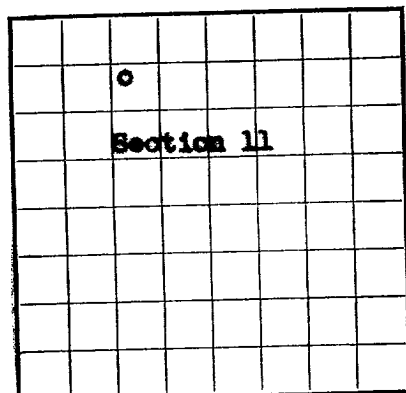


U. S. LAND OFFICE **Jicarilla Apache**
Tribe of Indians
 SERIAL NUMBER **Contract #104**
 LEASE OR PERMIT TO PROSPECT -----



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Hurt Building, Dallas, Texas
 Lessor or Tract Jicarilla Field Wildcat State New Mexico
 Well No. 1-M Sec. 11 T. 23 R. 4W Meridian N.M.P.M. County Rio Arriba
 Location 990 ft. N. of N. Line and 1100 ft. E. of W. Line of Section 11 Elevation 7307
 (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.

Date September 19, 1955

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

Commenced drilling July 19, 1955 Finished drilling August 8, 1955

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3028, to 3108 (a) 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

CASING RECORD							Perforated		Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	
10-3/4	32#	8 RD	J-55	142'					Surface Production
7-7/8	20#	8 RD	J-55	1000'					
HISTORICAL DATA ON THE WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	141'	100	Haliburton		
7	3025'	150			
2-3/8	3044'				

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
Sand free from 3025 feet to 3108 feet with 19,700 gals. oil and 17,500# sand.						

TOOLS USED

Rotary tools were used from 0 feet to 3107 feet, and from _____ feet to _____ feet

Cable tools were used from 3107 feet to 3108 feet, and from _____ feet to _____ feet

DATES

August 16, 1955 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 **1482.2 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **6984/14 Days**

EMPLOYEES

Flueger-Riley Drilling Co.	Driller	McKinney Drilling Company	Driller
B. B. Bradshaw	Driller	W. G. Lewis	Driller
J. A. Thompson	FORMATION RECORD	J. W. McKinney	

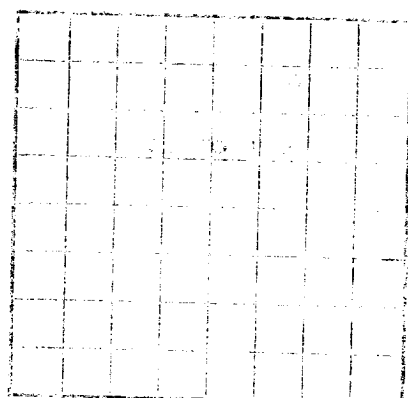
FORMATION RECORD J. W McKinney

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



UNIVERSITY OF CALIFORNIA LIBRARY

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 of _____
_____ of _____

Well No. _____

Person or Firm _____

This _____ State _____
Address _____

The warranty on this pump is for the condition of the well at above date

001 OR 02 2404 00 0000

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Case	Case	Case	Case
Case 1	Case 2	Case 3	Case 4
Case 5	Case 6	Case 7	Case 8
Case 9	Case 10	Case 11	Case 12
Case 13	Case 14	Case 15	Case 16
Case 17	Case 18	Case 19	Case 20
Case 21	Case 22	Case 23	Case 24
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Case 85	Case 86	Case 87	Case 88
Case 89	Case 90	Case 91	Case 92
Case 93	Case 94	Case 95	Case 96
Case 97	Case 98	Case 99	Case 100

SECRET

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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

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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