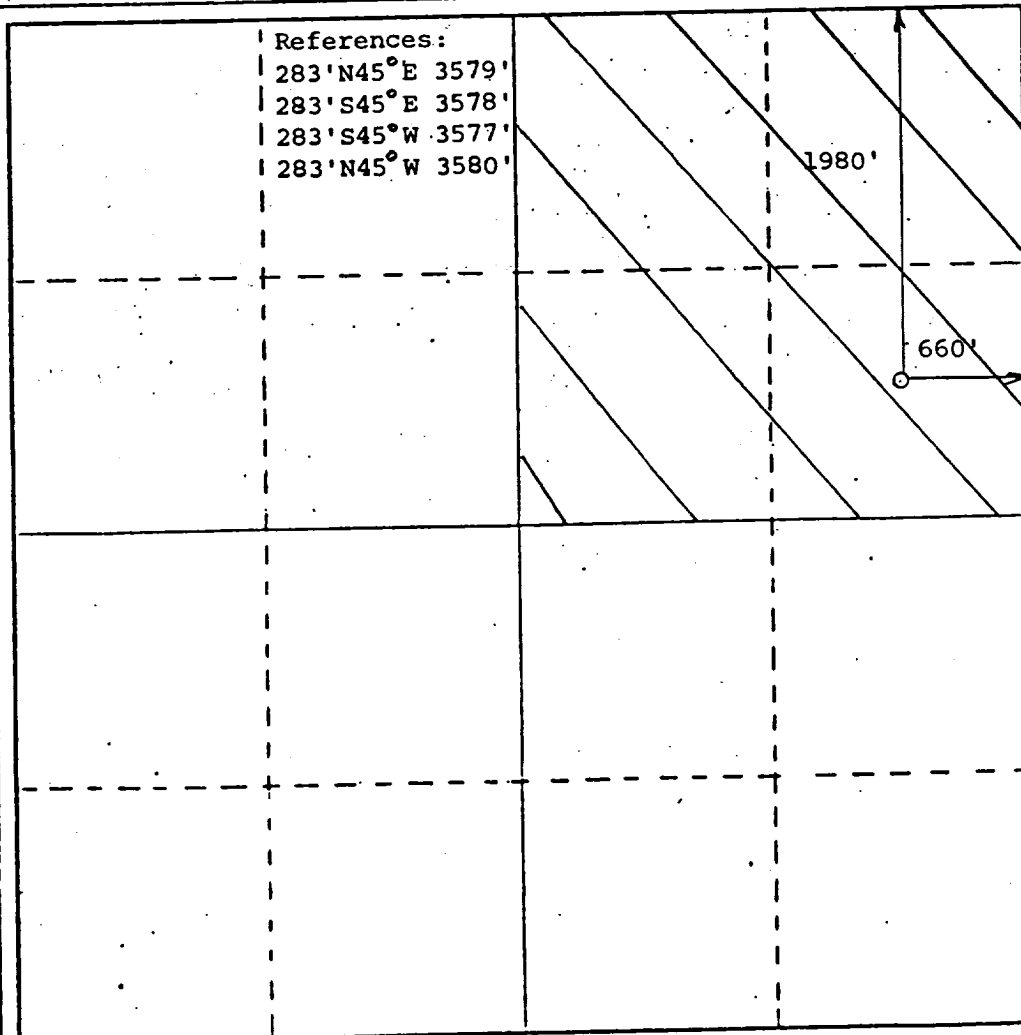
Operator Herman V. Wallis			Lease NM 0223201 <i>Luna Federal</i>		Well No. #2 Luna Federal
Unit Letter H	Section 9	Township 14 South	Range 28 East	County Chaves	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the North line and 660 feet from the East line </div>					
Ground Level Elev. 3578'	Producing Formation Grayburg	Pool Field Sams Ranch - <i>Grayburg</i>	Dedicated Acreage 160 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.

George Lapaseotes
 Name **George Lapaseotes**
 Position **President, POWERS ELEVATION**

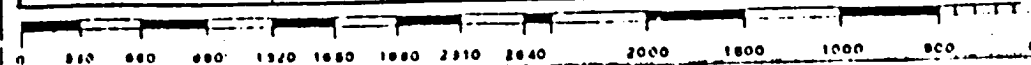
Agent Consultant for

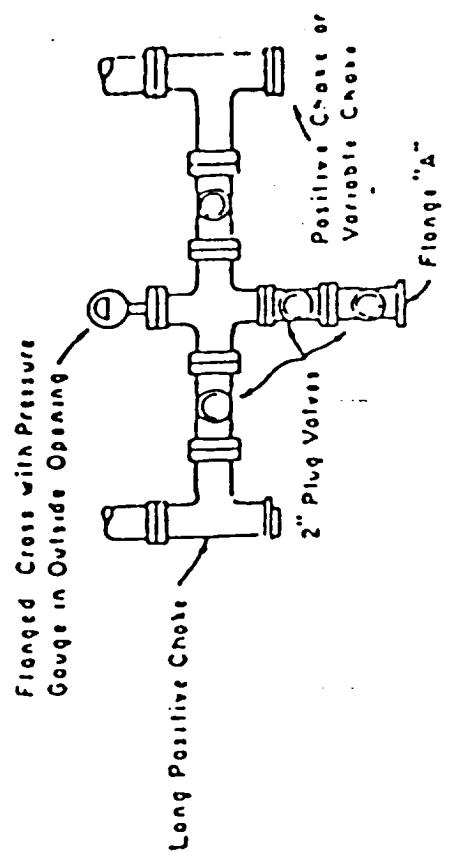
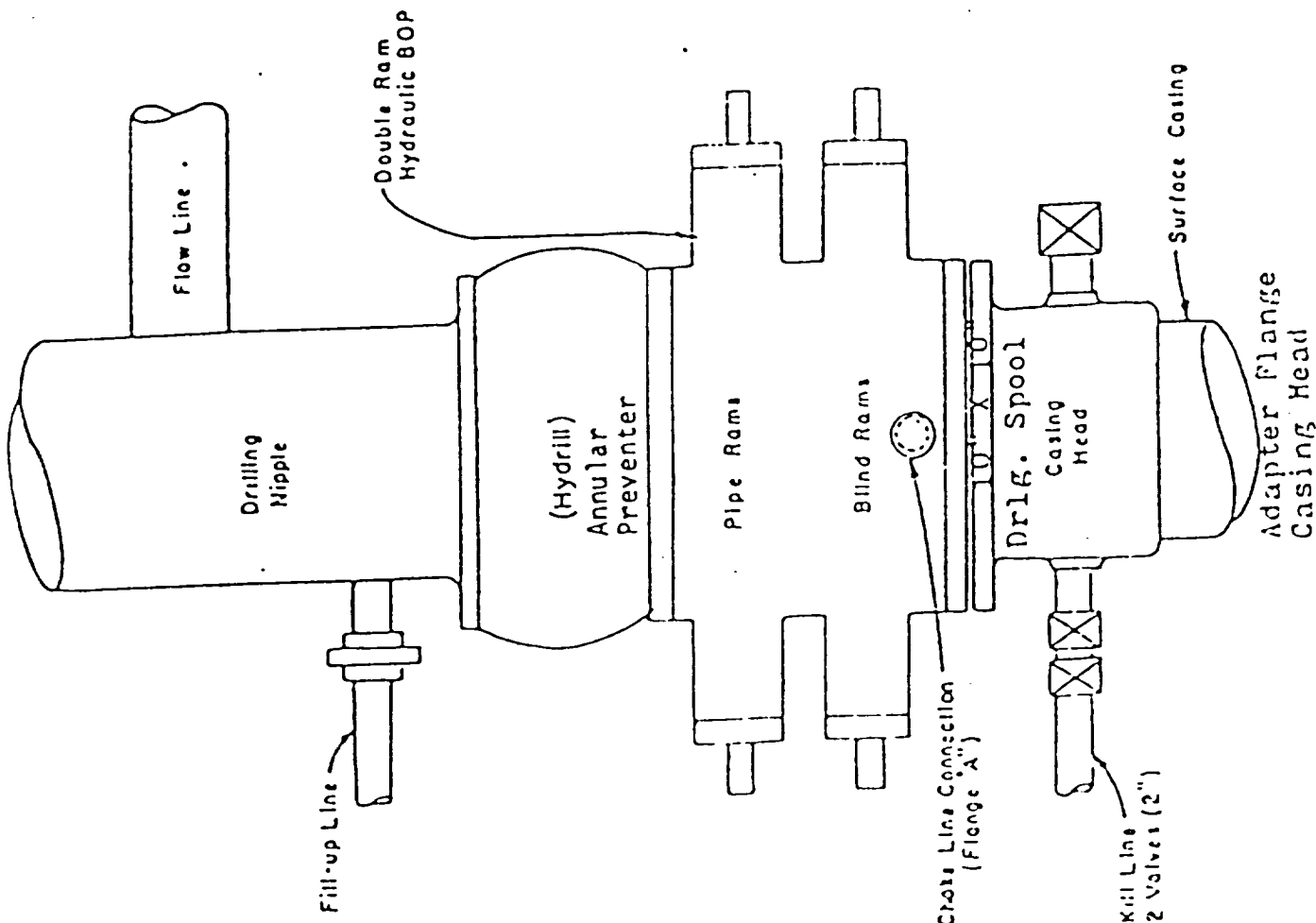
Company
Herman V. Wallis

Date
April 11, 1984

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
George Lapaseotes
 Registered Professional Engineer and a Land Surveyor
 REGISTERED LAND SURVEYOR
 Certificate No. _____





PLAN VIEW - CHOKE MANIFOLD

EXHIBIT "C"
BLOWOUT PREVENTER
DIAGRAM

EXHIBIT "B"
DRILLING PROGRAM TO
ACCOMPANY A.P.D. FORM 3160-3

Attached to Form 3160-3
Herman V. Wallis
#2 Lura-Federal
SE NE Sec. 9 T14S R28E
1980' FNL & 660' FEL
Chaves County, New Mexico

1. The Geologic Surface Formation

The surface formation is the Ochoa.

2. Estimated Tops of Important Geologic Markers

Yates	1210'
7-Rivers	1300'
Queen	1450'
Grayburg	1600'

Total Depth 1800'

3. Estimated Depths (Tops & Bottoms) of Anticipated Water, Oil, Gas or Minerals and Lessee's or Operators Plans for Protection of Such Resources

Ochoa	60' - 150'	Water
Grayburg	1610' - 1720'	Gas

All potential zones will be cemented off.

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW OR USED</u>
12 1/4"	0 - 300'	300'	8 5/8"	24# J-55 LT&C 8rd	New
7 7/8"	0 - 1800'	1800'	4 1/2"	10.5# K-55 ST&C 8rd	New

Herman V. Wallis
#2 Lura-Federal
SE NE Sec. 9 T14S R28E
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EXHIBIT "H"
Drill Rig Layout

Scale: 1" = 50'

