

DEVIATION TABULATION REPORT

SOUTHERN UNION PRODUCTION CO.	SANCHEZ	3	SW/4 34	30 NORTH	10 WEST
OPERATOR	LEASE	NO.	SEC.	TWP.	RGE.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
294 FT.	1/4 DEG.	4131 FT.	1/2 DEG.
772 FT.	1/4 DEG.	4228 FT.	1/2 DEG.
1256 FT.	1/4 DEG.	4590 FT.	1/2 DEG.
2038 FT.	1/4 DEG.	5640 FT.	3/4 DEG.
2584 FT.	1/4 DEG.	6298 FT.	3/4 DEG.
3380 FT.	1/4 DEG.	6600 FT.	1 DEG.
3605 FT.	1/2 DEG.	6917 FT.	1 DEG.
4000 FT.	1/2 DEG.		

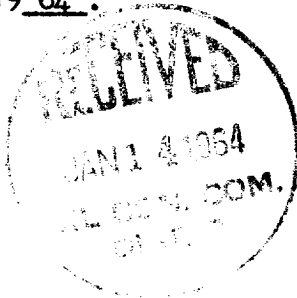
STATE OF NEW MEXICO)
COUNTY OF SAN JUAN) ss.

ON THIS 9TH DAY OF JANUARY, 19 64, BEFORE AS PERSONNALLY APPEARED

Gilbert D. Noland Jr. GILBERT D. NOLAND, JR.,

TO ME KNOWN TO BE THE PERSON (S) DESCRIBED IN AND WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THAT THEY EXECUTED THE SAME AS THEIR FREE ACT AND DEED.

IN WITNESS WHEREOF, I HAVE SET MY HAND AND SEAL OF OFFICE ON THIS 9TH DAY OF JANUARY, 19 64.



David J. Evans
NOTARY PUBLIC IN AND FOR
San Juan COUNTY, New Mexico

MY COMMISSION EXPIRES:

My Commission Expires January 31, 1964

THEORY OF THE EARTH

The theory of the earth is a branch of geology which deals with the origin and development of the earth and its various parts.

1. The earth's crust	2. The earth's interior	3. The earth's atmosphere	4. The earth's hydrosphere
The crust is the outermost layer of the earth, which is composed of the solid rocks and minerals.	The interior of the earth is divided into three main layers: the crust, the mantle, and the core.	The atmosphere is the layer of gases which surrounds the earth, and is composed of oxygen, nitrogen, and other gases.	The hydrosphere is the layer of water which covers the earth, and is composed of the oceans, lakes, and rivers.
The crust is divided into two main parts: the continental crust and the oceanic crust.	The mantle is the layer of the earth which lies between the crust and the core, and is composed of molten rocks and minerals.	The atmosphere is divided into two main parts: the troposphere and the stratosphere.	The hydrosphere is divided into two main parts: the oceans and the inland waters.
The continental crust is the part of the crust which is composed of the solid rocks and minerals.	The core is the innermost layer of the earth, which is composed of molten iron and nickel.	The troposphere is the lower part of the atmosphere, which is the part in which we live.	The oceans are the large bodies of water which cover the earth, and are composed of salt water.
The oceanic crust is the part of the crust which is composed of the solid rocks and minerals.	The core is divided into two main parts: the inner core and the outer core.	The stratosphere is the upper part of the atmosphere, which is the part in which the ozone layer is located.	The inland waters are the bodies of water which are located on the land, and are composed of fresh water.
The continental crust is thicker than the oceanic crust.	The inner core is the innermost part of the core, which is composed of solid iron and nickel.	The ozone layer is a layer of ozone which is located in the stratosphere, and which protects the earth from the harmful rays of the sun.	The inland waters are divided into two main parts: the lakes and the rivers.
The oceanic crust is thinner than the continental crust.	The outer core is the outer part of the core, which is composed of molten iron and nickel.	The ozone layer is located at an altitude of about 10 to 15 miles above the earth's surface.	The lakes are the bodies of water which are located on the land, and are composed of fresh water.
The continental crust is made up of several layers.	The inner core is about 4,500 miles in diameter.	The ozone layer is about 10 to 15 miles thick.	The rivers are the bodies of water which flow on the land, and are composed of fresh water.
The oceanic crust is made up of several layers.	The outer core is about 1,400 miles thick.	The ozone layer is about 10 to 15 miles thick.	The rivers are divided into two main parts: the rivers and the streams.
The continental crust is composed of several layers.	The inner core is about 4,500 miles in diameter.	The ozone layer is about 10 to 15 miles thick.	The streams are the small bodies of water which flow on the land, and are composed of fresh water.
The oceanic crust is composed of several layers.	The outer core is about 1,400 miles thick.	The ozone layer is about 10 to 15 miles thick.	The streams are divided into two main parts: the streams and the creeks.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER	5. LEASE DESIGNATION AND SERIAL NO. NM 06738
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR POST OFFICE BOX 808, FARMINGTON, NEW MEXICO	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1180 FEET FROM THE WEST LINE AND 1455 FEET FROM THE SOUTH LINE	8. FARM OR LEASE NAME SANCHEZ
14. PERMIT NO.	9. WELL NO. 3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5924 FT. G.L.	10. FIELD AND POOL, OR WILDCAT Basin Dakota
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 34, T-30-N, R-10-W, N.M.P.M.
	12. COUNTY OR PARISH 13. STATE SAN JUAN NEW MEXICO

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. SUDDED 12 1/4" SURFACE HOLE 12:01A12-2-63. DRILLED TO TOTAL DEPTH OF 294 FT. R.K.B.
2. RAN 10 JTS. 8 5/8", 24.0#, J-55 CASING. SET AT 294 FT. R.K.B.
3. CEMENTED W/220 SX REGULAR W/2% CALCIUM CHLORIDE. PLUG DOWN 6:15 P.M. 12-2-63.
4. PRESSURE TESTED SURFACE CASING TO 500 PSI FOR 15 MINUTES. TEST HELD OK.

RECEIVED

FEB 3 1964

OIL CON. COM.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED **D. G. MACY**

TITLE

PETROLEUM ENGINEER

DATE **JANUARY 28, 1964**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.