

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

New Mexico 02218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ingram Federal "33"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 33, T-8-S, R-37-E

12. COUNTY OR PARISH

Roosevelt

13. STATE

N.M.

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

Wainoco, Inc.

3. ADDRESS OF OPERATOR

1306 Gihls Tower West, Midland, Texas 79701

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

At surface

Unit "G" 1980' FNL & 1980' FEL, Sec. 33, T-8-S, R-37-E

At proposed prod. zone

Unit "G" 1980' FNL & 1980' FEL, Sec. 33, T-8-S, R-37-E

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

13 miles SE of Milensand, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

80

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.

1320'

19. PROPOSED DEPTH

5005

20. ROTARY OR CABLE TOOLS

Rotary

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

4014 GL

22. APPROX. DATE WORK WILL START*

10-1-76

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#	375'	500 sx.
7 7/8	4 1/2	10.5#	5005'	300 sx.

Propose to drill a San Andres well using rotary tools to approximately 5005'. Cement will be circulated on the 8 5/8" casing string. Plan to test significant shows and evaluate w/adequate logging program. Completion or abandonment will be performed in accordance w/prudent practices and regulatory body requirements. A double ram series 900 BOP and choke manifold will be used from 8 5/8" casing to total depth.

SEE ATTACHED BOP SKETCH.

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 prevention program, if any.

24.

SIGNED

TITLE

Agent

DATE

10-1-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Unless Drilling Operations have
Commenced, this drilling approval
expires 1-22-77

*See Instructions On Reverse Side

APPROVED
AS AMENDED
OCT 27 1976
ARTHUR R. BROWN
DISTRICT ENGINEER

RECEIVED
JUN 2 1976
OIL CONSERVATION COMM.
HOBBS, N. M.

NE EXICO 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.

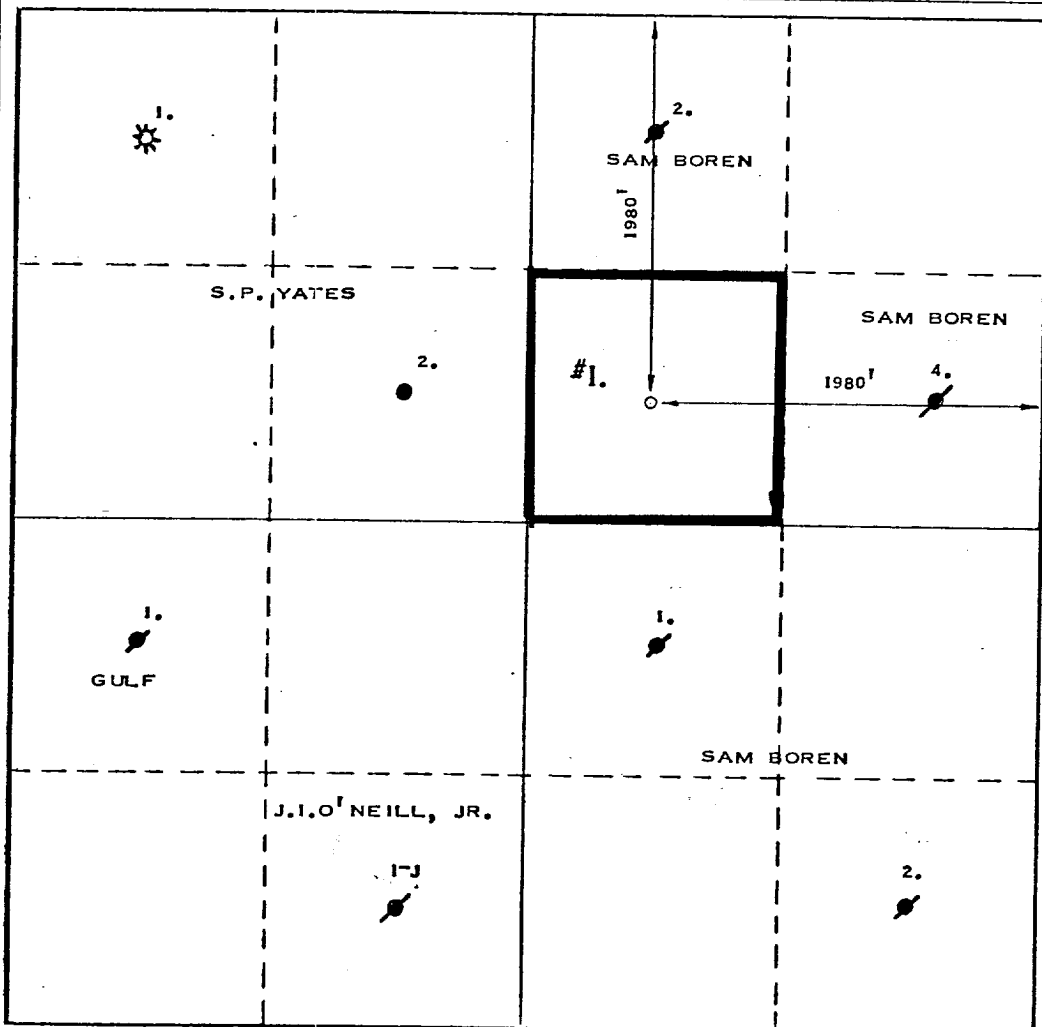
Operator WAINOCO, INC.		Lease INGRAM-FEDERAL "33"		Well No. 1	
Unit Letter "G"	Section 33	Township 8-S	Range 37-E	County ROOSEVELT	
Actual Footage Location of Well: 1980 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 4014	Producing Formation San Andres	Pool Wildcat		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 _____

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.

Name B. Schumacher
 Position Agent
 Company Wainoco, Inc.
 Date 9-20-76

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
AUGUST 5, 1976

Registered Professional Engineer
and Oil and Gas Surveyor
Max A. Schumann Jr.
MAX A. SCHUMANN JR

Certificate No. **1510**

RECEIVED
NOV 2 1976
OIL CONSERVATION COMM.
HOBBS, N. M.

Application for Drilling
Wainoco, Inc.
Ingram-Federal "33"
Roosevelt County, New Mexico

In conjunction with permitting subject well for drilling, in Sec. 33 Township 8 South, Range 37 East, N.M.P.M. Roosevelt County, New Mexico, Wainoco, Inc., submits the following points of pertinent information in accordance with US.G.S. letter of July 1, 1976.

1. The geologic surface formation is Ogallala.
2. The estimated tops of geologic markers are as follows:

Rustler	2310
Salt	2370
Base Salt	2750
San Andres	4090
Pi Marker	4685

3. The depth at which water, oil or gas are expected to be encountered is:

4835'

4. Casing Program:

8 5/8", 28#, K-55, to 375' (used) cement w/500 sx.
4 1/2", 10.5#, J-55 to 5005' (used) cement w/300 sx.

5. Blowout Preventors:

Ram type Series 900 with double Hydraulic rams. This is a Schaeffer blowout preventor (2000# working pressure, 4000# test). The fill, kill and choke lines are indicated on the BOP specification sheet.

6. Circulating Medium

Steel and earthern pits will be used to hole mud and cuttings and the drilling fluids as follows:

Natural mud to 4500', paper to control seepage and reduce filter cake in Santa Rosa. Reduce water loss to 10 and viscosity to 36 from 4500' to T.D. for coring.

Application for Drilling
Wainoco, Inc. - Ingram-Federal "33"
Page 2

7. The rig will be equipped with safety device such as kelly cock, drill pipe float, full opening stabbing valve, inside drill pipe BOP, etc. Operational tests will be run weekly and results noted on tour sheets.
8. One drill stem test will be conducted at depth to be determined. Cores will be cut from 4835-4940 and 4555-5005'.
9. No abnormal pressures or temperatures or potential hazards are expected to be encountered.
10. Anticipated starting date is 10-15-76 with completion of operations expected to be on or about 10-30-76.

Multipoint Surface Use and Operations Plan

Wainoco, Inc.
Well #1 Ingram-Federal "33"
1980' FNL & 1980' FEL Sec. 33, T-8-S, R-37-E
Roosevelt County, New Mexico
Lease New Mexico 02218

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbances involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

1. Existing Roads:

- A. Existing roads in the vicinity of planned well are shown on the attached Exhibit "E". The well is located approximately 12 miles SE of Milensand, N.M. To reach location, go east from Milensand on State Highway 262 for 13 miles, turn south and go 2 miles on county road, then turn west on unimproved road for 1 1/2 miles, then thru cattle guard on left, go 1/8 mile then left again and follow main traveled caliche road for 1 1/2 miles, then right 1/8 mile to location. This route is marked with red from Highway 262 to location.

2. Planned access roads:

- A. New road required will be 12 feet wide and 800 feet long. This new road is labeled and color coded green on Exhibit "B". The center line of the proposed new road from the beginning to the wellsite, had been staked and flagged with the stakes being visible from any one to the next.
- B. Surfacing material will be six inches of caliche, water, compacted and graded.
- C. Max Grade will be 3 percent.
- D. New road will have a drop of 6 inches from center line on each side.

- E. There will be no cuts or fills.
 - F. The road will not require any turnouts, culverts, gates or cattleguards.
3. Location of Existing Wells
- A. Existing wells within a one-mile radius are shown on Exhibit "B".
4. Location of Existing and/or Proposed Facilities
- A. There is no production equipment on this lease at present. If production is established, a tank battery will be built on the drilling pad and no additional surface disturbance will occur.
5. Location and type of water supply
- A. Water will be purchased and trucked to the wellsite over existing roads shown on Exhibit "A".
6. Source of construction materials
- A. Caliche for road repair and the well pad will be obtained from an existing pit in the SE 1/4 SE 1/4 Sec. 28, T-8-S, R-35-E. The pit is on land owned by Mr. Arlon E. Perkins and Mr. Alton A. Perkins. Location of the pit is shown on Exhibit "A".
7. Methods of Handling Waste Disposal
- A. Drill cuttings will be disposed of in the drilling pits.
 - B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
 - C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in the test tanks until sold.
 - D. Sewage will be collected in a pit at least 6' deep below an outside latrine. Suitable chemical will be added to aid decomposition of the waste material and then back filled following completion of the well.

- E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "C".
- F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. Ancillary Facilities

- A. None required.

9. Wellsite Layout

- A. Exhibit "C" shows the relative location and dimension of the well pad, mud pits, reserve pit, trash pit and location of major rig components.
- B. Only minor leveling of the wellsite will be required. No significant cuts and fills will be necessary.
- C. The reserve pit will be plastic lined.
- D. The pad and pit area has been staked and flagged.

10. Plans for restoration of the surface.

- A. After completion of drilling and/or completion operations all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment of the well, surface restoration will be in accordance with the agreement with the surface owner. Pits will be filled and location will be cleaned. The pit area, well pad, and all unneeded access road will be ripped to promote revegetation. Rehabilitation should be accomplished within 90 days after abandonment.

11. Other Information

A. Topography

Land surface is undulating to gently rolling and dunny. From an elevation of 4014' at the wellsite, the land surface slopes from toward the southeast at about 20' per mile.

B. Soil

Soil is a deep fine sand underlain by caliche.

C. Flora and Fauna

The vegetative cover is generally sparse and consist of shinnery oak, yucca and perenial native range grasses. Wildlife in the area is that typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, dove and quail.

D. Ponds and Streams

There are no rivers, streams, lakes or ponds in the area.

E. Residences and other Structures

The nearest occupied dwelling is a ranch house 1 3/4 miles N.W. of the wellsite. The nearest water well is a windmill 1 1/4 miles north.

F. Archeological, Historical & Cultural Sites

None observed in the area.

G. Land Use

Grazing and hunting in season.

H. Surface Ownership

Wellsite is on privately owned land.

12. Operators Representative

The field representative responsible for assuring compliance with the approved surface use and operations plan are as follows:

Multipoint Surface Use and Operations Plan
Wainoco, Inc., Ingram-Federal "33"
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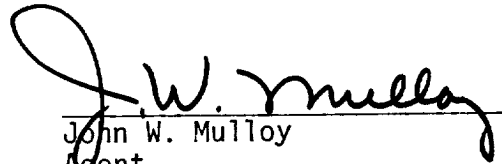
John Mulloy
1306 Gihls Tower West
Midland, Texas 79701
Office Phone: 915/684-7877
Home Phone: 915/682-9642

Bob Schmucker
1306 Gihls Tower West
Midland, Texas 79701
Office Phone: 915/684-7877
Home Phone: 915/683-2316

13. Certification

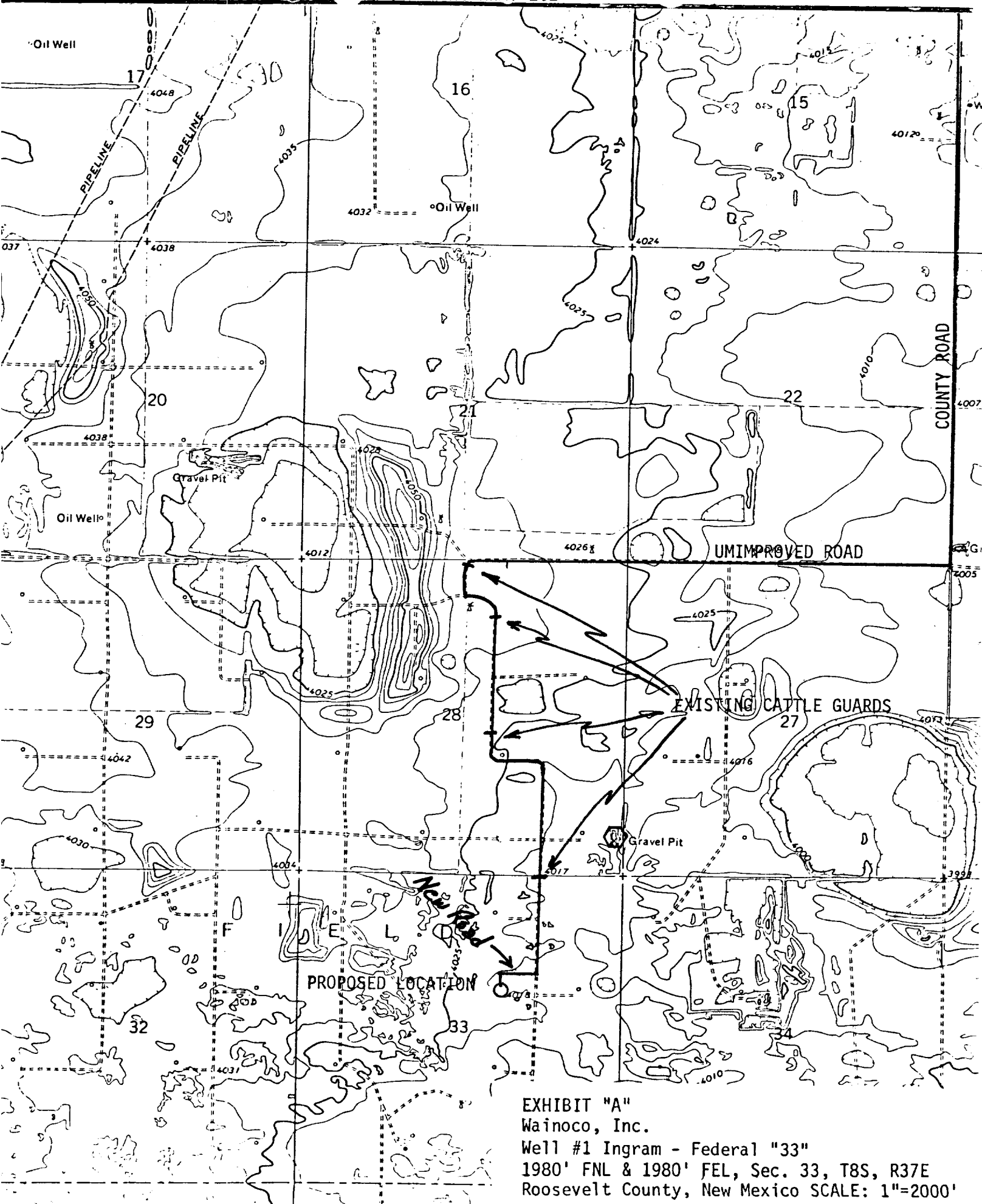
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Wainoco, Inc., and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10-1-76
Date


John W. Mulloy
Agent
Wainoco, Inc.

BLUIT (IN MEX 262) 0.3 MI

1. STATE HIGHWAY 262



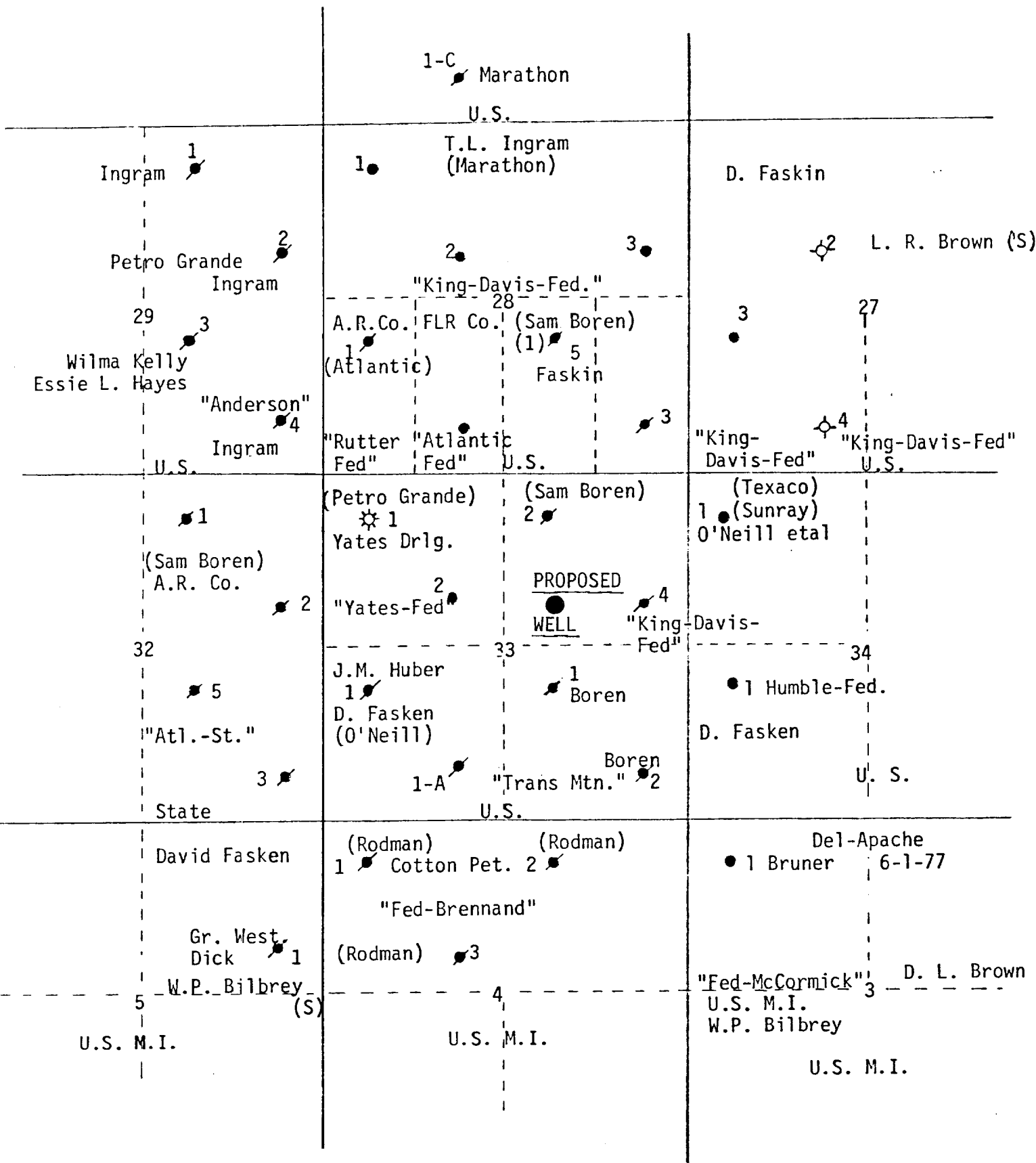


EXHIBIT "B"

Wainoco, Inc.

Well #1 - Ingram Federal "33"

1980' FNL & 1980' FEL Sec. "33", T-8-S, R-37-E
Roosevelt Co., N. M. Scale 1" = 2000'

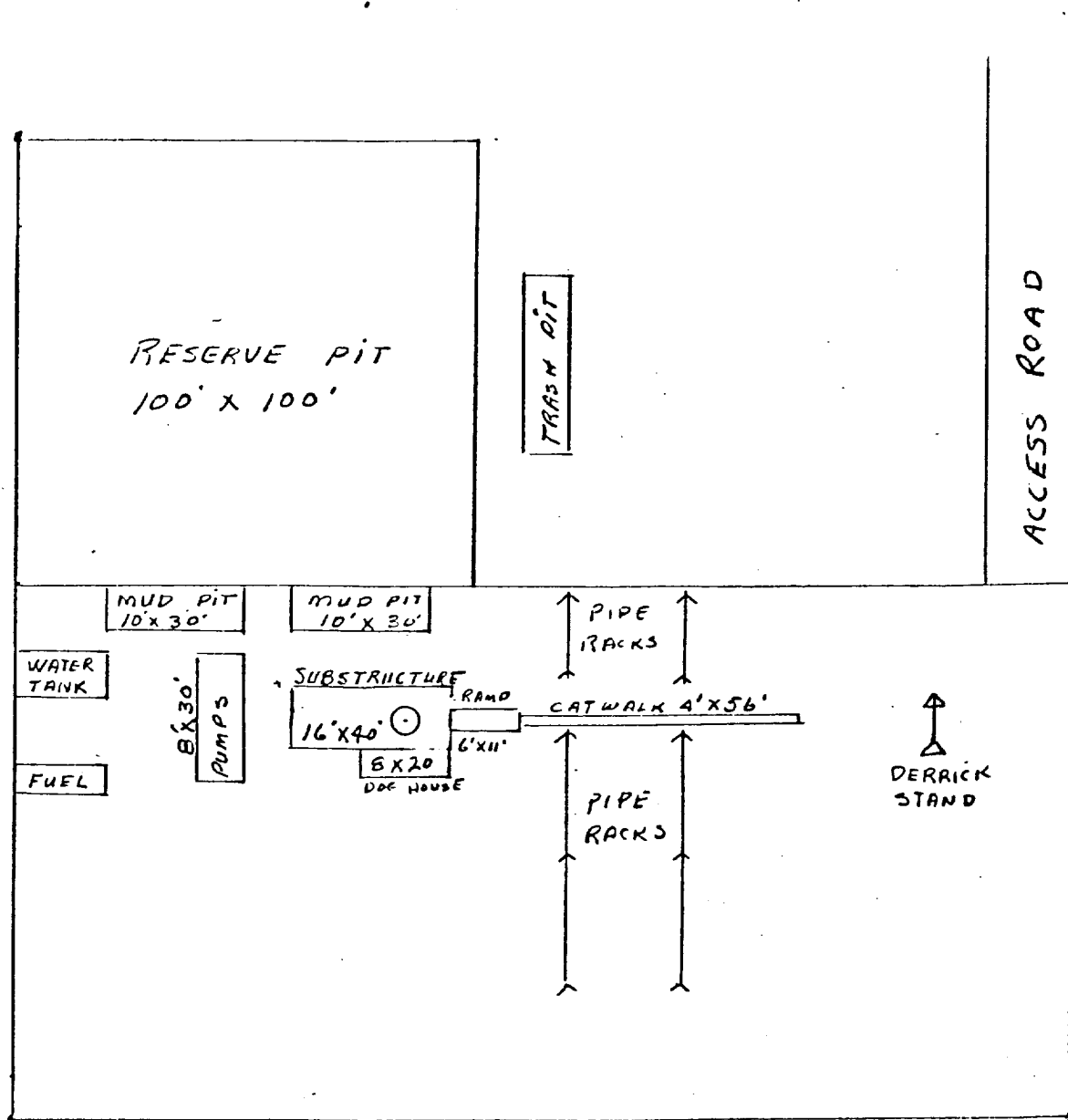


EXHIBIT "C"
Rig Layout
Wainoco, Inc.
Well #1 Ingram-Federal "33"
Scale: 1' = 40'

1 - 7 station Koomey Accumulator

1 - Koomey Remote Stand

5000 WP Manifold

1 - 10⁰ Shaeffer Double BOP 900 Series, 3000 WP

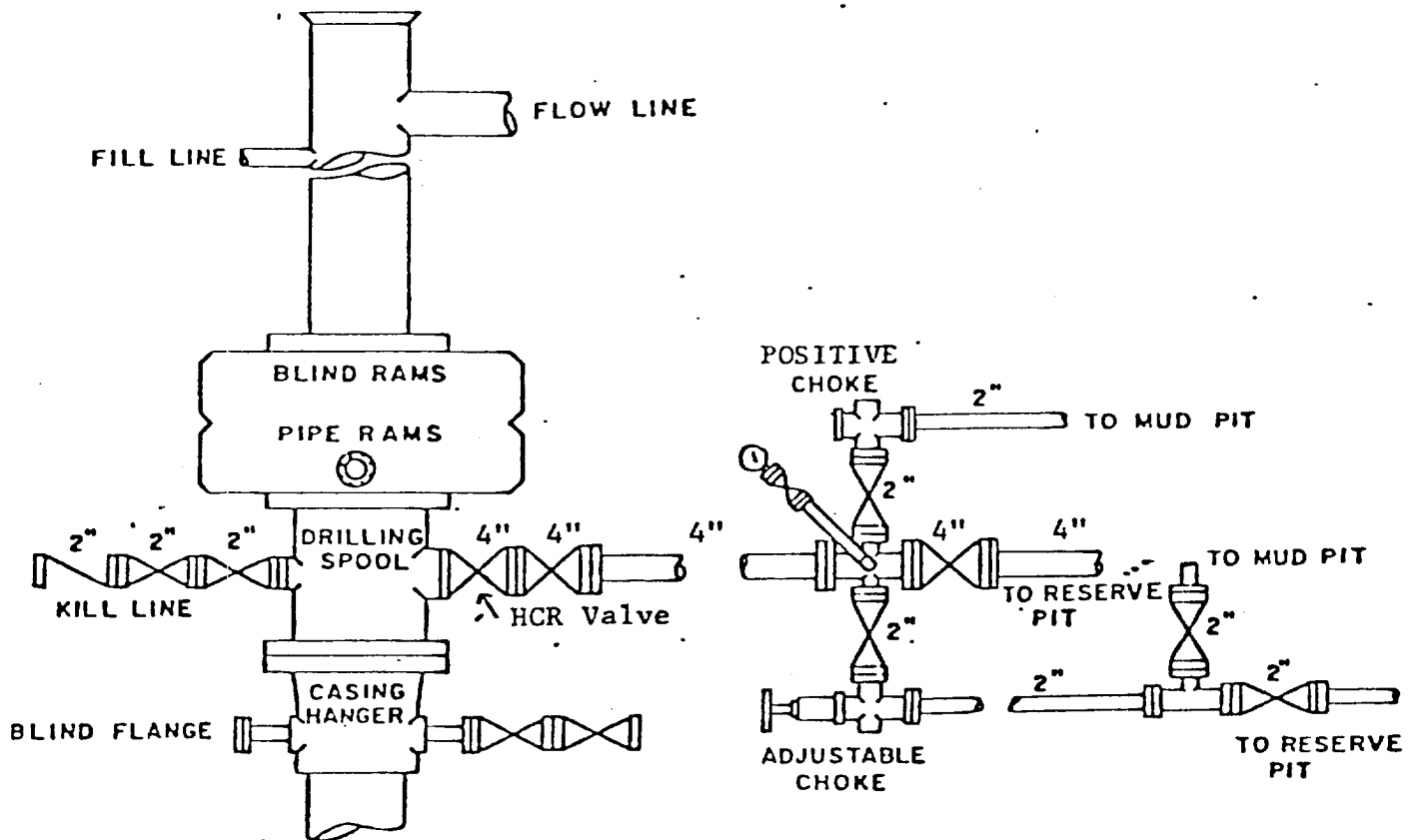


Exhibit "D"
BOP Sketch
Wainoco, Inc.

Well #1

Ingram Federal "33"

[illegible]

SURFACE DAMAGE RELEASE

THE UNDERSIGNED, for and in consideration of the amount shown below, the receipt of which is hereby acknowledged, releases WAINOCO, INC., its successors, assigns, agents, contractors and employees, from all claims of every kind and character, whether known or unknown, arising out of or in anywise incident to the construction of an access road and drill pad, with appurtenances thereto, over and through the hereinafter described property. The location of the drill pad and access road is delineated on the plats attached hereto marked Exhibits "A" and "B".

The undersigned is legally in possession of the property described below and entitled to receive and receipt for the damages for which payment is hereby acknowledged.

ROOSEVELT

DESCRIPTION OF PROPERTY SITUATED IN ~~Lea~~ County, State of New Mexico:

Subdivision	Section	Township	Range	B&M
SW $\frac{1}{4}$ NE $\frac{1}{4}$	33	8 South	37 East	N.M.P.M.

Received of WAINOCO, INCORPORATED the amount of \$490.00

DATED THIS 28 DAY OF September 1976 A.D.

Elvira Apodaca
Witness

William S. Huey
New Mexico Department of Game and Fish

STATE OF NEW MEXICO)
COUNTY OF SANTA FE)

The foregoing instrument was acknowledged before me this 28th day of September, 1976, by William S. Huey, Director New Mexico Department of Game and Fish, on behalf of said Department.

My Commission Expires:

April 18, 1978

Pita Sanchez
Notary Public

U. S. GEOLOGICAL SURVEY
P. O. Box 1157
Hobbs, New Mexico 88240

HOBBS DISTRICT

Wainoco, Inc.
No. 1 Ingram Federal "33"
SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33-8S-37E
Roosevelt County, N. M.

Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to the attached sheet for general requirements for drilling and producing operations.
2. Notify this office (telephone (505) 393-3612) when the well is spudded and in sufficient time for a representative to witness cementing operations.
3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.
4. Secure prior approval before changing the approved drilling program or commencing plugging operations, plug-back work, casing repair work, or corrective cementing operations.
5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.
6. A kill-line is to be properly installed and is not to be used as a fill-up line.
7. Blowout preventers are to have proper casing rams when running casing.
8. Drill string safety valve(s) to fit all pipe in the drill string to be maintained on the rig floor while drilling operations are in progress.
9. Blowout prevention drills are to be conducted as necessary to assure that equipment is operational and that each crew is properly trained to carry out emergency duties. All BOP tests and drills are to be recorded on the driller's log.
10. 8-5/8" surface casing should be set in the Rustler Anhydrite formation and cement circulated to the surface. If surface casing is set at a lesser depth, the 4 1/2" casing must be cemented from the casing shoe to the surface, or cemented to the surface through a stage tool set at least 50 feet below the top of the Rustler, after cementing around the shoe with the specified amount of cement.
11. Operations must be in compliance with the provisions of the landowner agreement concerning surface disturbance and surface restoration.
12. If, during operations, the operator or any person working in his behalf, discover any historic or prehistoric ruin, monument or site, or any object of antiquity subject to the Antiquities Act of June 8, 1906, (34 Stat. 225, 16 U.S.C. Secs. 431-433), and 43 CFR Part 3, then work will be suspended and the discovery promptly reported to the District Manager. The Bureau will then take such action as required under the Act and regulations thereunder. When directed by the District Manager, the operator will obtain, at his expense, a qualified archaeologist to examine and, if necessary, prepare a report.