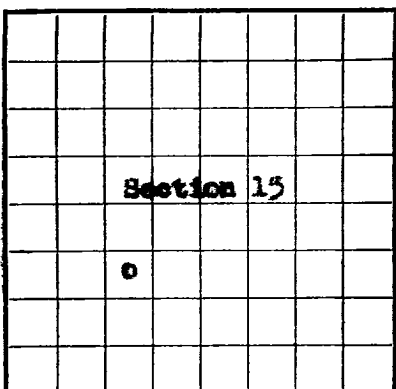


U. S. LAND OFFICE

Contract No. 104

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

RECEIVED
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Company Southern Union Gas Company Address 1001 Burt Building, Dallas 1, Texas
Lessor or Tract Jicarilla Field Wildcat State New Mexico
Well No. 2-E Sec. 15 T. 26N R. 4-W Meridian N. M. P. M. County Rio Arriba
Location 1650 ft. [N.] of S Line and 1650 ft. [E.] of W Line of Section 15 Elevation 6777
(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

Date July 12, 1955Title Manager, Exploration Dept.

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

Commenced drilling May 22, 19 55 Finished drilling June 3, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

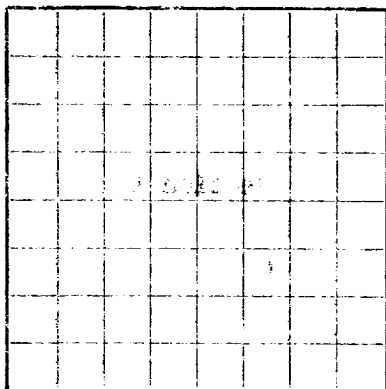
No. 1, from 3420 to 3478 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

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	36	8rd	J-55	152.87					surface production
The above is a list of the casing and tubing used in the well and the amount of each. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. It is to be used for the purpose of determining the cost of the well and the cost of the production. 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LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

U.S. LAND OFFICE
SPECIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
Date _____

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

Commenced drilling _____
Finished drilling _____
19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

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

CASING RECORD

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Stripped	Purpose

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 "squeaked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pumps or bridges were put in to test the water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing	Size	Feet used	Number sacks of cement	Settling used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heaving plug—Material _____
Depth _____
Size _____
Depth set _____

SHOOTING RECORD

Size	Shot used	Explosive used	Quantity	Depth	Depth cleared 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.

DATES

Put to producing _____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil; _____ of emulsion; _____ of water; and _____ of sediment.
If gas well, cut ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, _____

EMPLOYEES

_____ Driller
_____ Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
10	11	1	Shale
11	12	1	Shale
12	13	1	Shale
13	14	1	Shale
14	15	1	Shale
15	16	1	Shale
16	17	1	Shale
17	18	1	Shale
18	19	1	Shale
19	20	1	Shale
20	21	1	Shale
21	22	1	Shale
22	23	1	Shale
23	24	1	Shale
24	25	1	Shale
25	26	1	Shale
26	27	1	Shale
27	28	1	Shale
28	29	1	Shale
29	30	1	Shale
30	31	1	Shale
31	32	1	Shale
32	33	1	Shale
33	34	1	Shale
34	35	1	Shale
35	36	1	Shale
36	37	1	Shale
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95	96	1	Shale
96	97	1	Shale
97	98	1	Shale
98	99	1	Shale
99	100	1	Shale

