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NEW MEXICO OIL CONSERVATION COMMISSION
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30-035-20020

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE [X] FEE [ ]

5. State Oil & Gas Lease No. LG 1311

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
DRILL [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name

8. Farm or Lease Name: Southland "2" State

2. Name of Operator: PENNZOIL COMPANY ✓

9. Well No.: 1

3. Address of Operator: P.O. Drawer 1828, Midland, Texas 79702

10. Field and Pool, or Wildcat: ✗ Wildcat

4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 2 TWP. 26-S RGE. 17-E NMPM

12. County: Otero

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
5000'	Fusselman	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
~~4084~~.2 GR	Blanket	Ard Drilling	5/15/80

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8	24	1100	600	Surface
7-7/8	4-1/2	9.5	5000	1100	1500

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 8-5-80

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed P. Marquant Title District Production Manager Date 4/3/80

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY - 5 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 8 5/8" casing

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
Pennzoil Co.	Southland State "2"	1

Unit Letter	Section	Township	Range	County
D	2	26 South	17 East	Otero

Actual Footage Location of Well:
660 feet from the North line and 660 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
4084.2	Fusselman	wildcat	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.

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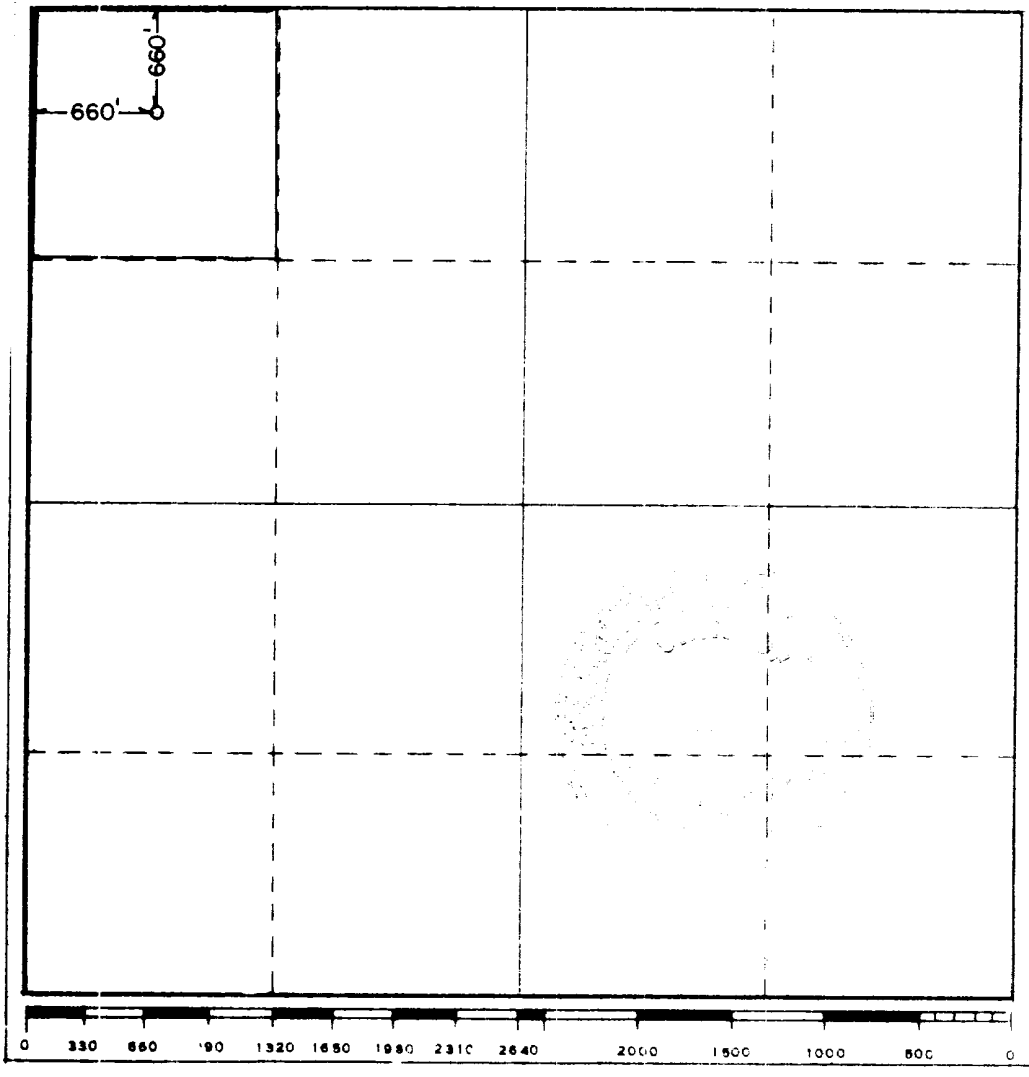

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: L. Charles Marquart

Position: District Production Mgr.

Company: PENNZOIL COMPANY

Date: April 3, 1980

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: March 25, 1980

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6668
Ronald J. Eidson 3239

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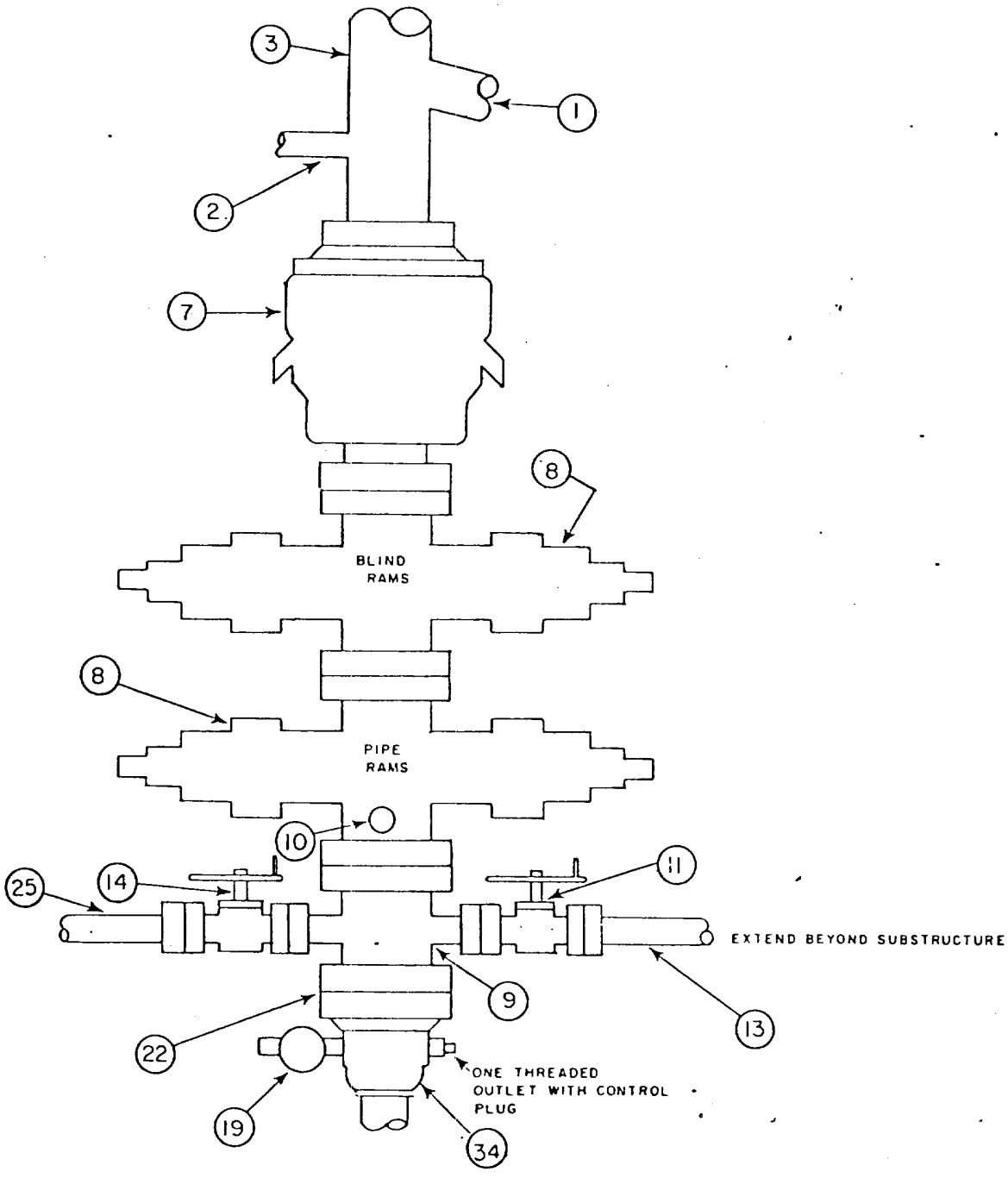
Pennzoil Company



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ATTACHMENT NO. 2
(See Section 4)
Page 1 of 1

CHECK LIST AND DRAWINGS (ATTACHED)
MINIMUM BLOWOUT PREVENTER EQUIPMENT REQUIREMENTS
(ATTACHMENT NO. 2 TO BID SHEET AND WELL SPECIFICATIONS)
3000 PSI WORKING PRESSURE
TO BE INSTALLED AFTER SETTING 8-5/8 INCH CASING

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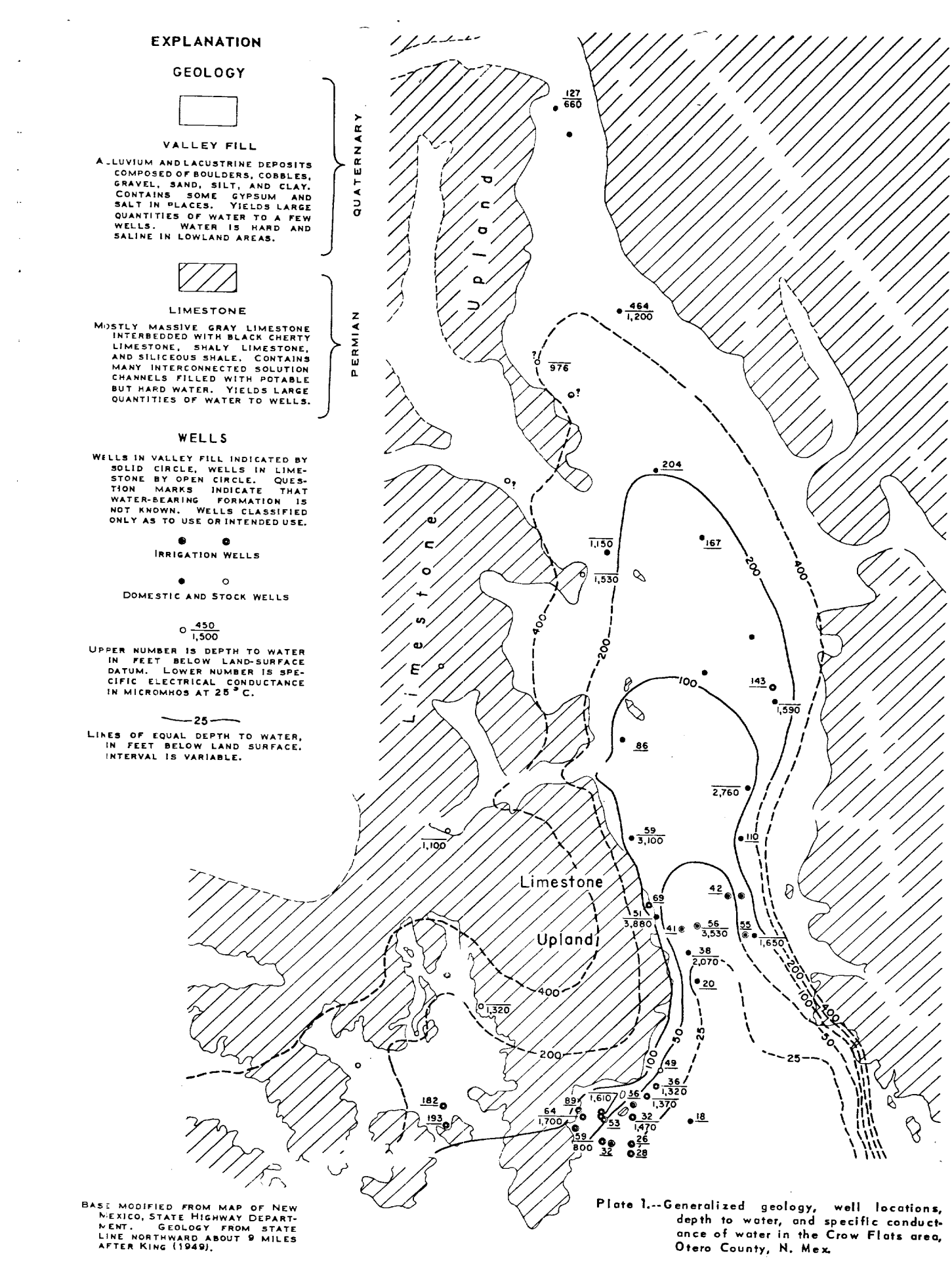
Contractor or Pzl. to furnish items checked (X). See attached drawing.

No.	Item	Min. Size *	Type	Press. Rating	Furnished By	
					Contr.	Pzl.
1.	Flow Line	8"	Weld	125	X	
2.	Fill Up Line	2"	Thd or Weld	125	X	
3.	Bell Nipple	8"	Weld	125	X	
4.	Rotating Head					
5.	Hydraulically Operated Gate Valve					
6.	Blooie Line					
7.	Bag Preventer	8"	Flange	3000	X	
8.	Hydraulically Operated Ram Preventer or Rotating Head					
9.	Drilling Spool with 2 in. and 2 in. Side Outlets	8"	Flange	3000	X	
10.	Preventer Side Outlets, 2 in. and 2 in. Use as alternate to No. 9 above.	8"	Flange	3000	X	
11.	Gate Valve	2"	Thd or Flge	3000	X	
12.	Hydraulically Operated Gate Valve					
13.	Line to Choke Manifold	2"	Thd or Flge	3000	X	
14.	Gate Valve	2"	Thd or Flge	3000	X	
15.	Hydraulically Operated Gate Valve					
16.	Check Valve					
17.	Drilling Spool with _____ in. and _____ in. side outlets					
18.	Preventer Side Outlets _____ in. and _____ in. Use as alternate to No. 17 above.					
19.	Gate Valve	2"	Thd	3000		X
20.	Hydraulically Operated Gate Valve					
21.	Relief Line					
22.	Wear Flange or Bushing	N/A				
23.	Kill Line to accessible location approx. _____ ft. from rig.					
24.	Gate Valve					
25.	Kill Line to rig pump manifold	2"	Thd or Flge	3000	X	
26.	_____ Way Cross, _____ in. x _____ in. x _____ in. x _____ in.					
27.	Tee, in. x in. x in.					
28.	Half Union					
29.	Casing Spool					
30.	Gate Valve					
31.	Casing Spool					
32.	Gate Valve					
33.	Pressure Gauge					
34.	Casing Head	8"	Flge or Thd	3000		X
35.	Gate Valve					
36.	Gate Valve					

*Line sizes to be inside diameter.
Valves, spools and preventer sizes to be bore dimension.



BASE MODIFIED FROM MAP OF NEW MEXICO, STATE HIGHWAY DEPARTMENT. GEOLOGY FROM STATE LINE NORTHWARD ABOUT 9 MILES AFTER KING (1949).

Plate 1.--Generalized geology, well locations, depth to water, and specific conductance of water in the Crow Flats area, Otero County, N. Mex.