

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

3. ADDRESS OF OPERATOR

Mrs. D. J. Simmons

3815 McCart Street

Fort Worth, Texas 76110

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

At surface

1700' FNL - 790' FWL of Sec 23 - T29N - R9W

At proposed prod. zone

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

Approx. 4 miles southeast of Blanco, N.M.

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

790 feet.

200 Ft.

19. PROPOSED DEPTH

296.26

4875 feet.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

296.26

20. ROTARY OR CABLE TOOLS

Rotary

December 10, 1977

23.

5794 GR

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"	32.3#	200'	180 sx
8 3/4"	7"	23#	2700'	375 sx
6 1/4" liner	4 1/2"	10.5#	2500-4875'	270 sx

It is proposed to drill a Mesaverde sand well to an approximate depth of 4875' at the above captioned location in the following manner: 13 3/4" surface hole will be rotary mud-drilled to approx. depth of 200 feet and 9 5/8" 32.3# 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 2700' and 7" 23# casing set at this depth & cemented with approx. 375 sx to circulate cement to the surface, this depth of 2700' should be approx. 300' into the Lewis formation. A 6 1/4" hole will then be gas drilled from the approx. depth of 2700' to the approx. total md depth of 4875 feet, (this should be well through the entire Mesaverde sand zone). A 4 1/2" 10.5# liner will be set on bottom (approx. 4875 up to approx. 2500' or approx. 200' above the base of the 7" casing point). The entire liner will be cemented in place through the approx. interval of 2500' to the approx. I.D. of 4875' with approx. 270 sx of cement (65% excess). Each string of casing after being cemented in place will be adequately pressure tested. Drilling, geological and engineering operations will be executed (over)

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 Ashton B. Goren, Jr. Manager for: Mrs. D. J. Simmons DATE November 25, 1977

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Okal

*See Instructions On Reverse Side

RECEIVED

NOV 28 1977

U.S. Geological Survey
Farmingington, N.M.

NWII-130

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 slide, 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: 1974 - 781-025/VIII-232

properly and carefully as would any prudent operator. A Shaffer 10" - 900 Series, hydraulic closing, double ram (pipe rams & blind rams), 6000 psi test Blowout Preventer will be installed during the drilling operations and frequently tested to insure proper function and safety. It is proposed that the drilling rig remain on the hole after all casing and liner is set and perform the completion. After running electric logs, the prospective zones of the Mesaverde formation will be perforated and Sand-Water fraced as recommended after log interpretation. This is an infill (Mesaverde sand gas formation) and the gas is presently being sold to El Paso Nat. Gas Co.

Estimated formation tops (From L. E. approx. 11' abv. GR).

Base of Gjo Alamo	1321
Top of Pictured Cliffs	2288
Approx. Lewis	2400
Cliff House	3948
Menefee	4058
Point Lookout	4500
Approx T.D.	4875

NEW MEXICO 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.

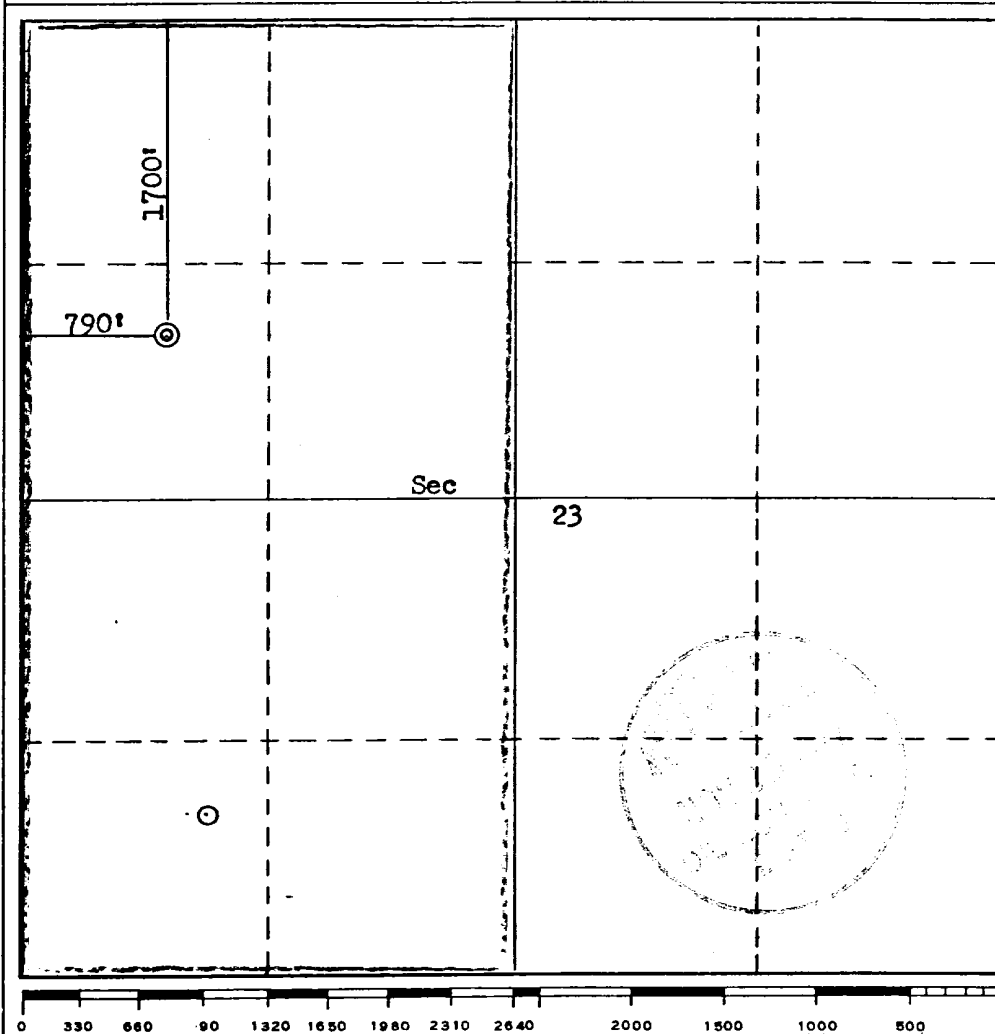
Operator D. J. Simmons			Lease Simmons		Well No. 2A
Unit Letter E	Section 23	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well: 1700 feet from the North line and 790 feet from the West line					
Ground Level Elev. 5794	Producing Formation Mesa Verde		Pool Blanco Mesaverde	Dedicated Acreage: 296.26 ✓ 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 **Ashton B. Geren, Jr.**
Position **Manager for:**
Mrs. D.J. Simmons-Op.
Company **D.J. Simmons**

Date **November 23, 1977**

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 **July 30, 1977**
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr, Jr.

Certificate No.

3950

W. J. Simmons
Simmons I - No. 2 A
SW NW Sec. 23 - T29N - R9E
San Juan Co., New Mexico

SURFACE USE PLAN

1. The proposed location is approx. 4 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 Den. Proceed along this dirt road in a southeasterly direction for a distance of approx. 1 3/4 miles past a black tank on the right and to the first side road which turns left. On this secondary well road proceed in an easterly direction for approx. 1 mile and then turn south on an existing lease road and follow to the location, a distance of about 1/4 mile.
2. The access road to the location is an existing road to the Simmons #4 (Pictured Cliffs sand well), and is approx. 1/4 mile south of a main well servicing road. The tank battery, if required, will be constructed on the location near the wellsite.
3. The proposed location is 1700' ENL and 790' E&L of Section 23, Township 29 North, Range 9 East in San Juan County, New Mexico. This is to be a proposed 4875' Mesaverde sand (infill) well, and the drilling and completion operations will be conducted as would any prudent operator. (See attached topo. map for location).
4. No lateral roads to other locations are planned.
5. If well is a producer, tank battery will be constructed on existing well pad.
6. Fresh water will be trucked from an irrigation ditch or the San Juan river, both located approx. 4 miles northwest of the location.
7. Waste disposal well be in the reserve pit and trash pit. A pit for cuttings while gas drilling will be 20 to 30 feet northwest of the wellsite.
- 8 & 9. No camps or airstrips will be constructed.
10. A rig layout plot is attached.
11. The surface will be restored at 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.
12. The terrain in the area is somewhat irregular hills, with juniper, pinon, and some native grass. Only moderate grading will be required to level and extend an existing well pad and will not affect the natural drainage of the area.
13. Lessee's or Operator's representative.

Ashton B. Leaven, Jr. Phone (505) 327-9483
Farmington, New Mexico 87401

D. J. Simmons
Simmons E - No. 2 A
SA 105 Sec. 22 - T208 - HQS
San Juan Co., New Mexico

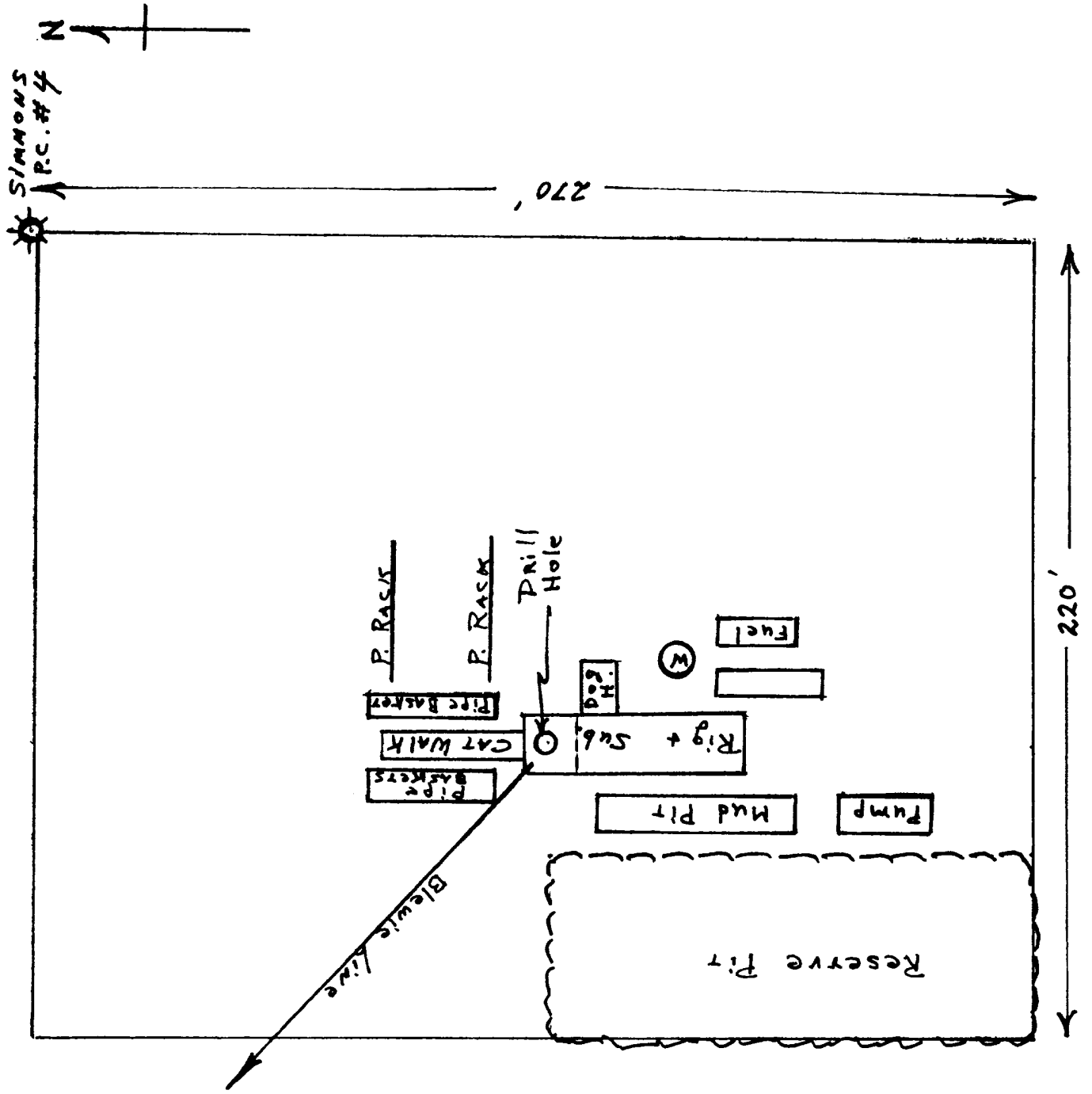
14. Certification:

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 Mrs. 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.

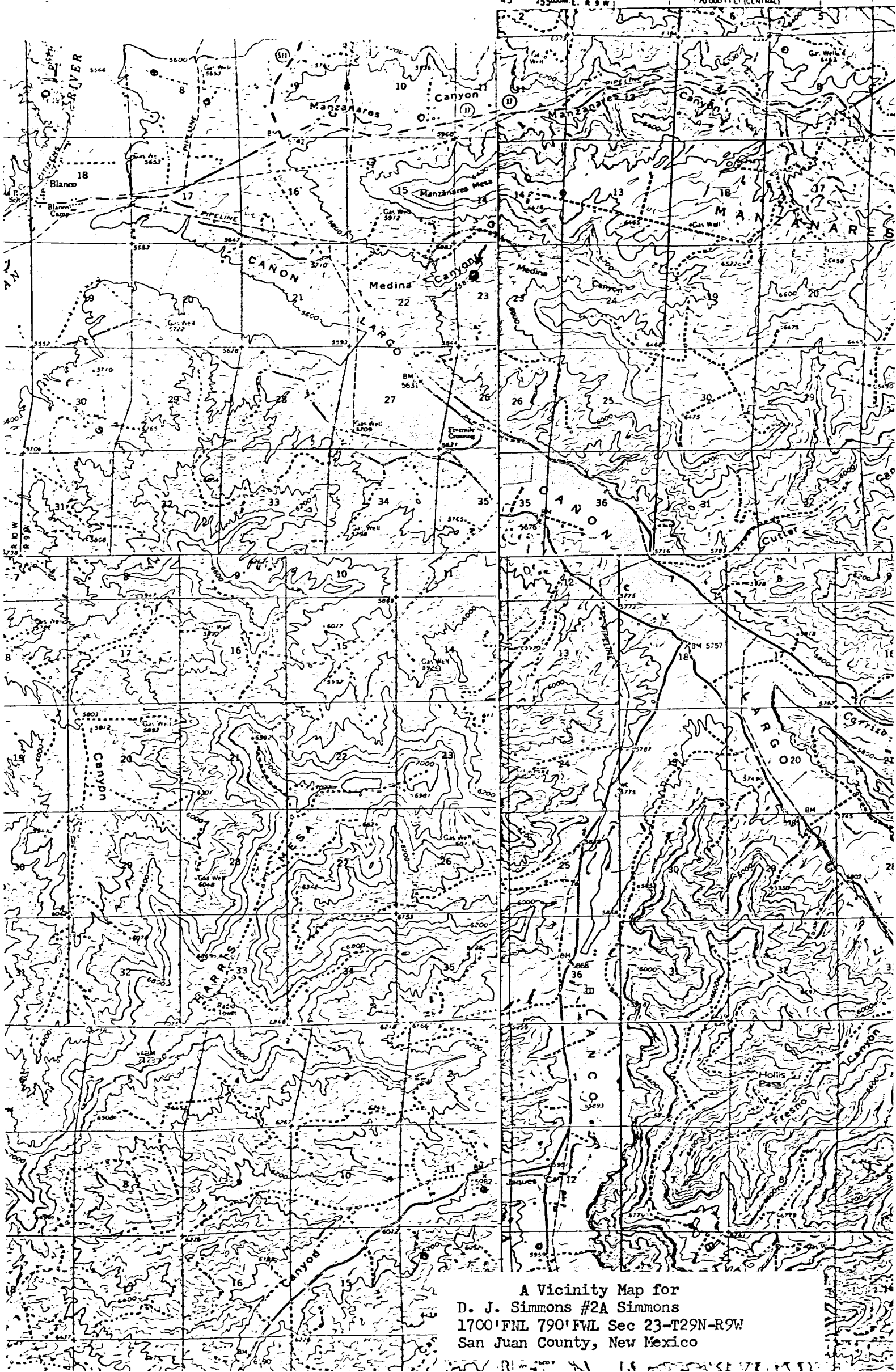
November 23, 1977
Date

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

SIMMONS E - 2A



Young Drlg. Co.
Rig. # 2.



A Vicinity Map for
D. J. Simmons #2A Simmons
1700'FNL 790'FWL Sec 23-T29N-R9W
San Juan County, New Mexico