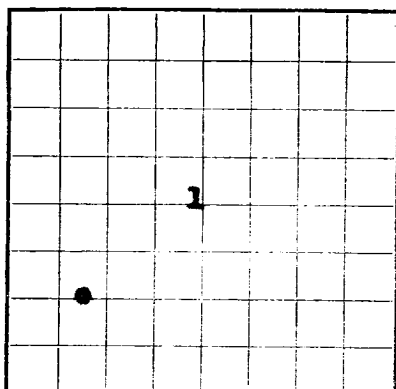


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 94572
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Prod. Co. Address P. O. Box 808, Farmington, N. M.
Lessor or Tract Reid Field Basin Dakota State New Mexico
Well No. 2-A Sec. 1 T. 30-N R. 13-W Meridian N. M. P. M. County San Juan
Location 1650 ft. N. of S Line and 1090 ft. E. of W Line of Section 1 Elevation 5900
(Derrek Door relative to 24.38)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Thomas E. Paine

Date December 17, 1962 Title Asst. Dir. - Syst.

The summary on this page is for the condition of the well at above date.

Commenced drilling December 11, 19 62 Finished drilling December 28, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6568 to 6576 G No. 4, from _____ to _____
 No. 2, from 6527 to 6646 G No. 5, from _____ to _____
 No. 3, from 6664 to 6692 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	270	200	Pump		
11-1/2	6303	510	Pump		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material..... Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

2 DATES

-----December 27-----, 19-62 Put to producing -----, 19-----

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 4,400 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ----- 1780 ----- CAGF = 4.120 MCHPD

EMPLOYEES

_____ H. Hammond _____, Driller _____ E. E. Corral _____, Driller

~~W. Benson~~, Driller ~~A. M. Durnell~~, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	425	425	Tertiary
425	1610	1185	Cretaceous
1610	2010	400	Fruitland
2010	2220	210	Pictured Cliff
2220	3600	1380	Lewis
3600	3810	210	Cliff House
3810	4400	590	Menafee
4400	4720	320	Point Lookout
4720	5690	970	Mancos
5690	6445	755	Gallup
6445	6565	120	Greenhorn
6565	6804	239	Dakota

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

1. *Вопросы организации и методики преподавания физики в средней школе*. М.: Учпедгиз, 1958. 150 с.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEW SAC 440 440 70 204

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by horizontal and vertical lines. There are approximately 20 columns and 25 rows of squares. A thicker vertical line runs down the right side, creating a margin. A thicker horizontal line runs across the top, below the header area. The paper is otherwise empty of any markings or text.

The information given herein is a complete and correct record of the well and all work done thereon.
It has been determined from all available records
that the information given herein is a true and correct copy of the original.

Witness my hand and seal of office at _____, Texas, this _____ day of _____, A.D. 19____.

Elevation _____

_____ County, _____ State.

Notary Public

OIL OR GAS SANDS OR LOMES

[illegible]

STUDIES SETAW THEOREM

[illegible]

DISCUSSION OVERHEAD

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 "struck", 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.

HISTORY OF OIL OR GAS WELL

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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bioRxiv preprint doi: https://doi.org/10.1101/000000 ; this version posted January 1, 2016. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.	bioRxiv preprint doi: https://doi.org/10.1101/000000 ; this version posted January 1, 2016. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.	bioRxiv preprint doi: https://doi.org/10.1101/000000 ; this version posted January 1, 2016. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.	bioRxiv preprint doi: https://doi.org/10.1101/000000 ; this version posted January 1, 2016. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.	bioRxiv preprint doi: https://doi.org/10.1101/000000 ; this version posted January 1, 2016. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.	bioRxiv preprint doi: https://doi.org/10.1101/000000 ; this version posted January 1, 2016. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.

[illegible]

DATE PAGE OF 2019

[illegible]

GANDER, ALDORE

Emp Name	Emp ID	Emp Title	Emp Salary	Emp Commission	Emp Manager	Emp Department
John Deere	1	President	100000	0		1
John Deere	2	VP	80000	0	1	1
John Deere	3	VP	80000	0	1	2
John Deere	4	VP	80000	0	1	3
John Deere	5	VP	80000	0	1	4
John Deere	6	VP	80000	0	1	5
John Deere	7	VP	80000	0	1	6
John Deere	8	VP	80000	0	1	7
John Deere	9	VP	80000	0	1	8
John Deere	10	VP	80000	0	1	9
John Deere	11	VP	80000	0	1	10
John Deere	12	VP	80000	0	1	11
John Deere	13	VP	80000	0	1	12
John Deere	14	VP	80000	0	1	13
John Deere	15	VP	80000	0	1	14
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John Deere	19	VP	80000	0	1	18
John Deere	20	VP	80000	0	1	19
John Deere	21	VP	80000	0	1	20
John Deere	22	VP	80000	0	1	21
John Deere	23	VP	80000	0	1	22
John Deere	24	VP	80000	0	1	23
John Deere	25	VP	80000	0	1	24
John Deere	26	VP	80000	0	1	25
John Deere	27	VP	80000	0	1	26
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John Deere	56	VP	80000	0	1	55
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John Deere	58	VP	80000	0	1	57
John Deere	59	VP	80000	0	1	58
John Deere	60	VP	80000	0	1	59
John Deere	61	VP	80000	0	1	60
John Deere	62	VP	80000	0	1	61
John Deere	63	VP	80000	0	1	62

TOOT 2.002

1961	or less	more than 100	1961	more than 100
1961	or less	more than 100	or less	more than 100

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
10/1/78	10/1/78	100.00	100	100	100
10/2/78	10/2/78	100.00	100	100	100
10/3/78	10/3/78	100.00	100	100	100
10/4/78	10/4/78	100.00	100	100	100
10/5/78	10/5/78	100.00	100	100	100
10/6/78	10/6/78	100.00	100	100	100
10/7/78	10/7/78	100.00	100	100	100
10/8/78	10/8/78	100.00	100	100	100
10/9/78	10/9/78	100.00	100	100	100
10/10/78	10/10/78	100.00	100	100	100
10/11/78	10/11/78	100.00	100	100	100
10/12/78	10/12/78	100.00	100	100	100
10/13/78	10/13/78	100.00	100	100	100
10/14/78	10/14/78	100.00	100	100	100
10/15/78	10/15/78	100.00	100	100	100
10/16/78	10/16/78	100.00	100	100	100
10/17/78	10/17/78	100.00	100	100	100
10/18/78	10/18/78	100.00	100	100	100
10/19/78	10/19/78	100.00	100	100	100
10/20/78	10/20/78	100.00	100	100	100
10/21/78	10/21/78	100.00	100	100	100
10/22/78	10/22/78	100.00	100	100	100
10/23/78	10/23/78	100.00	100	100	100
10/24/78	10/24/78	100.00	100	100	100
10/25/78	10/25/78	100.00	100	100	100
10/26/78	10/26/78	100.00	100	100	100
10/27/78	10/27/78	100.00	100	100	100
10/28/78	10/28/78	100.00	100	100	100
10/29/78	10/29/78	100.00	100	100	100
10/30/78	10/30/78	100.00	100	100	100
10/31/78	10/31/78	100.00	100	100	100
11/1/78	11/1/78	100.00	100	100	100
11/2/78	11/2/78	100.00	100	100	100
11/3/78	11/3/78	100.00	100	100	100
11/4/78	11/4/78	100.00	100	100	100
11/5/78	11/5/78	100.00	100	100	100
11/6/78	11/6/78	100.00	100	100	100
11/7/78	11/7/78	100.00	100	100	100
11/8/78	11/8/78	100.00	100	100	100
11/9/78	11/9/78	100.00	100	100	100
11/10/78	11/10/78	100.00	100	100	100
11/11/78	11/11/78	100.00	100	100	100
11/12/78	11/12/78	100.00	100	100	100
11/13/78	11/13/78	100.00	100	100	100
11/14/78	11/14/78	100.00	100	100	100
11/15/78	11/15/78	100.00	100	100	100
11/16/78	11/16/78	100.00	100	100	100
11/17/78	11/17/78	100.00	100	100	100
11/18/78	11/18/78	100.00	100	100	100
11/19/78	11/19/78	100.00	100	100	100
11/20/78	11/20/78	100.00	100	100	100
11/21/78	11/21/78	100.00	100	100	100
11/22/78	11/22/78	100.00	100	100	100
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11/24/78	11/24/78	100.00	100	100	100</

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REVOYD FINE

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PROBLEM 11.10

TO	FROM	DATE	TIME

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