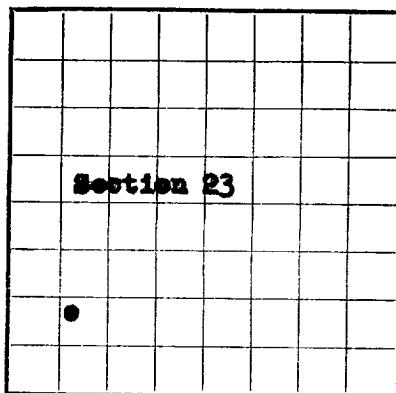


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SP 076431**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

AUG 29 1956

U. S. GEOLOGICAL SURVEY
SANTA FE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Southern Union Gas Company** Address **1001 Burt Bldg., Dallas, Texas**
Lessor or Tract **Nicksen** Field **Ballard P. C.** State **New Mexico**
Well No. **6** Sec. **23** T. **26N** R. **8W** Meridian **N.M.P.M.** County **San Juan**
Location **990** ft. **N.** of **S** Line and **790** ft. **E.** of **W** Line of **Section 23** Elevation **6922**
(Derrick floor relative to sea level)
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 **A. M. Wiederkehr** Title **Mgr., Exploration Dept.**
Date **August 24, 1956**

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

Commenced drilling **3--30--**, 19 **56** Finished drilling **4-9--**, 19 **56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2678** to **2691 (G)** No. 4, from _____ to _____
No. 2, from **2708** to **2730 (G)** No. 5, from _____ to _____
No. 3, from **2748** to **2758 (G)** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32.30	8SD	J-55	90'					Surface Production
5-1/2	17.3	8SD	J-55	2116					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	91' GL	80	Wallburton		
5-1/2	2800' RKA	200	Wallburton		
1"	2771'				

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
Job #1 Perforated 2748' to 2758' - Sand water fraced perforations with 18,548 gals. water & 15,000# sand.						
* Set Baker Plug @ 2745'						

TOOLS USED

Rotary tools were used from **-0-** feet to **2800** feet, and from _____ feet to _____ feet
Cable tools were used from **Cleaning out & fracing** feet to _____ feet, and from _____ feet to _____ feet

DATES

6-28-, 19 **56** 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 **1176 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **656# / 72 hrs.**

EMPLOYEES

Bansen-Montin-Greer Drilling Co. Driller **McKinney Drilling Co.** Driller
H. B. Barker Driller **Willard Martin** Driller
C. B. Guffey

FORMATION RECORD **Mike Gornaley**

FROM—	TO—	TOTAL FEET	FORMATION
*Job #2 Perforated 2708' to 2730' - Sand water fraced perforations with 19,780 gals. water & 20,000# sand.			
Job #3 Perforated 2678' to 2691' - Sand water fraced perforations with 18,900 gals. water & 15,000# sand.			
-0-	90	90	Sandstone
90	153	63	Sand
153	653	500	Shale
653	1896	1243	Shale & sand
1896	2075	179	Shale
2075	2703	628	Shale & sand
2703	2800 TD	97	Shale, Coal & sand
Pictured Cliffs 2670'			

FORMATION RECORD—Continued

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SERIAL NUMBER
U. S. LAND OFFICE
SENTS TO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 28 1955

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

George EG

Date August 24, 1936
 Signed A. H. Richardson
 Title Manager, Exploration Dept.
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Location 230 ft. E. of a line and 100 ft. W. of line of Section 23
 Well No. 23 T. 28 N. R. 34 W. Meridian
 Section or Township Michigan
 Company Southern Union Gas Company
 Address 1001 West 11th St., Dallas, Texas
 State New Mexico
 County San Juan
 6922

Commonwealth Drilling Co. 3--30-36 to 36 Finished Drilling #2-1 1936

NO TO OIL OR GAS SALES TO DEMOCRATS

(F) $\frac{1}{2} \log 2$

No. 1, from	to	2525 (6)	No. 4, from	to	2525 (6)
No. 2, from	to	2530 (6)	No. 5, from	to	2530 (6)
No. 3, from	to	2535 (6)	No. 6, from	to	2535 (6)

IMPORTANT WATER SANDS

..... of from No. 1, from	 of from No. 1, from
..... of from No. 2, from	 of from No. 2, from

130000 01/12/20

Size coding	Weight per foot	Threads per inch	Make	Amount	Kind of uses	Estimated pulled from	Reconditioned To	Remarks
-3/8	32.305	32	1-32	200				Surface treatment

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", so tell 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 for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

10-48094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CELEBRATING RECORD

Base Rate to Income	Yearly Rate	Base Rate to	Income to a Yearly Rate	Base Rate to	Income to a Yearly Rate
		notified	00	00	00
		notified	00	00	00

REF ID: A66419

.....	top direct		direct		direct		direct
.....			indirect		indirect		indirect

ENCLOSURE

Serial No.	Quantity	Date	Project Name	Project Location
1	1000	1950	Project A	Location A
2	2000	1951	Project B	Location B
3	3000	1952	Project C	Location C
4	4000	1953	Project D	Location D
5	5000	1954	Project E	Location E
6	6000	1955	Project F	Location F
7	7000	1956	Project G	Location G
8	8000	1957	Project H	Location H
9	9000	1958	Project I	Location I
10	10000	1959	Project J	Location J

.....

0220 21007

test... of test... from line test... 0082 test... of test... -0- from line test... 0082 test... of test... from line test... 0082 test... of test... from line test... 0082

DATE

Page 1 of 1

_____ barrels of fluid of which _____ saw none for the first 24 hours was _____

_____ % sediment; _____ % water; and _____

11 gas well on 16 per 24 hours	1176 MCF	Gallons gasoline per 1,000 cu. ft. of gas
--------------------------------	----------	---

Book present. I'd be ad in 8/2/83 hrs.

EMPTOYES

H. Barker	Diller	Mann-Whitney Co.	Diller	Weldway Drilling Co.	Diller
				Willard Weston	Diller

INFORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
00	2500	2500	Shale, Coal & sand
01	2400	2400	Shale & sand
02	2300	2300	Shale
03	2200	2200	Shale & sand
04	2100	2100	Shale
05	2000	2000	Shale & sand
06	1900	1900	Shale
07	1800	1800	Shale
08	1700	1700	Shale
09	1600	1600	Shale
10	1500	1500	Shale
11	1400	1400	Shale
12	1300	1300	Shale
13	1200	1200	Shale
14	1100	1100	Shale
15	1000	1000	Shale
16	900	900	Shale
17	800	800	Shale
18	700	700	Shale
19	600	600	Shale
20	500	500	Shale
21	400	400	Shale
22	300	300	Shale
23	200	200	Shale
24	100	100	Shale
25	0	0	Shale

10795 44110 361015
