C-SF

30-015-23040

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OCT 22 1979
O. C. C.
ARTESIA, OFFICE

Sec. 26-T22S-R24E

12. COUNTY OR PARISH	13. STATE
Eddy	NM

16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
440	320

19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
11,000'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4093' GL

22. APPROX. DATE WORK WILL START*
Nov. 1, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#	2,500'	900 sx - Circulate
7-7/8"	5½"	17#	11,000'	TOC @ 9,500'

Mud Program:
0' - 2,500' Fresh water spud mud
2,500' - 10,300' Brackish water 8.5 - 10.0 ppg
10,300' - 11,000' Brine water polymer

See BOP Drawing No. 3a attached.

Gas is not dedicated.

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

NSL 1089
10-3-79

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 _____ TITLE Area Production Manager DATE 9-24-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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OCT 22 1979

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ARTESIA, OFFICE

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SEP 28 1979

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Federal #[illegible]791
Monsanto-(½) [illegible] Midland
Nat'l Bank Bldg, Midland, TX 79701
Paskin, David-(½) 608 1st
Nat'l Bank Bldg, Midland,
TX 79701

Federal #30393
Gulf Oil Corporation

R. C. Anderson

Area Production Manager

Gulf Oil Corporation

9-24-79

See attached Unit outline

September 10, 1979

United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U
Artesia, New Mexico 88210

October 18, 1979

Gulf Oil Corporation
P. O. Box 670
Hobbs, New Mexico 88240

Gentlemen:

GULF OIL CORPORATION Truitt Ranch Unit No. 1 1625 FSL 1655 FWL Sec. 26 T.22S R.24E Eddy County Lease No. NM 30393
Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 11,000 feet to test the Morrow is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Oil and Gas Operations on Federal Leases, dated July 1, 1978.

2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the Surface Use Plan and these Conditions of Approval including the attached General Requirements.

3. Submit a Daily Report of Operations from spud date until the well is completed and the Well Completion Report (form 9-330) is filed. The report should not be less than 8" x 5" in size and each page should identify the well.

4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Guidelines. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).

5. Before drilling below the 9-5/8" casing, the blowout preventer assembly will consist of a minimum of one annular type and two ram type preventers.

6. A kelly cock will be installed and maintained in operable condition.

7. After setting the 9-5/8" casing string and before drilling into the Wolfcamp formation, the blowout preventers and related control equipment shall be pressure tested to rated working pressures by an independent service company. Any equipment failing to test satisfactorily shall be repaired or replaced. This office should be notified in sufficient time for a representative to witness the tests and shall be furnished a copy of the pressure test report.

8. Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be installed and operating before drilling into the Wolfcamp formation and used until production casing is run and cemented. Monitoring equipment shall consist of the following:

   (1) A recording pit level indicator to determine pit volume gains and losses.

   (2) A mud volume measuring device for accurately determining mud volume necessary to fill the hole on trips.

   (3) A flow sensor on the flow-line to warn of any abnormal mud returns from the well.

9. Notify the Survey in sufficient time to witness the cementing of the 9-5/8" casing.

10. Cement behind the 9-5/8" casing must be circulated.

11. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

In regard to surface use the following special condition(s) must be observed for this well:

Use pad that is located 2390 FNL and 330 FEL of Section 14, T. 22S., R. 24E., for caliche and reshape area after caliche is removed. Also, cattleguard on existing road is to be left for access.

Sincerely yours,

George H. Stewart
Acting District Engineer

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

October 3, 1979

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

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OCT 5 1979

O. C. C.
ARTESIA, OFFICE

Gulf Oil Exploration and
Production Company
P. O. Box 670
Hobbs, New Mexico 88240

Attention: R. C. Anderson

Administrative Order NSL-1089

Gentlemen:

Reference is made to your application for a non-standard location for your Truitt Ranch Unit Well No. 1 to be located 1625 feet from the South line and 1655 feet from the West line of Section 26, Township 22 South, Range 24 East, NMPM, a wildcat, Eddy County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

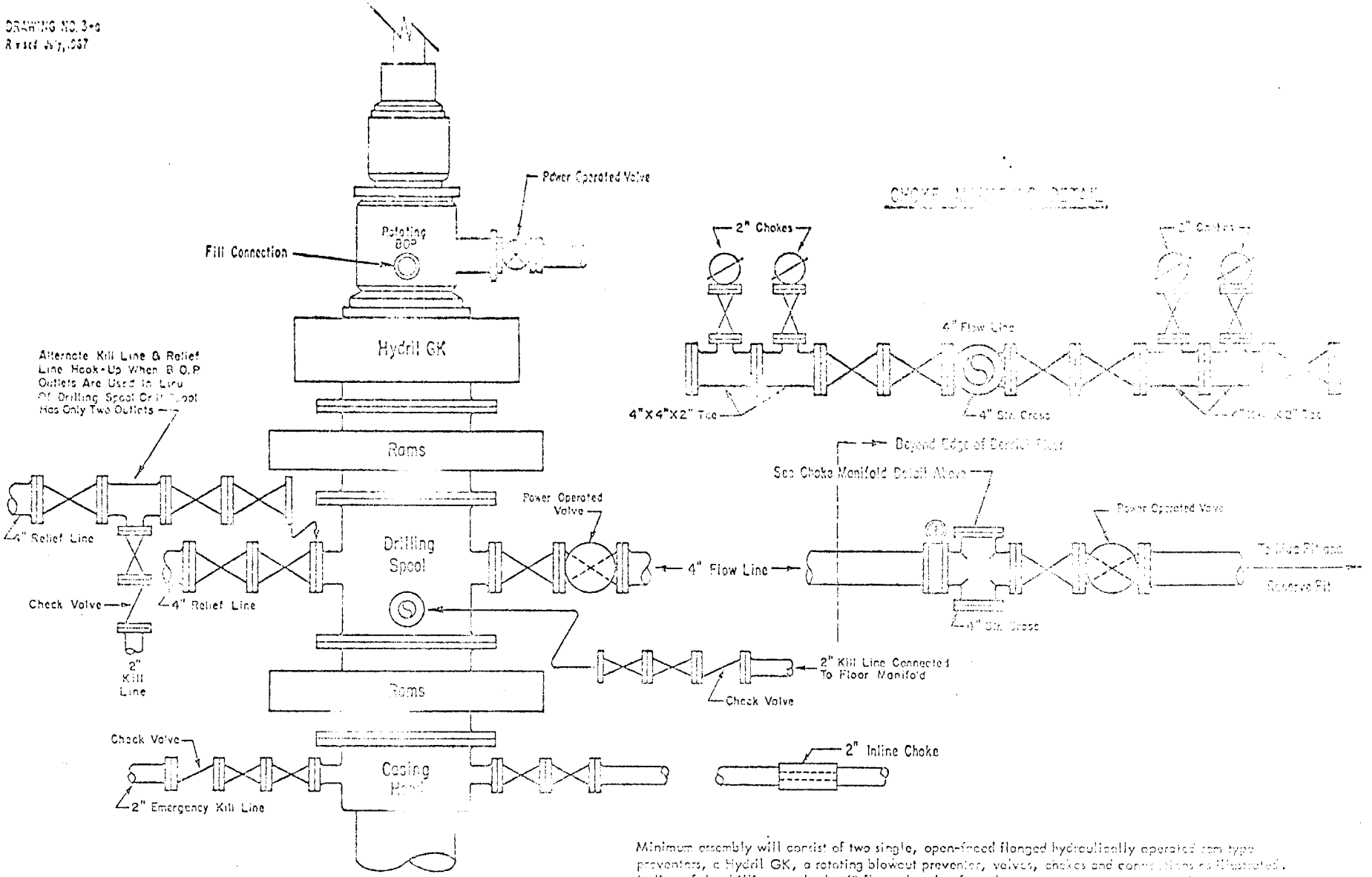
Sincerely,

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Artesia
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Artesia

DRAWING NO. 3-a
Revised July, 1967



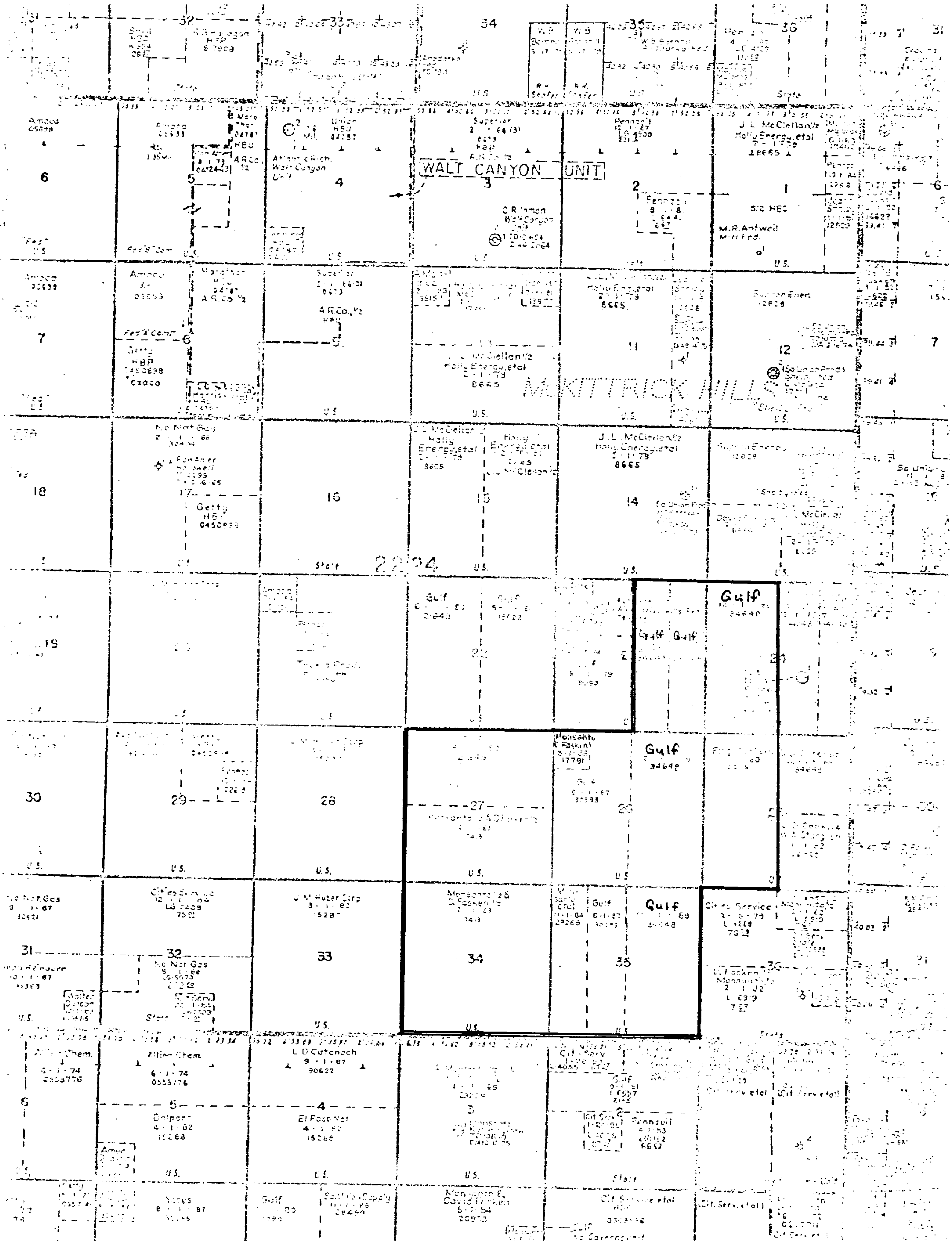
3000 - 5000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Minimum assembly will consist of two single, open-faced flanged hydraulically operated ram type preventers, a Hydril GK, a rotating blowout preventer, valves, chokes and connections as illustrated. In lieu of the drilling spool, the 4" flanged outlets from the ram type preventers, provided the outlets are 4", may be used for connecting the flow line, relief line and kill line. If a tapered drill string is used, extra ram preventers will be required.

Minimum operating equipment for the preventers will be: (1) Air or power operated pumps, and (2) accumulator(s) with means of obtaining a fluid charge. A closed system is required. The steel manifold and remote closing manifold will have a separate four-way valve for each pressure operated device, and a regulator for the Hydril will be provided. * Sufficient fluid capacity in the accumulator(s) shall be available to close all the pressure operated devices at the same time plus 25 percent reserve. Gulf Legion No. 22 hydraulic oil or an equivalent or better shall be used as the operating fluid. Seamless steel piping shall be used to connect from the closing unit to the preventers. Piping is to be tested to maximum rated fluid pump pressure.

The choke manifold and flow lines shall be supported by metal stands or reinforced concrete. The choke lines shall be anchored. No sharp bends or curves will be permitted in the flow lines from the preventers to the pits. Easy and safe access will be maintained to choke manifold at all times. If deemed necessary by Gulf, walkways and stairways will be provided to and around choke manifold. All valves throughout the assembly shall be selected for operation on both gas and fluids. The ram type preventers and hydraulically operated valves will be provided with [illegible] extensions, universal joints, if needed, and operating wheels which are to extend beyond edge of derrick substructure.

* Each four-way valve will be labeled so as to designate which pressure operated device it controls.



WALT CANYON UNIT
McKITTRICK HILLS
22 24
Amoco
Superior
Union
Pennzoil
J. L. McClellan ½
Holly Energy et al
Atlantic Rich. Walt Canyon Unit
C.R. Inman Walt Canyon Unit
M.R. Antweil M-H Fed.
Getty HBP Texaco
Marathon
A.R.Co. ½
Sutton Energy
No. Nat. Gas
Gulf
Monsanto D. Faskin
Monsanto ½ & D. Faskin ½
Cities Service
J. M. Huber Corp
Allied Chem.
L. D. Catanach
El Paso Nat.
Dalport
Yates
Pennzoil
Cit. Service et al
Monsanto & David Faskin
Sol Union Prod.
Fed. & Com.
State
U.S.

Gulf Oil Exploration and Production Company

September 24, 1979

United States Geological Survey
P.O. Drawer "U"
Artesia, NM 88210

Gentlemen:

The following is Gulf Oil Corporation's plan for surface restoration associated with the drilling of our No. 1 Truitt Ranch Unit to be located 1625 feet from the south line and 1655 feet from the west line of Section 33, Township 22 South, Range 24 East, Eddy County, New Mexico.

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 the location cleaned of all trash and junk to leave the well site in as aesthetically pleasing condition as possible. Any unguarded pits containing fluids will be fenced until they are filled.

After abandonment of the well, surface restoration will be in accordance with the agreement with the surface owner. Pits will be filled and the location will be cleaned. The pit area, well pad and all unneeded access roads will be ripped to promote revegetation. Rehabilitation should be accomplished within ninety (90) days after abandonment.

Yours very truly,

R. C. Anderson

GSP:ctw

Subscribed and sworn to before me this 25th day of September, 1979.

Notary Public
Lea County, New Mexico

My Commission Expires: 3-27-83

A DIVISION OF GULF OIL CORPORATION

Gulf Oil Exploration and Production Company

P. O. Box [illegible]
[illegible], ROCKY AREA

September 24, 1979

P. O. Box [illegible]
Hobbs, NM 88240

Re: Application for Permit to Drill
Truitt Ranch Unit No. 1,
Eddy County, New Mexico

United States Geological Survey
P.O. Drawer "U"
Artesia NM 88210

Gentlemen:

We are submitting the information requested in NTL-6 which should accompany application for permit to drill.

Well: Truitt Ranch Unit Well No. 1

(1) Location: 1625' FSL and 1655' FWL, Section 26-T22S-R24E, Eddy County, New Mexico.

(2) Elevation of Unprepared Ground: 4094' GL

(3) Geological Name of Surface Formation: Quarternary alluvium.

(4) Type Drilling Tools: Rotary

(5) Proposed Drilling Depth: 11,000'

(6) Estimated Tops of Geologic Markers: Delaware 1,500; Bone Spring 4,800; Wolfcamp 7,500; Strawn 10,000; Atoka 10,340; Morrow 10,550; Barnett 11,100.

(7) Estimated Depths at which Anticipated Gas or Oil-Bearing Formations Expected:

(a) Atoka section 10,340' may produce gas.

(b) Morrow section 10,550-11,000' may produce gas.

(8) Casing Program and Setting Depths:

Surface	9-5/8"	36#	Grade H-40	Set @ 2,500'
Production	5½"	17#	Grade N-80 and K-55	Set @ 11,000'

(9) Casing Setting Depth and Cementing Program:

(a) Surface casing will be set at 2,500', cemented with 300 sacks Thickset and 500 sacks Howco "Lite" and 100 sacks Class "C".

(b) Production casing will be set at 11,000' and cemented with adequate volume of Class "H" cement with 1.0% CFR-2 and 0.5% Halad-9 to bring cement top to approximately 9,500'. NOTE: Volume of cement to be determined after running caliper log at total depth.

(10) Pressure Control Equipment: The minimum specifications for pressure control equipment can be seen on the attached Drawing No. 3a of Gulf's blowout preventor hook-up for 3000-5000 psi working pressure.

(11) Circulating Media: 0-2500' fresh water spud mud; 2500-10,300' brackish water, 8.5-10.0 ppg; 10,300-11,000' brine water polymer with 4% KCl. Weight of 10 ppg and up. Viscosity 34-38 sec., filtrate 10 cc's to 10,750' and 4 cc's to 11,000'.

(12) Testing, Logging and Coring Programs:

(a) Formation testing may be done at any depth where samples, drilling rate or log information indicate a possible show of gas or oil.

(b) Open-hole logs will be run prior to running casing at total depth.

(c) Coring is not planned.

(13) Abnormal Pressure of Temperature and Hydrogen Sulfide Gas: We do not anticipate any abnormal pressure or temperature; however, the following equipment will be installed while nippling up on intermediate casing for pressure control and detection: remote-controlled adjustable choke on flow manifold, drilling separator with gas vent line to burn pit, pit level sensors, flowline sensors and remote control BOP as shown on Drawing No. 3a.

The presence of hydrogen sulfide gas is not anticipated.

(14) Anticipated Starting Date: Drilling operations should start approximately November 1, 1979.

(15) Other Facets of the Proposed Operation: None

Yours very truly,

R. C. Anderson

R. C. Anderson
Area Production Manager

Attachment
GSP:ctw

Gulf Oil Exploration and Production Company

R. G. Anderson

P. O. Box 670
Hobbs, NM 88240

September 24, 1979

Re: Surface Development Plan - Proposed
Truitt Ranch Unit Well No. 1,
1625' FSL & 1655' FWL of Section 26,
T22S, R24E, Eddy County, New Mexi...

United States Geological Survey
P.O. Drawer "U"
Artesia, New Mexico 88210

Gentlemen:

The surface use and operations plan for the propos... well are as follows:

1. Existing Road

A. Exhibit "A" is a portion of a general lease map showing the location of the proposed well as staked. Go northwest out of Carlsbad, New Mexico 9 miles on Highway 285. Turn left onto the access road and go 2 miles to a caliche road. Turn left and go south on the caliche road approximately 10 miles to the new location.

B. Exhibit "B" is a portion of a lease map showing all existing roads within a one-mile radius of the well site.

2. Planned Access Roads

A. Length and Width: The new road will be 12' wide and approximately 3½ miles long. The new road is color coded red on Exhibits "A" and "B". The proposed road has been staked and flagged.

B. Surfacing Material: Six (6) inches of caliche, water compacted and graded.

C. Turnouts: None required

D. Culverts: None required.

E. Cuts and Fills: None required.

F. Gates and Cattle Guards: Two cattle guards.

3. Location of Existing Wells

A. There are no wells within one mile. The nearest producing well is the Monsanto Rock Tank Unit No. 4, Section 1, T23S, R24E.

4. Location of Proposed Facilities

Should this well be completed as a commercial producing well, new tank battery facilities will be required. These facilities will be constructed within the 400' x 400' work area as staked. All lines will be installed above ground and located as shown on Exhibit "C".

5. Location and Type Water Supply

A. An attempt will be made to drill for water on the location.

B. If unsuccessful, water for drilling will be purchased from a supplier and transported by truck to the well site over existing and proposed roads shown in Exhibit "B".

6. Source of Construction Material

A. Caliche for surfacing the road and the well pad will be obtained from a Federal pit in the N/2 of Section 23, T22S, R24E.

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 test tanks until sold.

D. Current laws and regulations pertaining to the disposal of human waste will be complied with.

E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24" of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "D".

F. All trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completion operations.

8. Ancillary Facilities

None required.

9. Well Site Layout

A. Exhibit "D" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit and location of major rig components.

B. A 5' cut on the north and a 5' fill on the south will be required.

C. The reserve pit will be plastic lined.

D. The pad and pit area have 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 the well site in as 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 generally hilly with sandy loam covering rock and caliche. The undisturbed well site elevation is 4094'.

B. Soil: Very rocky with small amount of sand.

C. Flora and Fauna: The vegetative cover is generally sparse and consists of scrub oak and perennial native grasses. Wildlife in the area is typical of semi-arid desert land and includes coyotes, rabbits, rodents, deer, reptiles, dove, quail and other birds.

D. Ponds and Streams: There are no rivers, streams, lakes or ponds in the area.

E. Residences and Other Structures: There are no occupied dwellings in the immediate area. The nearest water well is located approximately 1 mile west of the proposed location.

F. Archeological, Historical, and Cultural Sites: None observed in the area.

G. Land Use: Grazing and hunting, in season.

H. Surface Ownership: Surface is Federal.

17. Operator's Representative:

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

Gulf Oil Exploration & Production Co.
A Division of Gulf Oil Corporation
P.O. Box 670
Hobbs, New Mexico 88240
Telephone: 505-393-4121
Area Production Manager: R. C. Anderson

18. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 Gulf Oil Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

9-25-79
Date

R. C. Anderson
R. C. Anderson
Area Production Manager

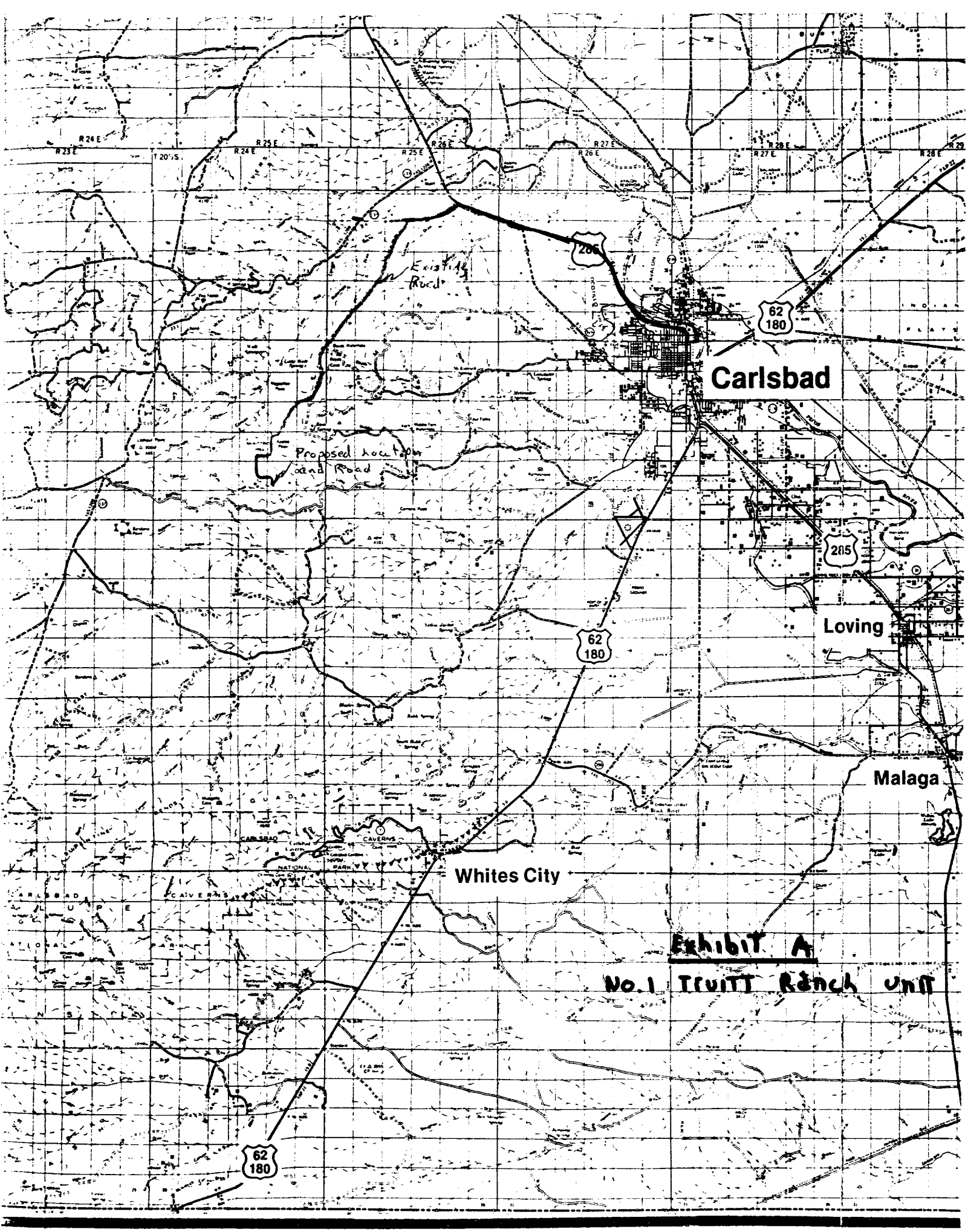


Exhibit A

No. 1 Truitt Ranch Unit

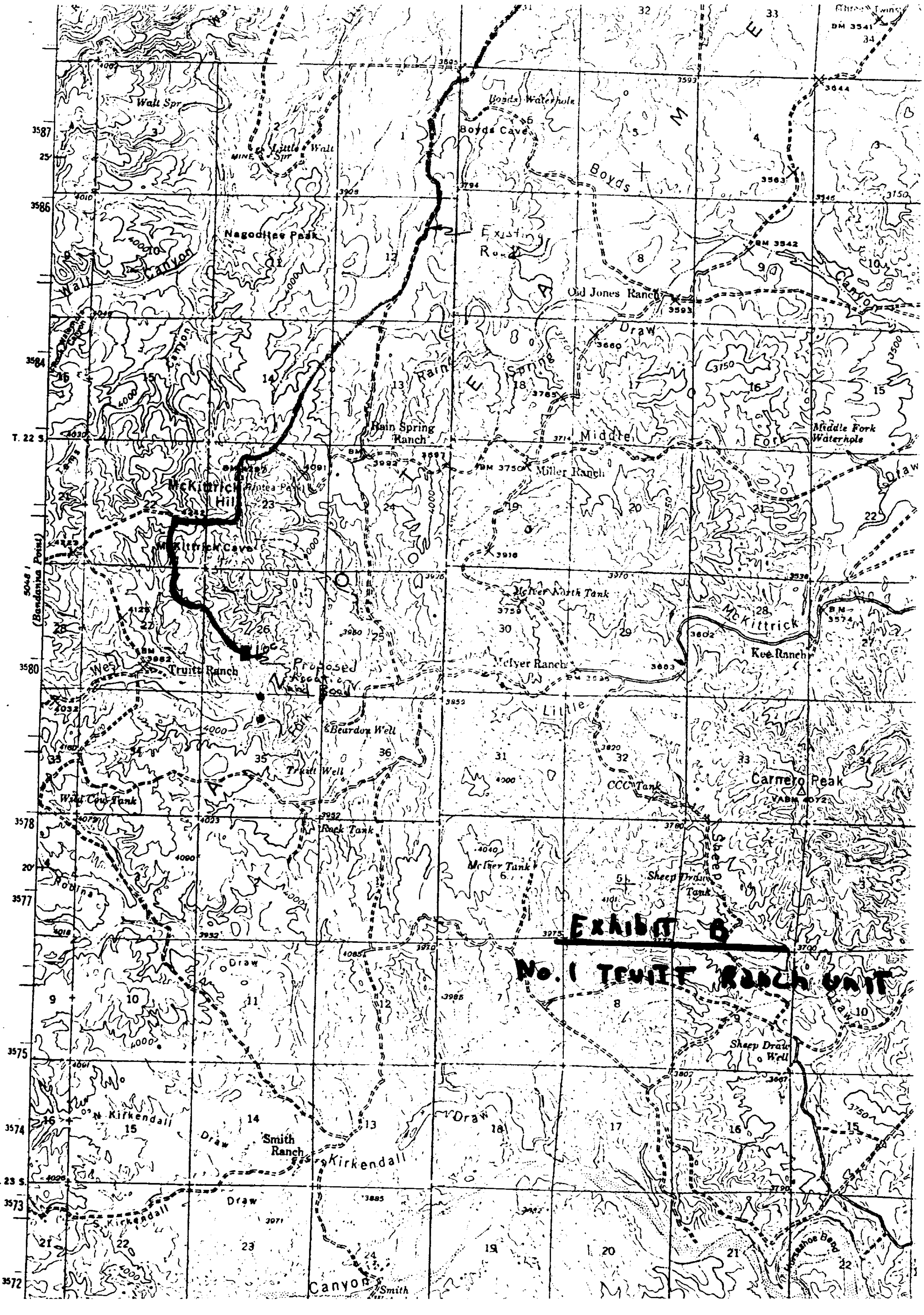


Exhibit B
No. 1 Truitt Ranch Unit
Walt Spr.
Little Walt Spr
Boyds Waterhole
Boyds Cave
Boyds
Nagooltee Peak
Walt Canyon
Existing Road
Old Jones Ranch
Draw
Rain Spring
Rain Spring Ranch
Middle Fork
Middle Fork Waterhole
Miller Ranch
McKittrick Hill
McKittrick Cave
Proposed Road
McIver North Tank
McKittrick
Kee Ranch
McIver Ranch
West
Truitt Ranch
Little
Beardon Well
Truitt Well
CCC Tank
Carnero Peak
Wild Cow Tank
Rock Tank
McIver Tank
Sheep Draw Tank
Robins
Sheep Draw Well
N. Kirkendall Draw
Smith Ranch
Kirkendall
S. Kirkendall Draw
Canyon
Smith
T. 22 S.
T. 23 S.

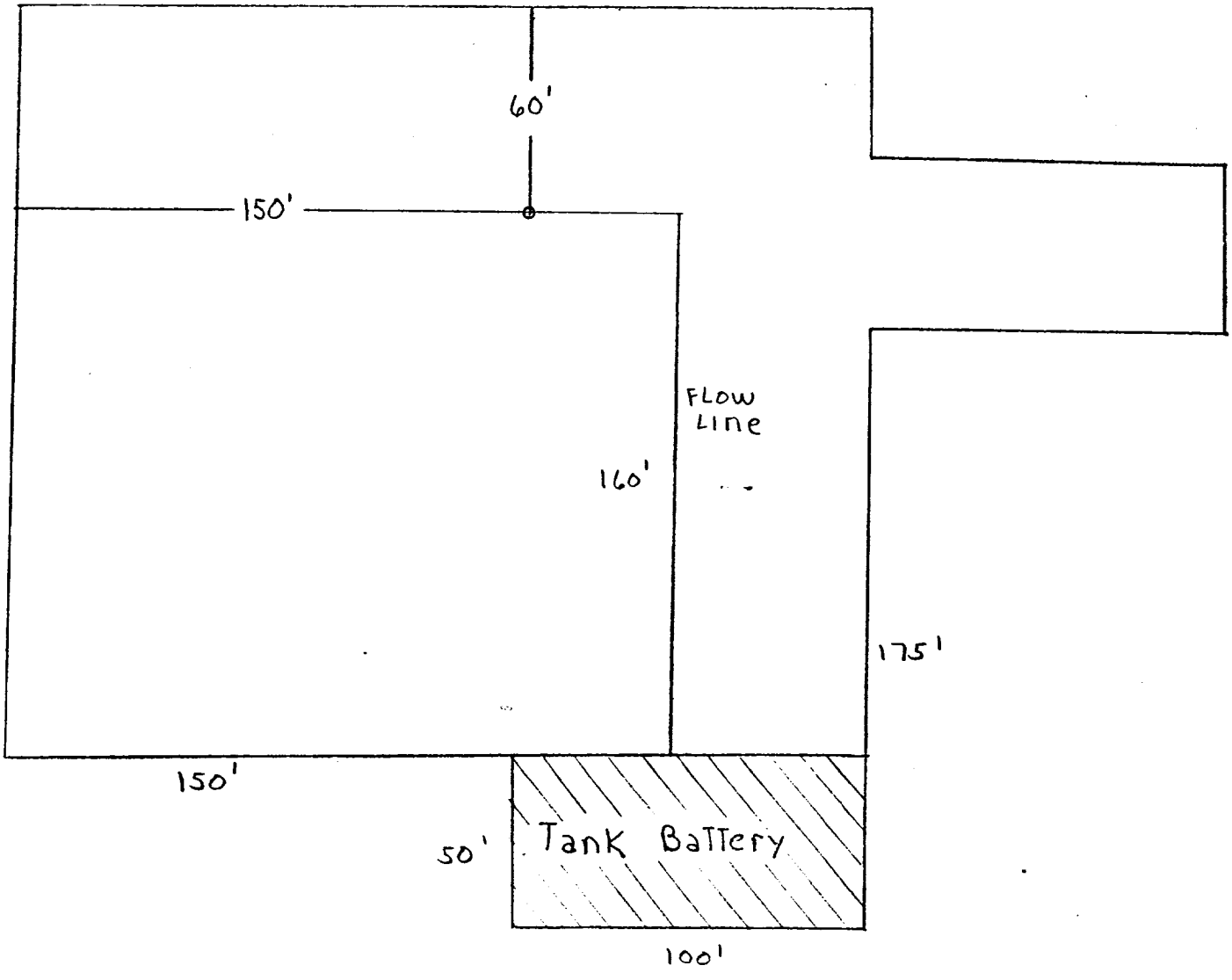


Exhibit C

No. 1 Truitt Ranch Unit
Sec 26, T22S, R24E,
Eddy County, New Mexico

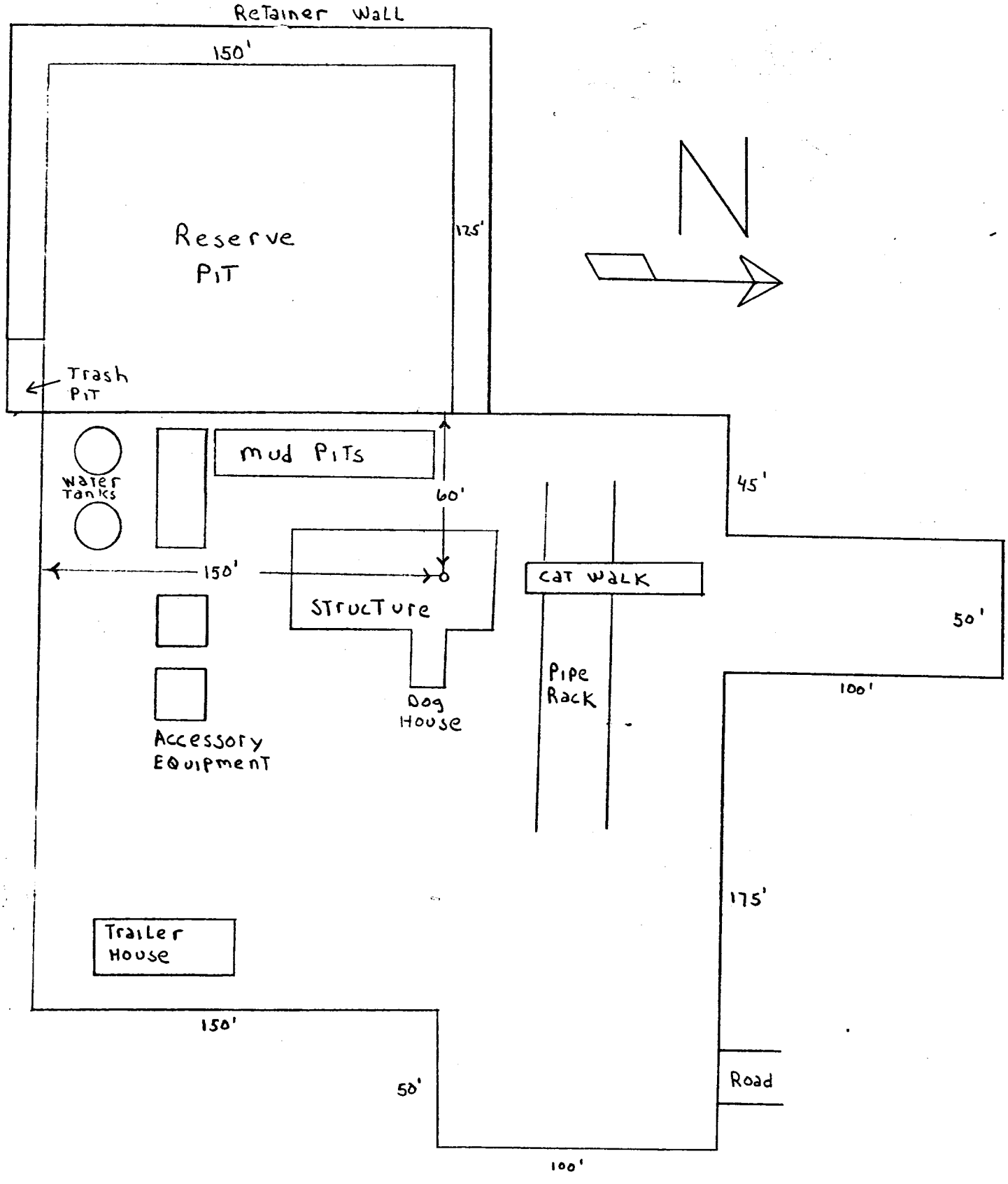


Exhibit D

No. 1 Truitt Ranch Unit
Sec 26, T22S, R24E
Eddy County, New Mexico