

Figure 1 displays 16 small plots arranged in a 4x4 grid, each representing the spatial distribution of a specific species. The species names and their corresponding plot numbers are as follows:

- Plot 1: *Agrostis capillaris*
- Plot 2: *Agrostis alba*
- Plot 3: *Agrostis hyemalis*
- Plot 4: *Agrostis arvensis*
- Plot 5: *Agrostis canina*
- Plot 6: *Agrostis sylvatica*
- Plot 7: *Agrostis alba*
- Plot 8: *Agrostis capillaris*
- Plot 9: *Agrostis alba*
- Plot 10: *Agrostis capillaris*
- Plot 11: *Agrostis alba*
- Plot 12: *Agrostis capillaris*
- Plot 13: *Agrostis alba*
- Plot 14: *Agrostis capillaris*
- Plot 15: *Agrostis alba*
- Plot 16: *Agrostis capillaris*

The plots show the spatial distribution of the species across the study area, with some species showing high density and others showing low density.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it is the first official communication from the President to the Congress since the inauguration of Abraham Lincoln. The letter is written in a formal, dignified style, and it contains a number of important points. The President begins by expressing his gratitude to the Congress for the honor of his election, and then he proceeds to discuss the state of the Union. He mentions the recent election of a Republican President, and he expresses his confidence that the new administration will be able to carry out its duties in a manner that will be satisfactory to all. He also mentions the recent discovery of gold in California, and he expresses his confidence that this discovery will lead to the development of the West. The letter ends with a statement of the President's faith in the future of the United States, and a request for the Congress to support his administration.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued

SHELL OIL COMPANY

WELL NO. Unit 14-13

DRILLING REPORT

FOR PERIOD ENDING

May 12, 1957

Carson - Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

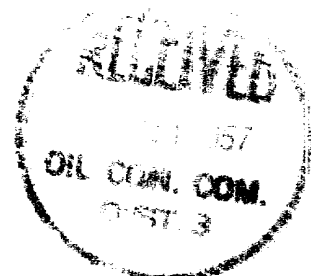
13

(SECTION OR LEASE)

T25N, R12W

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
57			Location: 660' N and 660' E of SW corner Section 13, T25N, R12W, NMPM San Juan County, New Mexico. Elevations: Mat 6402.6'; DF 6414.1'; KB 6414.9'.
4-12 to 4-13	0	341	Drilled 341'. Spudded 10:00 PM, 4-12-57. Drilled. Ran 7 jts (213') 8-5/8", 24#, H-40 casing at 222' with 130 sacks construction cement. Good cement returns to surface. Flanged up and waited on cement. Pressure tested BOP and casing with 700 psi for 15 minutes, OK.
4-14 to 4-20	341	4829	Drilled 4489'.
4-21	4829	5046	Drilled 211'. Ran Electrical Survey and Microlog.
4-22	5046 5003	TD Plug	Ran 126 jts (5030') of 5 1/2", 15.5# casing at 5040' cemented with 200 sacks cement. Displaced with crude oil. Plug down 6:20 PM. Located plug at 5003'. Released rig 8:00 PM.
5-10 to 5-11	5040 5003	TD FBTD	Moved in pulling unit, bailed mud from 4981-5003'. Ran Gamma Ray Log. Perforated four jets/ft (35 Gram casing jets) interval 4876-4891, 4943-4948, 4954-4966 and 4972-4986. Ran tubing 2-3/8" to 4986' (157 jts), 4' perforated nipple and 1-1/2" ID swab stop on bottom. Swabbed 80 bbls oil, well started to flow 6:00 PM, 5-11-57. Flowed 24 hours 880 gross, no cut recorded, 64/64" bean, TP 100, CP 125.
5-12			<u>INITIAL PRODUCTION</u> Flowing 742 B/D gross, 741 B/D oil, cut 0.2%, 30/64" bean, 284 MCF/D gas, 3CR 380, TP 175, CP 150. Officially completed 5-12-57.



CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	225	8-5/8"	222'
7-7/8"	225	5046	5-1/2"	5040'
DRILL PIPE SIZES 4 1/2"				

Brinkerhoff Drilling Company
 Tool Pusher: J. Babcock
 Drillers: E. Babcock
 J. Speaker
 C. Adams

R.D. ALLEN

SIGNED

