

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

Wallis Exploration, Inc. ✓

## 3. ADDRESS OF OPERATOR

123A Commerce Street, Kerrville, Texas 78028

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

1980' FNL &amp; 660' FWL (SW NW)

At proposed prod. zone Same

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

Location is 18.9 miles east of Hagerman, 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

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

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

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## 19. PROPOSED DEPTH

1800'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3581' GR

## 22. APPROX. DATE WORK WILL START\*

March 28, 1983

## 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# J-55 LT&C	300'	100 sx. Class "C" + 2% CaCl <sub>2</sub>
7 7/8"	4 1/2" New	10.5# J-55 ST&C	1800'	500 sx. Class "H" + 50-50 pbz

1. Drill 12 1/4" hole and set 8 5/8" surface casing to 300' 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 and Elevation Plat  
"B" The Ten-Point Compliance Program  
"C" The Blowout Preventer Diagram  
"D" The Multi-Point Requirements for A.P.D.  
"E" & "E<sub>1</sub>" Access Road Maps to Location  
"F" Radius Map of Field  
"G" & "G<sub>1</sub>" Drill Pad Layout, Production Facilities & Cut-Fill Cross Sections  
"H" Drill Rig Layout

GAS NOT DEDICATED

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

*Laura Walker*

TITLE

*Cont. Sec. Sec.*

DATE

2/11/83

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY

MAR 15 1983

JAMES A. CULHAM  
DISTRICT SUPERVISORAPPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHEDOIL & GAS  
MINERALS DIV. SERVICE  
ROSWELL, NEW MEXICO

RECEIVED

MAR 17 1983

O. C. D.  
ARTESIA OFFICE

FEB 22 1983

NEW MEXICO OIL CONSERVATION COMMISSION EXHIBIT "A"  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-12H  
Effective 1-1-65

Location and  
Elevation Plat

All distances must be from the outer boundaries of the Section.

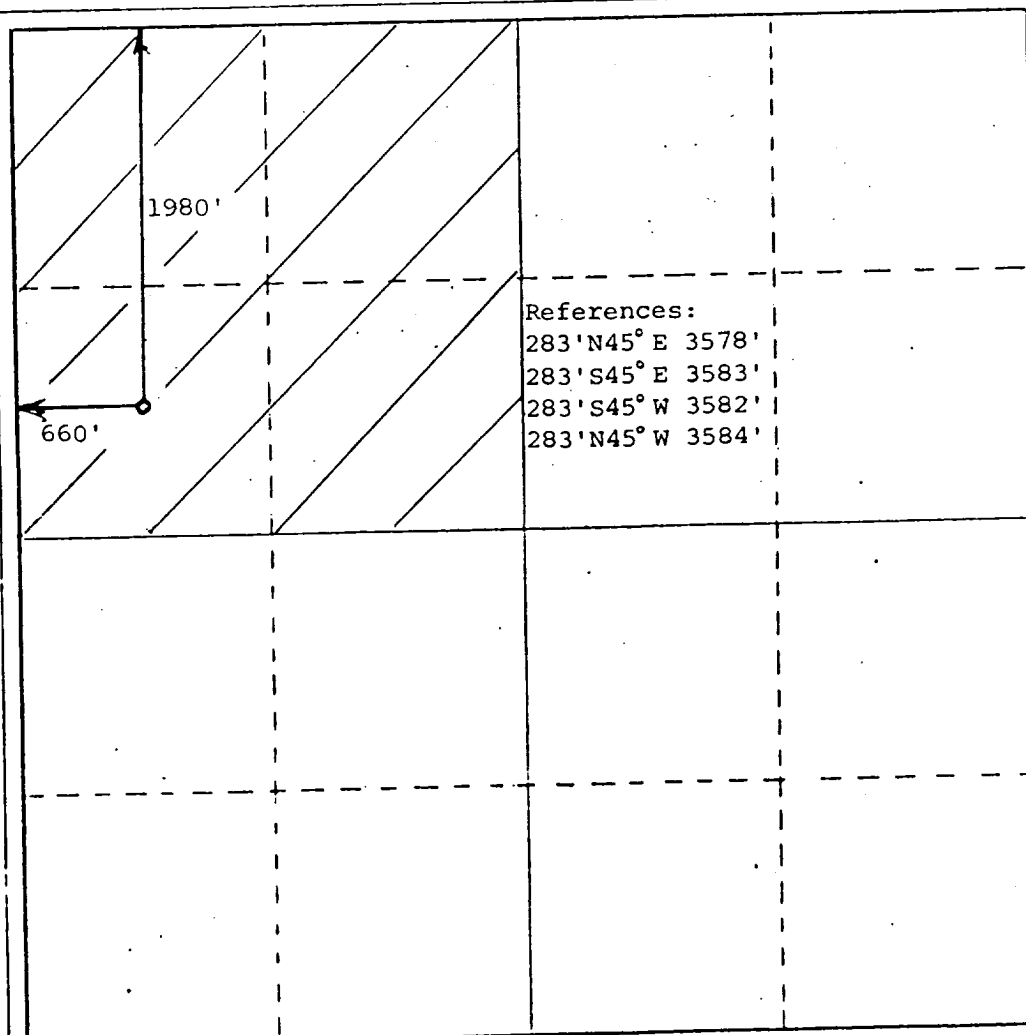
Operator Wallis Exploration, Inc.		Lease NM 0223201		Well No. #1 Howell Fed.
Unit Letter E	Section 10	Township 14 South	Range 28 East	County Chaves
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line				
Ground Level Elev. 3581'	Producing Formation Grayburg	Pool Field-Sams Ranch	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  
Wallis Exploration, Inc.

Date  
February 17, 1983

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

Registered Professional Engineer and a Land Surveyor

*Donald G. Huddleston*  
Certified Registered Land Surveyor  
6844

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400

EXHIBIT "B"  
TEN-POINT COMPLIANCE PROGRAM  
OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C  
Wallis Exploration, Inc.  
#1 Howell  
SW NW Sec. 10 T14S R28E  
1980' FNL & 660' FWL  
Chavez 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'

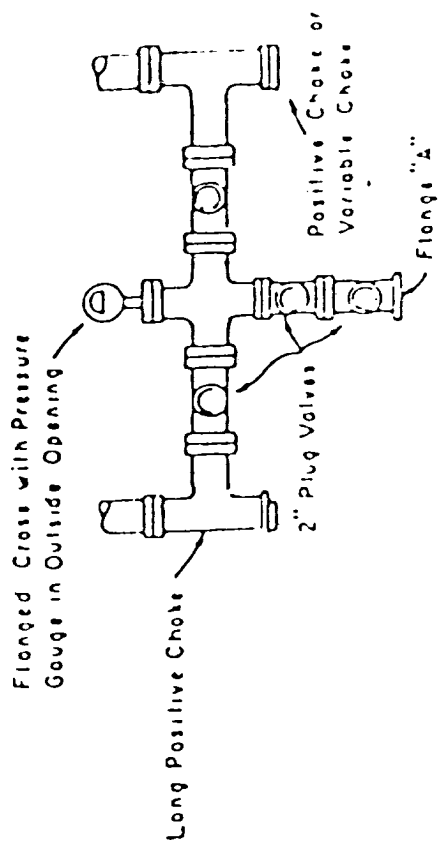
3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

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

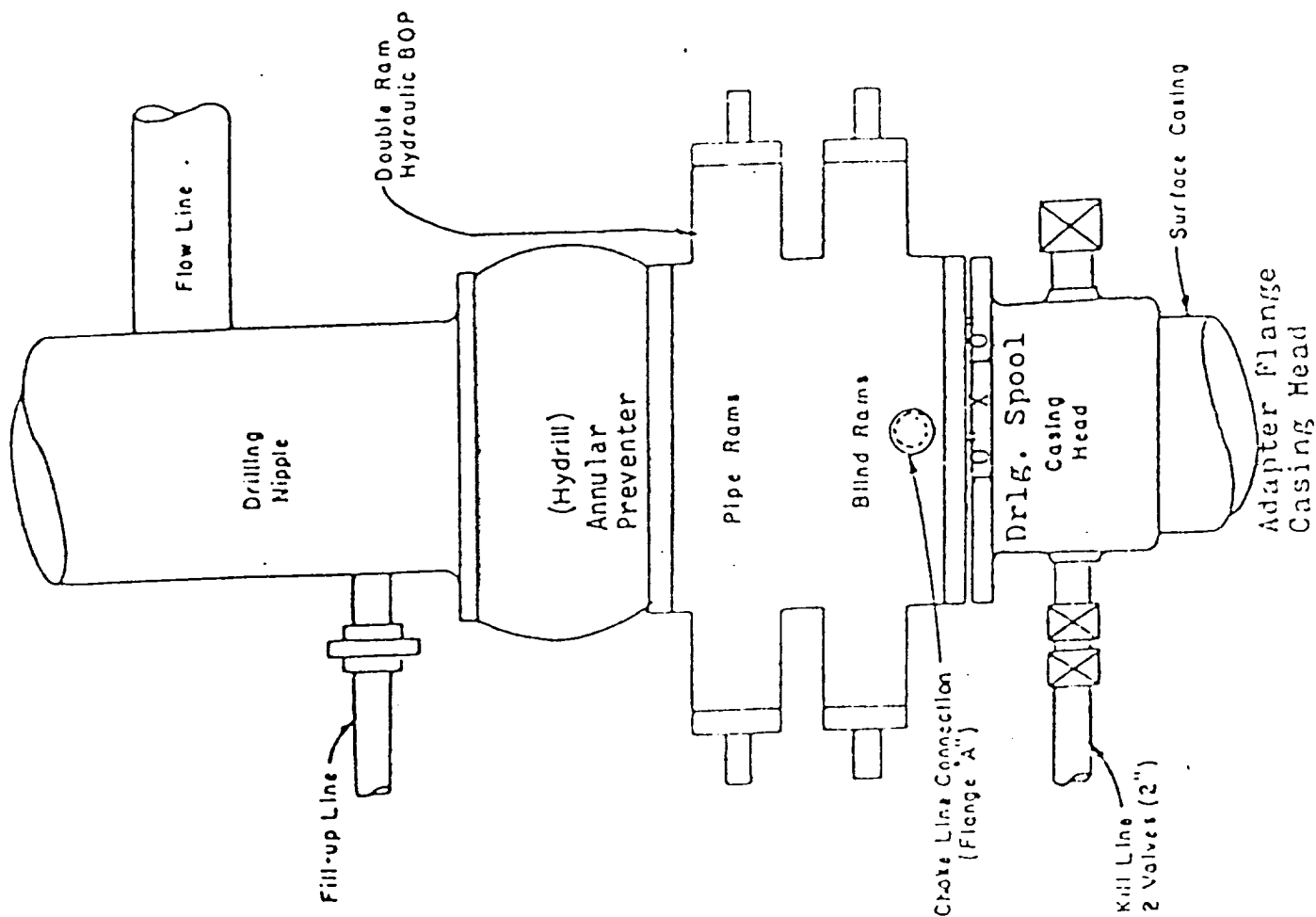
4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; 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# J-55 ST&C 8rd	New

EXHIBIT "C"  
BLOWOUT PREVENTER  
DIAGRAM



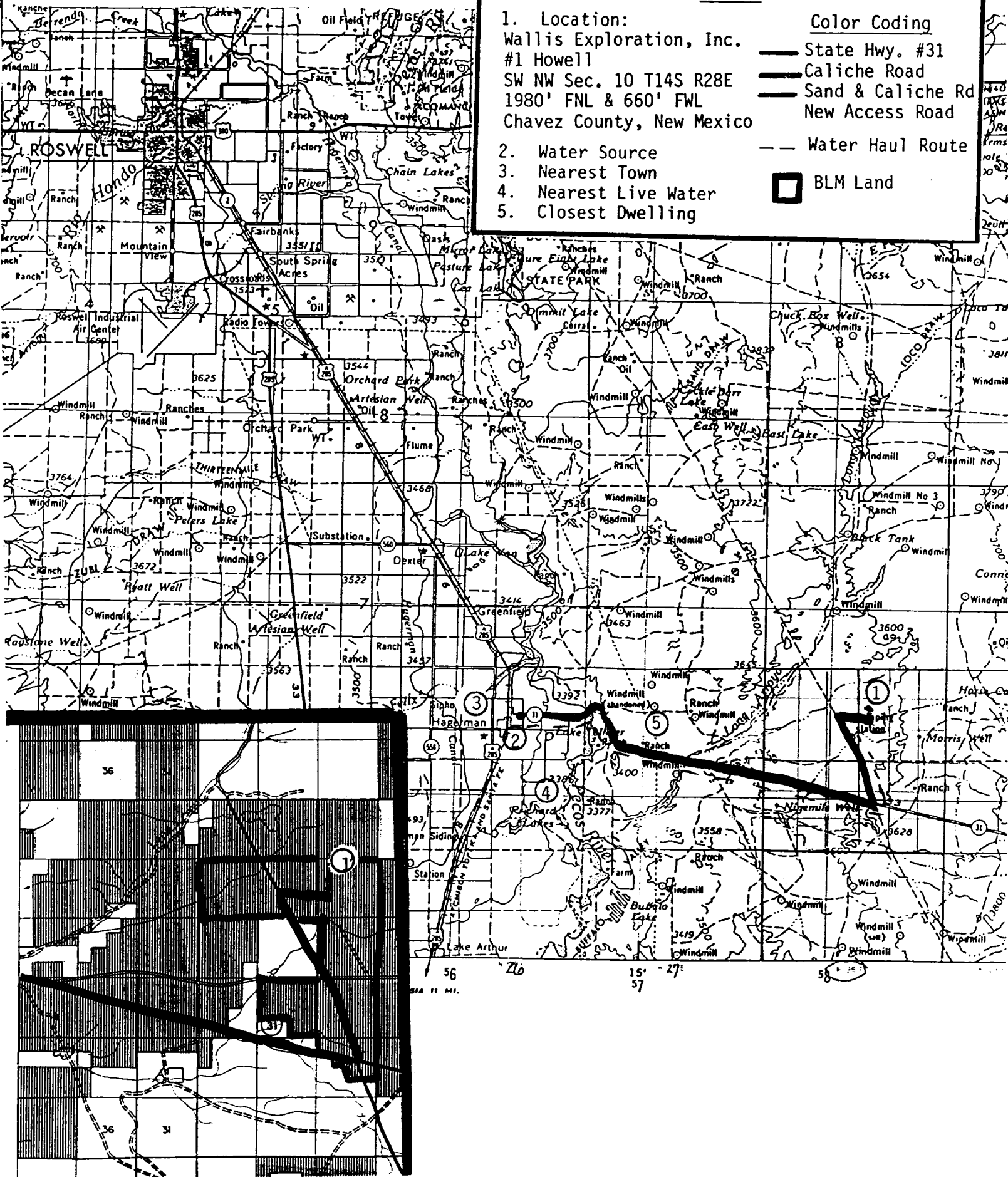
PLAN VIEW-CHOKE MANIFOLD



# EXHIBIT "E" - Access Roads to Location

## LEGEND

- |                           |                     |
|---------------------------|---------------------|
| 1. Location:              | Color Coding        |
| Wallis Exploration, Inc.  | — State Hwy. #31    |
| #1 Howell                 | — Caliche Road      |
| SW NW Sec. 10 T14S R28E   | — Sand & Caliche Rd |
| 1980' FNL & 660' FWL      | — New Access Road   |
| Chavez County, New Mexico | — Water Haul Route  |
| 2. Water Source           | □ BLM Land          |
| 3. Nearest Town           |                     |
| 4. Nearest Live Water     |                     |
| 5. Closest Dwelling       |                     |



**EXHIBIT "E<sub>1</sub>"**  
**Detail of Access Road**

Lease Boundaries →

gas pipeline

Pumping  
Station

**EXHIBIT "E<sub>1</sub>"**

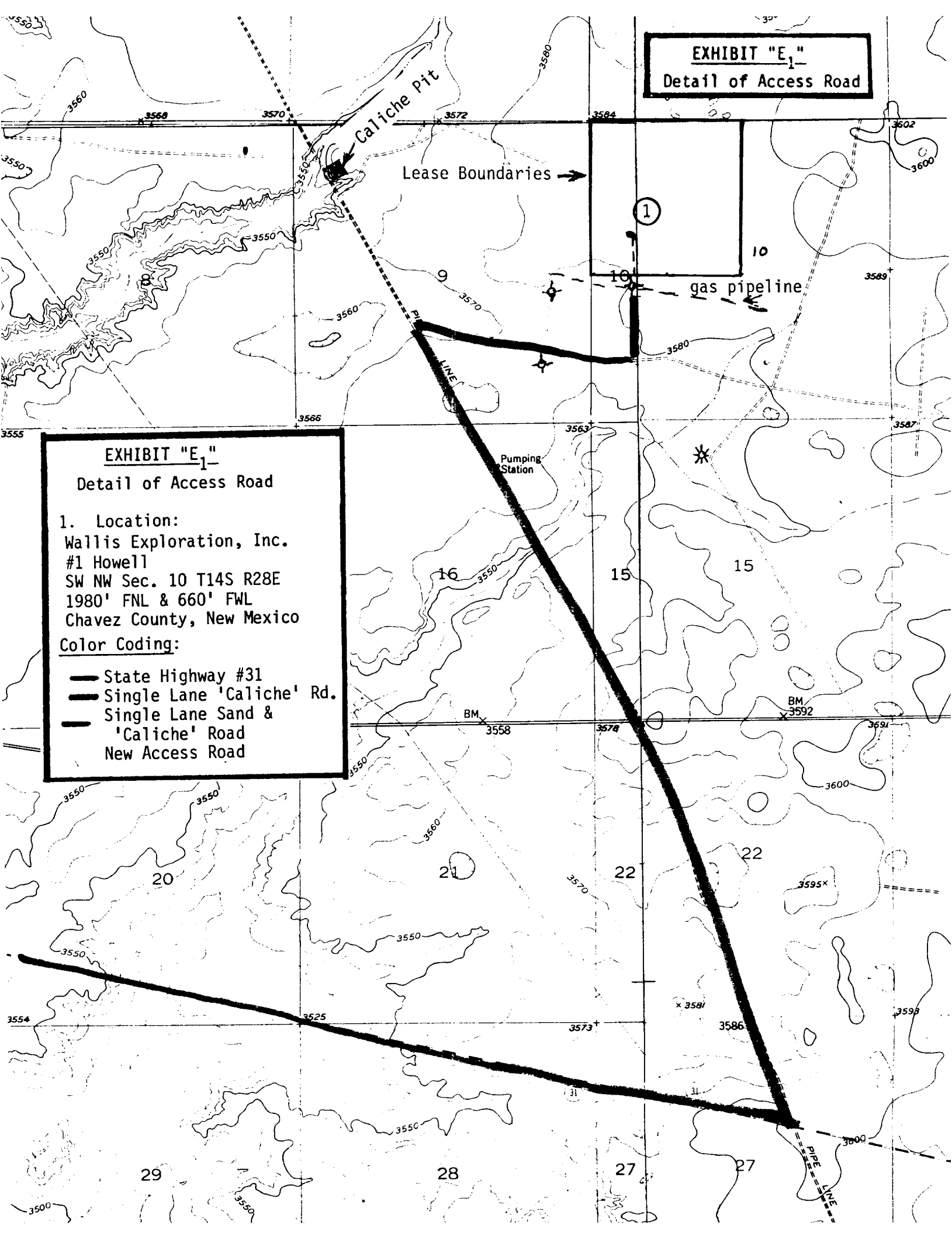
**Detail of Access Road**

**1. Location:**

Wallis Exploration, Inc.  
#1 Howell  
SW NW Sec. 10 T14S R28E  
1980' FNL & 660' FWL  
Chavez County, New Mexico

**Color Coding:**

- State Highway #31
- Single Lane 'Caliche' Rd.
- Single Lane Sand & 'Caliche' Road
- New Access Road

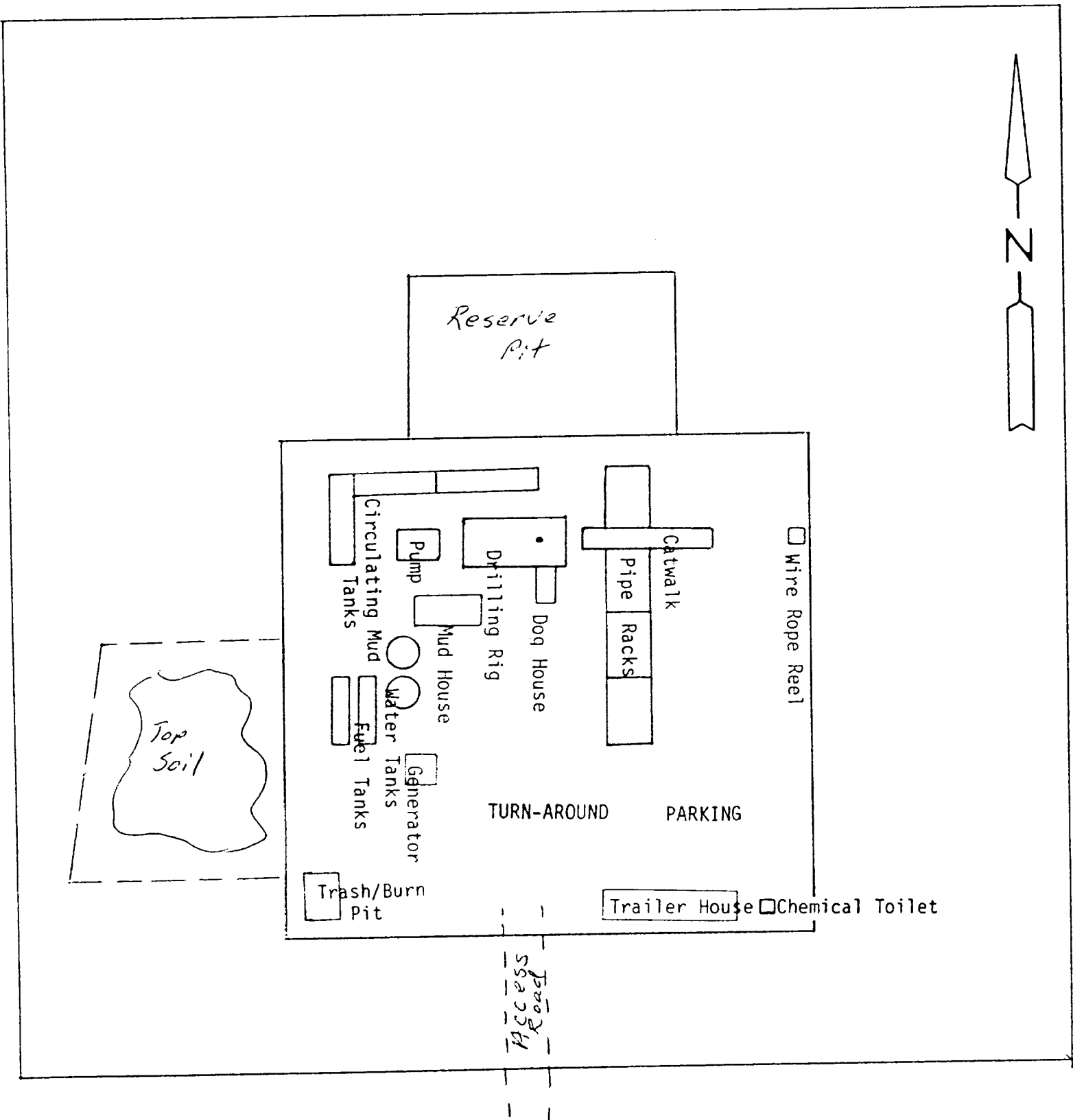


Wallis Exploration, Inc.  
#1 Howell  
SW NW Sec. 10 T14S R28E  
1980' FNL & 660' FWL  
Chavez County, New Mexico

EXHIBIT "H"

Drill Rig Layout

Scale 1" = 50'



Powers Elevation  
Suite 1201 Cherry Creek Plaza  
600 So. Cherry Street  
Denver, Colorado 80222

RE: Filing NTL-6 and A.P.D. Form 9-331C  
Wallis Exploration, Inc.  
#1 Howell  
SW NW Sec. 10 T14S R28E  
1980' FNL & 660' FWL  
Chavez County, New Mexico

Gentlemen:

This is to confirm our understanding with you that Powers Elevation is authorized to act as our agent in the following capacities:

- A. In surveying, staking, and preparing and filing necessary applications, permits and compliance programs, including complete NTL-6 reports, for the above-referenced project.
- B. In accepting on our behalf any changes to location, proposed facilities and/or surface use plan and compliance program requested at on-site inspections, when we are unable to have a Company representative present. Such changes will then be binding upon us or designated Operator.

POWERS' responsibilities do not include construction of location or supervision of drilling, completion or rehabilitation operations.

Wallis Exploration, Inc.  
Company

by: Laura Wallis  
Title: Asst. Sec. Treas.  
Date: February 8, 1983