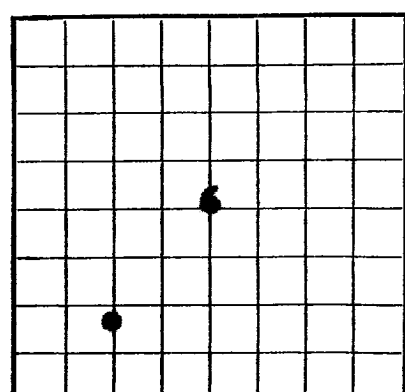




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1042 North High., Dallas, Texas
 Lessor or Tract Jaguar Field Elmore State New Mexico
 Well No. 1 Sec. 6 T. 34 N. R. 24 Meridian N.M.P.M. County Santa Fe
 Location 2000 ft. ^[N.] of 3 Line and 1160 ft. ^[E.] of W Line of Section 6 Elevation 6153

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 October 17, 1957

Signed

Title _____

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

Commenced drilling 19-~~52~~ Finished drilling 19-~~52~~

OIL OR GAS SANDS OR ZONES

(Denote gas by $\oplus$)

No. 1, from 4635 to 5257 (6) No. 4, from _____ to _____
No. 2, from 5398 to 5598 (6) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	259' 12"	200	Wellsborton		
7-1/2"	259' 12"	150	Wellsborton		
5-1/2"	Below, top of 259' 12", bottom of 259' 12" covered with 150 sacks				

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
Perforated	405-2157	2700-7778	2700-7778	194,500	gals. water & 160,000	sand.

TOOLS USED

Rotary tools were used from 0 feet to 3100 feet, and from 3100 feet to 3660 feet.

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

DATES

-----, 19 9-27-37 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. -----	Put to producing -----, 19----- barrels of fluid of which -----% was oil; -----% Gravity, °Bé. ----- Gallons gasoline per 1,000 cu. ft. of gas -----
--	--

EMPLOYEES

Garrett Bros. Drilling Co.	Driller	C. E. Moore	Driller
H. L. Brown	Driller	H. E. Williams	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	70	70	Shale & shale
70	140	140	Shale
140	190	190	Shale & sand
190	207	207	Shale
207	227	227	Sand & shale
227	230	230	Lime - shale
230	232	232	Lime, sand, shale
232	234	234	Sand & shale
234	235	235	Shale & lime
235	236	236	Shale & sand
236	238	238	Lime & shale
238	240	240	Sand & shale
240	250	250	Gas drilled

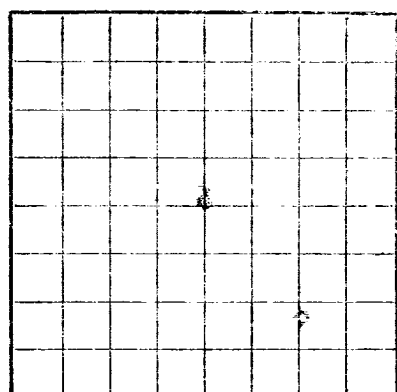
NPS: Pictured Glass 300
 Glass House 400
 Paint Lockout 300

DEC 3
 01 000000
 001 53 1321
 RECEIVED

FROM-
TO-
TOTAL FEET
FORMATION

REF: Pictorial slides 1965
Slide Room 1966
Paint Lockup 1966

DECLASSIFIED
BY SP-5 JAC/STP
ON 01-23-2001



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

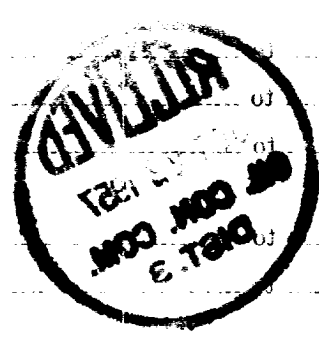
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

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
Signed _____
Date _____

The summary on this page is for the condition of the well at above date
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____



IMPORTANT WATER SANDS

CASING RECORD

Casing	Size	Weight	Thread	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	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 the results. If there were any changes made in the casing, state fully, and if any casing was substituted, or if the well was dynamited, give date, size, position, and number of shots. All plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing	Size	Weight	Thread	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose

PLUGS AND ADAPTERS

Heaving plug—Material _____
Adapters—Material _____
Length _____
Depth set _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	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

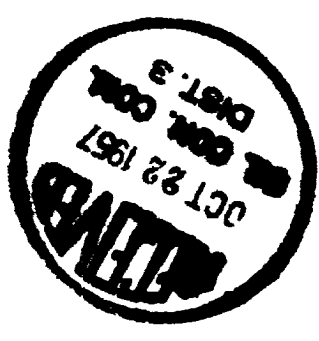
Put to producing _____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil
If gas well, cu. ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gravity, _____
Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Gravel, sand, shells
10	20	20	Gravel, sand, shells
20	30	30	Gravel, sand, shells
30	40	40	Gravel, sand, shells
40	50	50	Gravel, sand, shells
50	60	60	Gravel, sand, shells
60	70	70	Gravel, sand, shells
70	80	80	Gravel, sand, shells
80	90	90	Gravel, sand, shells
90	100	100	Gravel, sand, shells
100	110	110	Gravel, sand, shells
110	120	120	Gravel, sand, shells
120	130	130	Gravel, sand, shells
130	140	140	Gravel, sand, shells
140	150	150	Gravel, sand, shells
150	160	160	Gravel, sand, shells
160	170	170	Gravel, sand, shells
170	180	180	Gravel, sand, shells
180	190	190	Gravel, sand, shells
190	200	200	Gravel, sand, shells
200	210	210	Gravel, sand, shells
210	220	220	Gravel, sand, shells
220	230	230	Gravel, sand, shells
230	240	240	Gravel, sand, shells
240	250	250	Gravel, sand, shells
250	260	260	Gravel, sand, shells
260	270	270	Gravel, sand, shells
270	280	280	Gravel, sand, shells
280	290	290	Gravel, sand, shells
290	300	300	Gravel, sand, shells
300	310	310	Gravel, sand, shells
310	320	320	Gravel, sand, shells
320	330	330	Gravel, sand, shells
330	340	340	Gravel, sand, shells
340	350	350	Gravel, sand, shells
350	360	360	Gravel, sand, shells
360	370	370	Gravel, sand, shells
370	380	380	Gravel, sand, shells
380	390	390	Gravel, sand, shells
390	400	400	Gravel, sand, shells
400	410	410	Gravel, sand, shells
410	420	420	Gravel, sand, shells
420	430	430	Gravel, sand, shells
430	440	440	Gravel, sand, shells
440	450	450	Gravel, sand, shells
450	460	460	Gravel, sand, shells
460	470	470	Gravel, sand, shells
470	480	480	Gravel, sand, shells
480	490	490	Gravel, sand, shells
490	500	500	Gravel, sand, shells
500	510	510	Gravel, sand, shells
510	520	520	Gravel, sand, shells
520	530	530	Gravel, sand, shells
530	540	540	Gravel, sand, shells
540	550	550	Gravel, sand, shells
550	560	560	Gravel, sand, shells
560	570	570	Gravel, sand, shells
570	580	580	Gravel, sand, shells
580	590	590	Gravel, sand, shells
590	600	600	Gravel, sand, shells
600	610	610	Gravel, sand, shells
610	620	620	Gravel, sand, shells
620	630	630	Gravel, sand, shells
630	640	640	Gravel, sand, shells
640	650	650	Gravel, sand, shells
650	660	660	Gravel, sand, shells
660	670	670	Gravel, sand, shells
670	680	680	Gravel, sand, shells
680	690	690	Gravel, sand, shells
690	700	700	Gravel, sand, shells
700	710	710	Gravel, sand, shells
710	720	720	Gravel, sand, shells
720	730	730	Gravel, sand, shells
730	740	740	Gravel, sand, shells
740	750	750	Gravel, sand, shells
750	760	760	Gravel, sand, shells
760	770	770	Gravel, sand, shells
770	780	780	Gravel, sand, shells
780	790	790	Gravel, sand, shells
790	800	800	Gravel, sand, shells
800	810	810	Gravel, sand, shells
810	820	820	Gravel, sand, shells
820	830	830	Gravel, sand, shells
830	840	840	Gravel, sand, shells
840	850	850	Gravel, sand, shells
850	860	860	Gravel, sand, shells
860	870	870	Gravel, sand, shells
870	880	880	Gravel, sand, shells
880	890	890	Gravel, sand, shells
890	900	900	Gravel, sand, shells
900	910	910	Gravel, sand, shells
910	920	920	Gravel, sand, shells
920	930	930	Gravel, sand, shells
930	940	940	Gravel, sand, shells
940	950	950	Gravel, sand, shells
950	960	960	Gravel, sand, shells
960	970	970	Gravel, sand, shells
970	980	980	Gravel, sand, shells
980	990	990	Gravel, sand, shells
990	1000	1000	Gravel, sand, shells



FORMATION RECORD—Continued