

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 D. J. Simmons et al

3. ADDRESS OF OPERATOR 3815 McCart Street
Fort Worth, Texas 761104. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1720' FNL - 1760' FWLF Sec. 21 - T29N - R9W
At proposed prod. zone Same14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 3 miles southeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 880'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, P&A well, OR APPLIED FOR, ON THIS LEASE, FT. 90' from Gaswell = 1711'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5619 GR 5634 KB

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36#	300'	270 sx. Circulated
8 3/4"	7"	20#	3300'	471 sx.
6 1/4"	4 1/2" liner	10.5#	3150 to 4804'	200 sx.

It is proposed to drill a Mesaverde sand well to an approximate depth of 4804' at the above captioned location in the following manner: 13 3/4" surface hole will be rotary mud-drilled to approx. depth of 300 feet and 9 5/8" 36# surface casing set at this depth with cement circulated to surface. An 8 3/4" hole then rotary mud-drilled to an approx. depth of 3300' and 7" 20# casing set at this depth & cemented with approx. 471 sx to circulate cement to the surface. A 6 1/4" hole will then be gas drilled from the approx. depth of 3300' to the approx. total depth of 4804', (this should be well through the entire Mesaverde sand zone). A 4 1/2" 10.5# liner will be set on bottom (approx. 4804' up to approx. 3150' or approx. 150' above the base of the 7" casing point). The entire liner will be cemented in place through the interval of 3150 to the approx. T.D. of 4804' with approx. 200 sx. of cement. Each string of casing after being cemented in place will be adequately pressure tested. Drilling, geological and engineering operations will be executed properly and carefully as would any prudent operator. (See other side of page): gas is debated

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 Ashton B. Geren, Jr. Manager & Supt. for: D.J. Simmons DATE Feb 12, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

ok Enk

*See Instructions On Reverse Side

AMCC

30-045-23389

5. LEASE DESIGNATION AND SERIAL NO.
SF 080245-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

L.V. Hamner "A"

9. WELL NO.

No. 1A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 21 - T29N - R9W

N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

w/ 320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

February 21, 1979

RECEIVED

FEB 13 1979

OIL CON. COM.
DIST. 3

RECEIVED

FEB 13 1979

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963-O-7111-396

939-171

A Shaffer 10" - 900 Series, hydraulic closing, double ram (pipe rams & blind rams), 6000 psi test Blowout Preventer will be installed on the surface casing and throughout the drilling operations. The Blowout Preventer will be frequently tested to insure proper function and safety. After the liner has been set, logging, etc. the completion will commence with either the drilling rig or by use of a workover rig. After log interpretation, the prospective Mesaverde gas zones will be perforated and sand-water fraced. 2 3/8" tubing will be run for the siphon string. This is an infill Mesaverde sand gas well and the gas from this lease is presently being sold to El Paso Natural Gas Co.

Estimated formation tops (From K.B. approx. 15' above GR).

Surface formation	Nacimiento
Ojo Alamo	1056'
Fruitland	1726'
Pictured Cliffs	2060'
Cliff House	3700'
Menefee	3831'
Point Lookout	4354'
Approx. T.D.	4804'

It is anticipated that gas should be encountered throughout the Fruitland section starting around 1726', also in the Pictured Cliffs sand whose top is 2060', & throughout the objective zone here which is the Mesaverde formation starting around 3700'. Maximum pressures here should not be over 800 psig; however adequate blowout preventer shall be installed along with a packoff head and in use at all times while drilling these zones. While drilling with mud in the upper part of the hole, the weight shall be sufficient to contain the anticipated pressures. It is expected that waters should be encountered in many of the lenticular Farmington sands zones that may occur above the Ojo Alamo sd. Also water might be expected in the Ojo Alamo at 1056'. For the most part these are not potable waters. Blowout equipment shall be tested daily to insure proper function. Before running the 4 1/2" liner, the well shall be open hole logged, running an Induction-Gamma & a Compensated Density.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-122
Effective 1-1-65

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

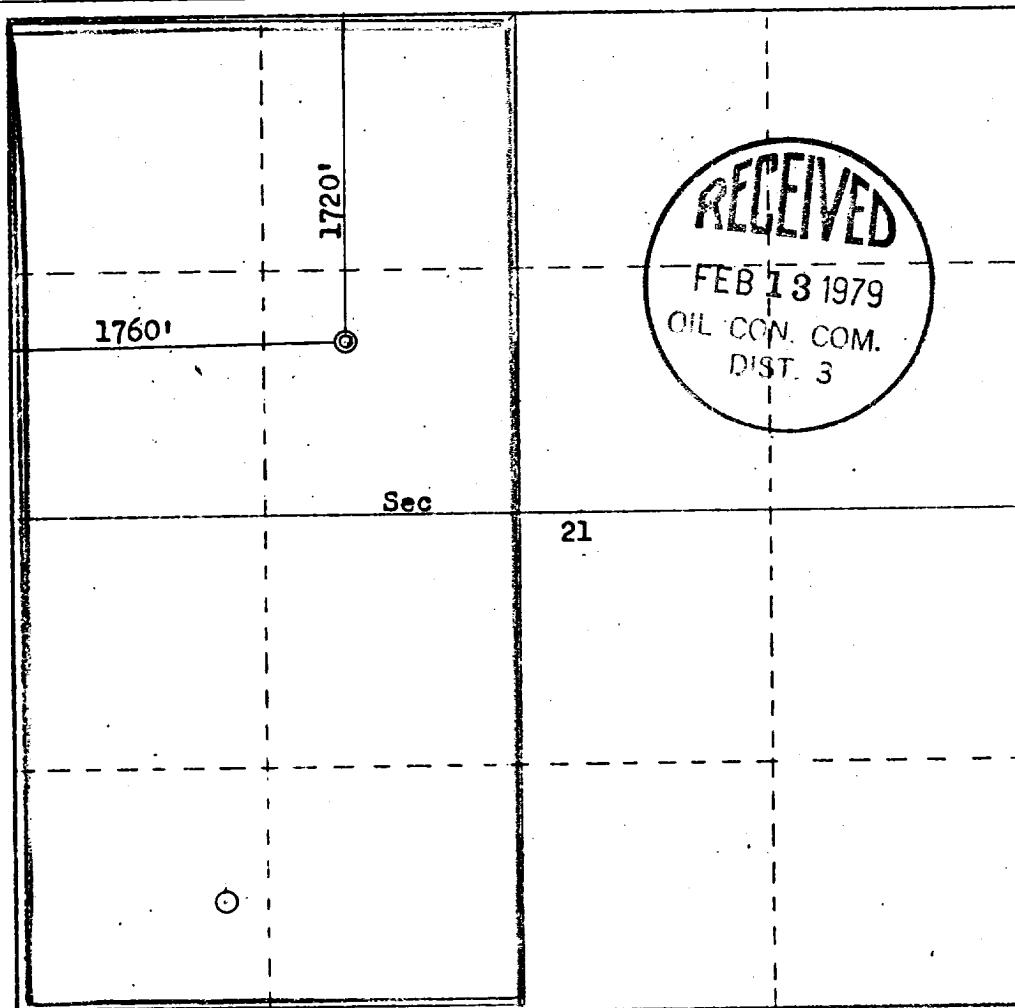
Operator D. J. SIMMONS			Lease L. V. HAMNER "A"		Well No. 1A
Unit Letter F	Section 21	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well:					
1720 feet from the North line and		1760 feet from the West line			
Ground Level Elev. 5619	Producing Formation Mesa Verde	Pool Blanco Mesaverde	Dedicated Acreage 320 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.

Ashton B. Geren, Jr.
Name

Ashton B. Geren, Jr.

Position **Manager for:**
D.J. Simmons

Company
D.J. Simmons

Date
Feb. 12, 1979

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 _____

ALBERT B. KERR, JR.
 Notary Public
 3950

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

D. J. Simmons
L.V. Hamner "A" - No.1A
1720' FNL - 1760' FWL
Sec. 21 - T29N - R9W
San Juan County, N.M.

SURFACE USE PLAN

1. The proposed location is approx. 3 miles southeast of Blanco, N.M. After crossing the bridge just east of Blanco, N.M. turn right to a dirt road at the top of the first hill where a sign shows the direction to Cutter Dam. Proceed along this dirt road in a southeasterly direction for a distance of approx. 1½ miles then turn to the right on an existing lease road and follow on the lease road for an approximate distance of 1100 feet to the proposed drill-site.
2. The planned access road is approx. 1100' long and is on an existing lease road to the well site which is to be drilled on an existing well pad of the plugged and abandoned D.J. Simmons No.9 Pictured Cliffs well. No new access road shall be required. This existing road is approximately 8' wide and presently serves other wells in the immediate area.
3. See enclosed map of other wells drilled in the area.
4. The tank battery, if required, shall probably consist of one 210 bbl. welded tank & stairway and be located on the existing well pad. Also on the existing well pad shall be a meter house, meter run & dehydrator along with a 3 phase production unit. The tank & production unit shall be painted as required to be compatible with the surrounding environment. The reserve pit and any other disturbed area related to this operation and not necessary to the production procedure shall be filled, graded, and restored as soon as practical.
5. Fresh water for drilling and completion shall be trucked from an irrigation ditch or the San Juan river, both located approximately 3 miles northwest of the location.
6. It is not anticipated that any construction material such as sand, gravel, stone, or soil shall be needed other than normal drilling supplies such as fuel, bits, etc. and they shall be trucked in from Farmington, N.M. & other nearby sources.
7. Waste disposal well be in the reserve pit and trash pit & sanitary portable facilities supplied by the drilling contractor. A pit for cuttings while gas drilling shall be located 30 or 40 feet from the drill hole. After a suitable time for drying, the reserve pit shall be filled in, graded and restored in a suitable manner.
8. No camps or airstrips will be constructed
9. A well site layout plat is attached.
10. The drill site is for the most part an existing well pad of a previously plugged and abandoned Simmons - Pictured Cliffs No.9 well and very little disturbance will be required to prepare the drill site for the drilling of the above captioned well. After completion of the well, the drill site shall be restored as near possible to the original condition, including grading the location and pits as soon as practical. Grass will be reseeded on the disturbed area of the location. The tank, well head, production unit etc. shall painted as required to be compatible with the surroundings.

D.J. Simmons
L.V. Hamner "A" - No. 1A
1720' FNL - 1760' FWL
Sec. 21 - T29N - R9W
San Juan County, N.M.

11. The well site is on an existing well pad of the abandoned Simmons Pictured Cliffs well No. 9. The immediate area is on a terrace which overlooks the Canyon Largo floodplain immediately to the south. Vegetation in the immediate area of the location is primarily rabbit-brush & tumbleweed. To the north and adjacent to the location are moderately rolling shale hills. The natural drainage of the area shall not be affected by this operation. The well pad shall be expanded very little to accomodate the drilling operation and particular care shall be taken to insure safe containment of the drilling fluids.

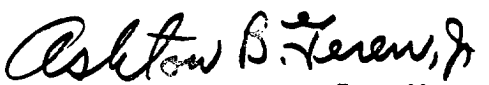
12. Lessee's or Operator's Rep.

Ashton B. Geren, Jr.
P.O. Box 1469
Farmington, New Mexico 87401 Phone (505) 327-9483

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 well be performed by D. J. Simmons - Operator (Owner) and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

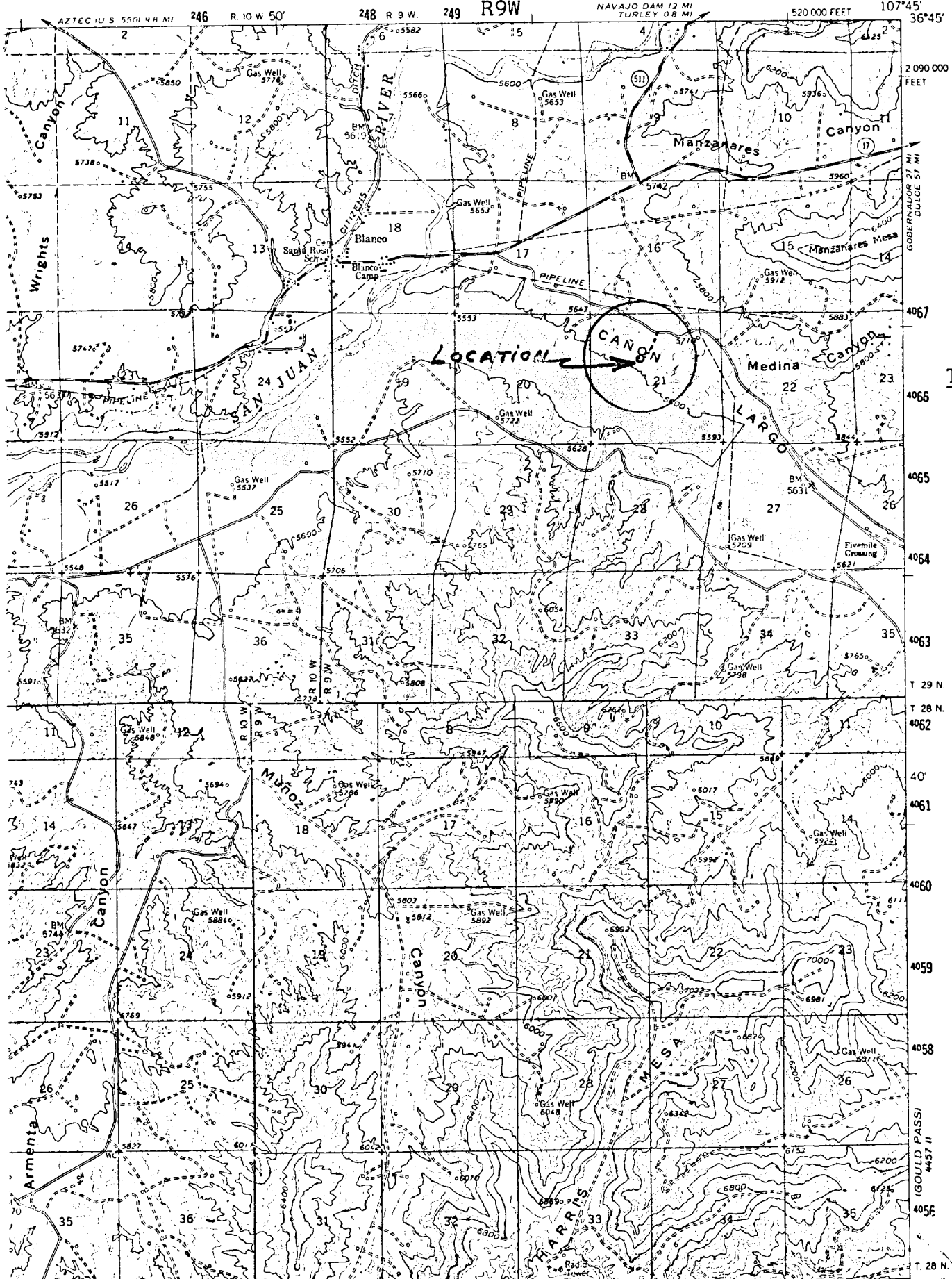
February 9, 1979
Date


Ashton B. Geren, Jr. - Manager & Supt.
Name & Title for: D.J. Simmons

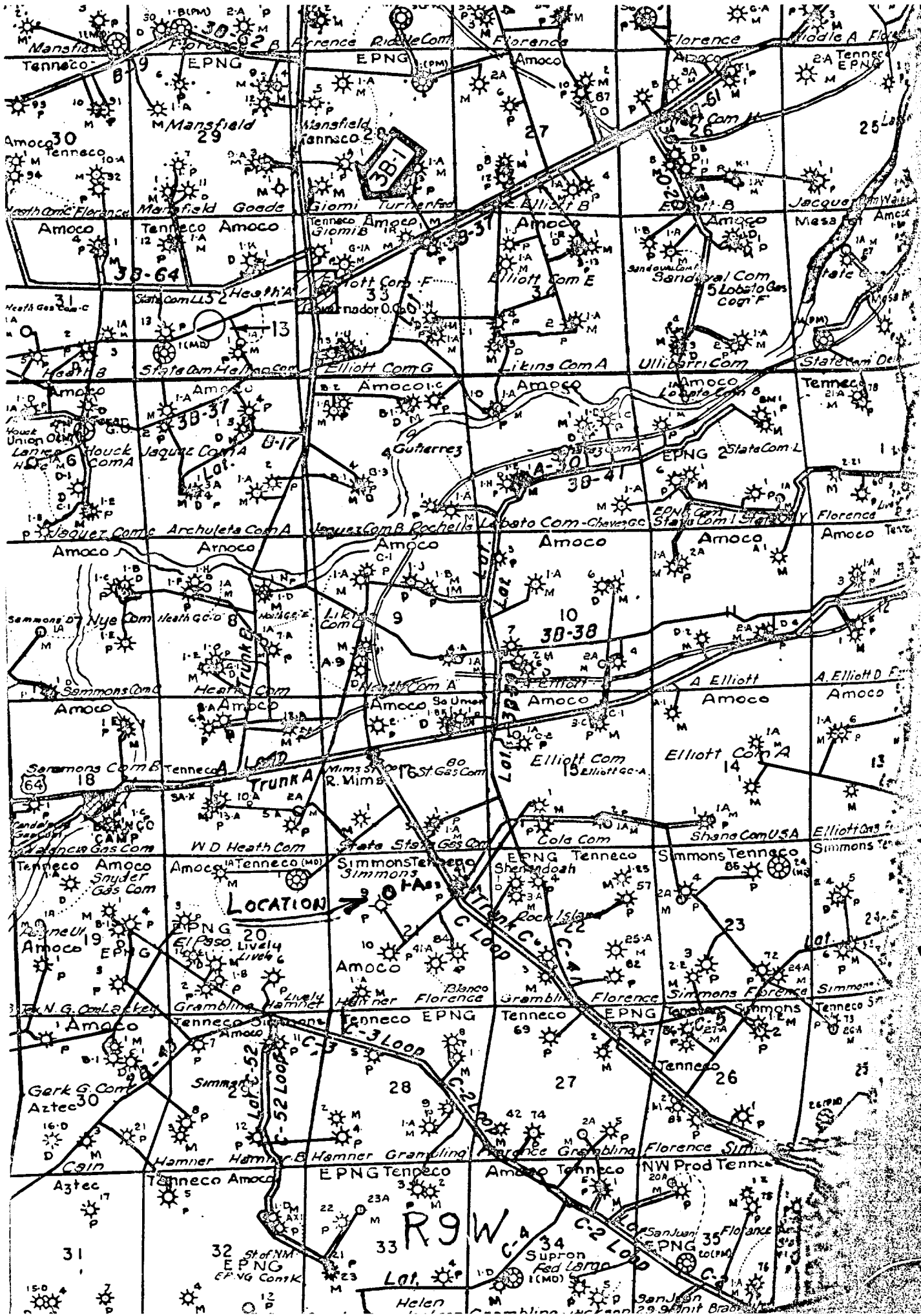
D.J. Simmons
 L.V. Hamner "A" - No.1A
 1720' FNL - 1760' FWL
 Section 21 - T29N - R9W
 San Juan County, New Mexico

BLOOMFIELD QUADRANGLE
 NEW MEXICO-SAN JUAN CO.
 15 MINUTE SERIES (TOPOGRAPHIC)

NAVAJO DAM
 4457' 1"



Twp.29N



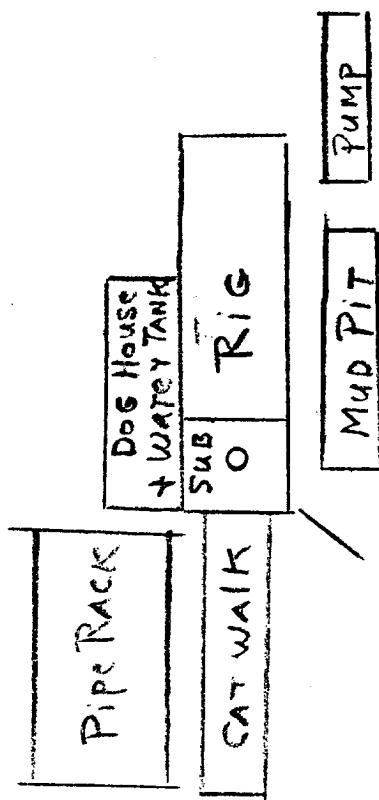
T29N

SAN JUAN CO, N.M.

L.V. Hamner "A" 1A
Sec. 21 - T29N - R9W
San Juan Co., N.M.

YOUNG DRILLING CO. RIG #5

PORTABLE LATRINE



RESERVE PIT

(CUTTINGS)

(PIT)

250'

150'

SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR:
D.J. Simmons
L.V. Hamner "A" - No. 1A
Sec.21 - T29N - R9W
San Juan County, N. Mexico

