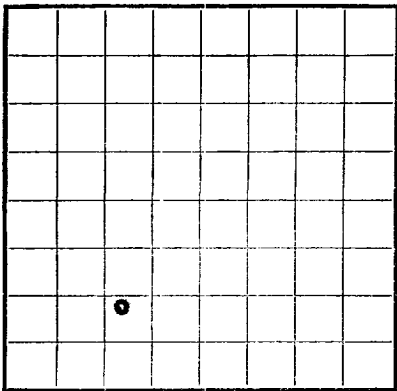


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 047017 - B
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Production Company Address Box 808, Farmington, New Mexico
Lessor or Tract Angel Peak "B" Field Basin Dakota State New Mexico
Well No. 24 Sec. 13 T. 28N R. 11W Meridian N.M.P.M. County San Juan
Location 990 ft. [N.] of [S.] Line and 1650 ft. [E.] of [W.] Line of Section 13 Elevation 5864
(Derick 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 Thomas A. Fenno *Thomas A. Fenno*

Date November 29, 1962 Title Asst. Dir. Supt.

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

Commenced drilling October 30, 1962 Finished drilling November 11, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6519 to 6534-0 No. 4, from 6346 to 6362-0
No. 2, from 6404 to 6450-0 No. 5, from _____ to _____
No. 3, from 6318 to 6336-0 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—	
8 5/8	279.4	135							
4 1/2	6576	669							
HISTORIA OF OIL & GAS METT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	279.4	135	Pump		
4 1/2	6576	669	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 0- feet to 6500 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 5,117 MCF/D Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1875 14,757 MCF/D GAOF

EMPLOYEES

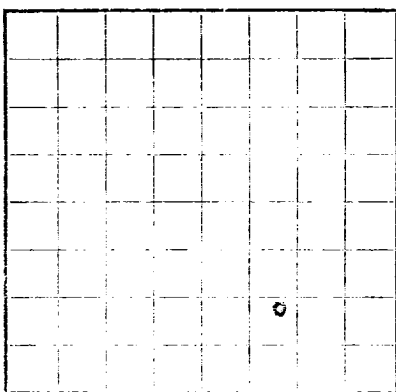
A. A. Mc Guire _____, Driller R. L. Parker _____, Driller
C. E. Watson _____, Driller J. Malley _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	885	885	Tertiary
885	1616	730	Cretaceous sd & sh
1616	1875	260	Fruitland
1875	1950	75	Pictured Cliff
1950	3455	1505	Lewis
3455	3570	115	Cliff House
3570	4245	675	Hemefee
4245	4560	315	Point Lookout
4560	5445	885	Mancos
5445	6220	765	Gallup
6220	6315	95	Greenhorn
6315	6578	265	Dakota

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company, Southern Union Stonecutting Company, Address, 801, Washington, New Mexico
Lessor or Trust, Angel Peak Co.
Well No. 25 Sec. 13, T. 28N. R. 11W. Meridian
Location, 250 ft. N. of line and 150 ft. E. of line of section 3
Elevation, 5200
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 J. Jones, Owner

Date, November 2, 1952
The summary on this page is for the condition of the well at above date.
Commenced drilling, March 2, 1952. Finished drilling, November 11, 1952.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2512 to 2514 from
No. 2, from 2514 to 2516 from
No. 3, from 2516 to 2518 from

IMPORTANT WATER SANDS

No. 1, from 2518 to 2520 from
No. 2, from 2520 to 2522 from

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of rod running, casing, and cementing. If there were any changes made in the casing, state fully, and if any casing was added, state the date and location. If the well has been dynamited, give date, size, position, and depth of shot. If plugs or bridges were put in to test for water, state kind of material used, position, and result of pumping or bailing. Purpose

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE
16-43094-2

MUDDING AND CEMENTING RECORD

Casing	Size	Weight	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2	27.5	132	132	132	132	132
5 1/2	27.5	132	132	132	132	132

PLUGS AND ADAPTERS

Heaving plug—Material
Adapters—Material
Length
Size
Depth set

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

DATES

The production for the first 24 hours was
emulsion; water; and sediment.
If gas well, cu. ft. per 24 hours
Rock pressure, lbs. per sq. in.
Gallons gasoline per 1,000 cu. ft. of gas
Gravity, °Bé.
Put to producing, 1952

EMPLOYEES

Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Gravelly
80	100	100	Gravelly
100	120	120	Gravelly
120	140	140	Gravelly
140	160	160	Gravelly
160	180	180	Gravelly
180	200	200	Gravelly
200	220	220	Gravelly
220	240	240	Gravelly
240	260	260	Gravelly
260	280	280	Gravelly
280	300	300	Gravelly
300	320	320	Gravelly
320	340	340	Gravelly
340	360	360	Gravelly
360	380	380	Gravelly
380	400	400	Gravelly
400	420	420	Gravelly
420	440	440	Gravelly
440	460	460	Gravelly
460	480	480	Gravelly
480	500	500	Gravelly
500	520	520	Gravelly
520	540	540	Gravelly
540	560	560	Gravelly
560	580	580	Gravelly
580	600	600	Gravelly
600	620	620	Gravelly
620	640	640	Gravelly
640	660	660	Gravelly
660	680	680	Gravelly
680	700	700	Gravelly
700	720	720	Gravelly
720	740	740	Gravelly
740	760	760	Gravelly
760	780	780	Gravelly
780	800	800	Gravelly
800	820	820	Gravelly
820	840	840	Gravelly
840	860	860	Gravelly
860	880	880	Gravelly
880	900	900	Gravelly
900	920	920	Gravelly
920	940	940	Gravelly
940	960	960	Gravelly
960	980	980	Gravelly
980	1000	1000	Gravelly