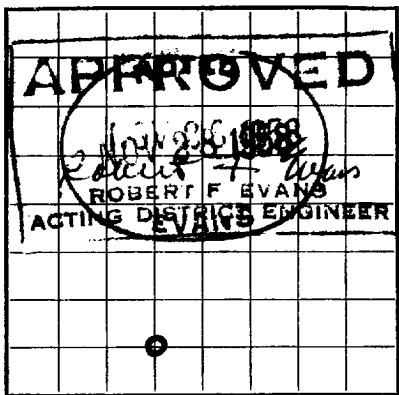


U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **02925**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **John J. Dorie** Address **1524 Fidelity Union Life Building**
Lessor or Tract **Littlefield-Federal** Field **Wildcat** State **Dallas, Texas**
Well No. **1** Sec. **7** T. **13-S** R. **29-E** Meridian **100N** County **Chaves**
Location **660** ft. **XX** of **S** Line and **1980** ft. **XX** of **W** Line of **Sec. 7** Elevation **3656**
(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 **John J. Dorie** Owner

Date **November 13, 1958**

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

Commenced drilling **October 16**, 19**58** Finished drilling **November 8,** 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
8-5/8 22				101	Tex Pattern				Surface
It is of the greatest importance to place a complete history of the well. Please state in detail the dates of logging, testing, etc., and the reasons for the work and its results. If there were any changes made in the casing size, type, or thickness, state the size and thickness of the casing used and the reasons for the change.									
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
8-5/8 303		100	Pump		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size **25 ex @ 2000' & 600', 15 ex @ 230 & 0'**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **-0-** feet to **3005** feet, and from _____ feet to _____ feet

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

DATES

Nov. 8, 19**58** 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Waters Drilling Co., Driller _____, Driller _____

, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	210	210	Sand & red beds
210	240	30	Anhydrite
240	650	410	Salt & Anhydrite
650	760	110	Sand
760	1945	1185	Anhydrite & Sand
1945	3005	1060	Dolomite
		3005	

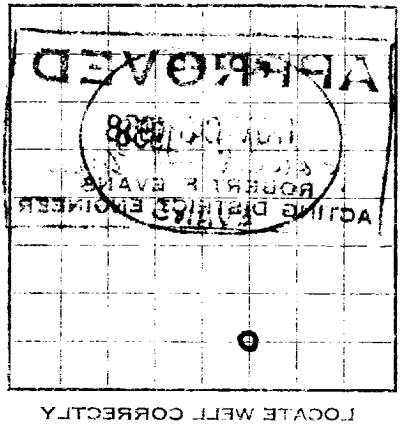
CORE 1362-1413'. Rec. 48' sand, anhydrite and salt.

CORE 1492-1542'. Rec. 52' shale and sand.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company, Union Pacific
Lessor or Trust, Union Pacific
Well No., 1
Location, 1/2 Sec. 1, T. 12 N., R. 23 E., of Line and 1/2 of E. 1/4 of Sec. 1
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, James J. Evans
Date, November 12, 1938
The summary on this page is for the condition of the well at above date.

Commenced drilling, October 15, 1938
Finished drilling, November 1, 1938
OIL OR GAS SANDS OR ZONES
(Indicate on pg. 5)

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

IMPORTANT WATER SANDS
No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD				
Size and Weight	Thread per Foot	Make	Amount	Kind of Shoe
From	To	From	To	From
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 testing.				

MUDDING AND CEMENTING RECORD				
Size	Weight	Number sacks of cement	Method used	Mud gravity
Amount of mud used				

PLUGS AND ADAPTERS		
Heaving plug—	Adapter—	Depth set
Vertical	Vertical	

SHOOTING RECORD				
Size	Shells used	Explosive used	Quantity	Date
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	
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % was gas.	
It gas well, _____ barrels per 24 hours.	
Back pressure, _____ lbs. per sq. in.	

EMPLOYEES	
Driller, _____	
Driller, _____	

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	210	210	Sand to red beds
210	240	30	Shale
240	250	10	Shale
250	260	10	Shale
260	270	10	Shale
270	280	10	Shale
280	290	10	Shale
290	300	10	Shale
300	310	10	Shale
310	320	10	Shale
320	330	10	Shale
330	340	10	Shale
340	350	10	Shale
350	360	10	Shale
360	370	10	Shale
370	380	10	Shale
380	390	10	Shale
390	400	10	Shale
400	410	10	Shale
410	420	10	Shale
420	430	10	Shale
430	440	10	Shale
440	450	10	Shale
450	460	10	Shale
460	470	10	Shale
470	480	10	Shale
480	490	10	Shale
490	500	10	Shale
500	510	10	Shale
510	520	10	Shale
520	530	10	Shale
530	540	10	Shale
540	550	10	Shale
550	560	10	Shale
560	570	10	Shale
570	580	10	Shale
580	590	10	Shale
590	600	10	Shale
600	610	10	Shale
610	620	10	Shale
620	630	10	Shale
630	640	10	Shale
640	650	10	Shale
650	660	10	Shale
660	670	10	Shale
670	680	10	Shale
680	690	10	Shale
690	700	10	Shale
700	710	10	Shale
710	720	10	Shale
720	730	10	Shale
730	740	10	Shale
740	750	10	Shale
750	760	10	Shale
760	770	10	Shale
770	780	10	Shale
780	790	10	Shale
790	800	10	Shale
800	810	10	Shale
810	820	10	Shale
820	830	10	Shale
830	840	10	Shale
840	850	10	Shale
850	860	10	Shale
860	870	10	Shale
870	880	10	Shale
880	890	10	Shale
890	900	10	Shale
900	910	10	Shale
910	920	10	Shale
920	930	10	Shale
930	940	10	Shale
940	950	10	Shale
950	960	10	Shale
960	970	10	Shale
970	980	10	Shale
980	990	10	Shale
990	1000	10	Shale

COAL 1903-1913, sec. 1, sand, argillite and shale.
COAL 1903-1913, sec. 1, sand, argillite and shale.