

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078863
LEASE OR PERMIT TO PROSPECT KrauseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western Natural Gas Company Address Farmington, New Mexico
Lessor or Tract Krause Field West Data Ext. State New Mexico
Well No. 1 Sec. 29 T. 28N R. 11W Meridian N.M.P.M. County San Juan
Location 1650 ft. ^[N.] of S Line and 990 ft. ^[E.] of W Line of 29-28N-11W Elevation 5949
(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 cott R. BrownDate May 12, 1953 Title District Superintendent

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

Commenced drilling March 31, 1953 Finished drilling April 17, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1788 to 1819 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—	
<u>9-5/8</u>	<u>32</u>	<u>8</u>	<u>Met'l</u>	<u>9 1/2'</u>	<u>Regular</u>				
<u>7</u>	<u>23 1/2</u>	<u>8</u>	<u>Met'l</u>	<u>1788-1819</u>	<u>Ball</u>				
HISTORICAL RECORD 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
<u>9-5/8</u>	<u>9 1/2'</u>	<u>75</u>	<u>Halliburton</u>		
<u>7</u>	<u>1788</u>	<u>100</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material Hydramite Length 26' Depth set 1819-45
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>4-1/2"</u>		<u>Nitro</u>	<u>80</u>	<u>4-15-53</u>	<u>1794-1819</u>	<u>1819</u>

TOOLS USED

Rotary tools were used from _____ feet to 1845 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 1953

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 115 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 425#

EMPLOYEES

_____, Driller _____, Driller
Bill Wells, Driller Jack Hittson, Driller
V. V. Kilgore, Driller _____, Driller

FORMATION RECORD

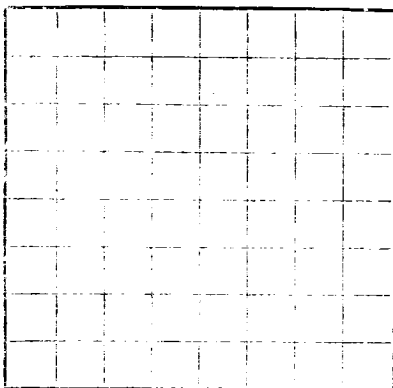
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>740</u>	<u>740</u>	<u>Sand w/ thin shale breaks.</u>
<u>740</u>	<u>1500</u>	<u>760</u>	<u>Shale & sand.</u>
<u>1500</u>	<u>1788</u>	<u>288</u>	<u>Shale w/ sand & coal breaks.</u>
<u>1788</u>	<u>1819</u>	<u>28 3/4</u>	<u>Sand. P. C.</u>
<u>1819</u>	<u>1845</u>	<u>26</u>	<u>Sand & shale</u>
	<u>1845 TD</u>	<u>PLE 1819</u>	

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

State of _____
County of _____
Section _____
Range _____
Township _____



LOCATE WELL CORRECTLY

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.

Date _____
The summary on this page is for the location of the well at above stated
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

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 _____

CASING RECORD

Casing	Size	Weight	Threads per foot	Welds	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose

HISTORY OF OIL OR GAS WELL

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 any bridge or bridge were put in the well for any reason, state fully, and results of pumping or bailing.

MUDDING AND CEMENTING RECORD

Casing	Size	Weight	Threads per foot	Welds	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose

SLUGS AND ADAPTERS

Slugs _____
Adapters _____
Length _____
Depth set _____

SHOOTING RECORD

Shot	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

Put to producing _____
The production for the first 24 hours was _____
If gas well, oil, per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Emulsion; _____% water; and _____% sediment.
Gravities, etc. _____
Parts of fluid of which _____% was oil; _____%
Put to producing _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Hard w/ thin shale breaks.
100	150	150	Shale & sand.
150	175	175	Shale w/ sand & coal breaks.
175	185	185	Sand.
185	195	195	Sand & shale.
195	200	200	Sand & shale.
200	210	210	Sand & shale.
210	220	220	Sand & shale.
220	230	230	Sand & shale.
230	240	240	Sand & shale.
240	250	250	Sand & shale.
250	260	260	Sand & shale.
260	270	270	Sand & shale.
270	280	280	Sand & shale.
280	290	290	Sand & shale.
290	300	300	Sand & shale.
300	310	310	Sand & shale.
310	320	320	Sand & shale.
320	330	330	Sand & shale.
330	340	340	Sand & shale.
340	350	350	Sand & shale.
350	360	360	Sand & shale.
360	370	370	Sand & shale.
370	380	380	Sand & shale.
380	390	390	Sand & shale.
390	400	400	Sand & shale.
400	410	410	Sand & shale.
410	420	420	Sand & shale.
420	430	430	Sand & shale.
430	440	440	Sand & shale.
440	450	450	Sand & shale.
450	460	460	Sand & shale.
460	470	470	Sand & shale.
470	480	480	Sand & shale.
480	490	490	Sand & shale.
490	500	500	Sand & shale.
500	510	510	Sand & shale.
510	520	520	Sand & shale.
520	530	530	Sand & shale.
530	540	540	Sand & shale.
540	550	550	Sand & shale.
550	560	560	Sand & shale.
560	570	570	Sand & shale.
570	580	580	Sand & shale.
580	590	590	Sand & shale.
590	600	600	Sand & shale.
600	610	610	Sand & shale.
610	620	620	Sand & shale.
620	630	630	Sand & shale.
630	640	640	Sand & shale.
640	650	650	Sand & shale.
650	660	660	Sand & shale.
660	670	670	Sand & shale.
670	680	680	Sand & shale.
680	690	690	Sand & shale.
690	700	700	Sand & shale.
700	710	710	Sand & shale.
710	720	720	Sand & shale.
720	730	730	Sand & shale.
730	740	740	Sand & shale.
740	750	750	Sand & shale.
750	760	760	Sand & shale.
760	770	770	Sand & shale.
770	780	780	Sand & shale.
780	790	790	Sand & shale.
790	800	800	Sand & shale.
800	810	810	Sand & shale.
810	820	820	Sand & shale.
820	830	830	Sand & shale.
830	840	840	Sand & shale.
840	850	850	Sand & shale.
850	860	860	Sand & shale.
860	870	870	Sand & shale.
870	880	880	Sand & shale.
880	890	890	Sand & shale.
890	900	900	Sand & shale.
900	910	910	Sand & shale.
910	920	920	Sand & shale.
920	930	930	Sand & shale.
930	940	940	Sand & shale.
940	950	950	Sand & shale.
950	960	960	Sand & shale.
960	970	970	Sand & shale.
970	980	980	Sand & shale.
980	990	990	Sand & shale.
990	1000	1000	Sand & shale.