

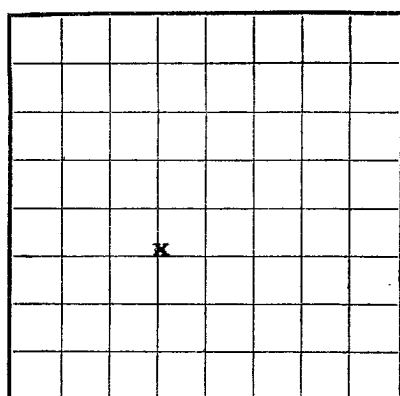
CP 9 S.F.

Form 9-330

U. S. G. S. 100-100000

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Artesia
SERIAL NUMBER 0925
LEASE OR PERMIT TO PROSPECT _____



RECEIVED UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
MAR 22 1962 GEOLOGICAL SURVEY MAR 23 1962
GEOLOGICAL SURVEY
NEW MEXICO
D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Western Development Company

Company of Delaware Address P.O. Box 427, Artesia, New Mexico

Lessor or Tract Wright Federal Field Loco Hills State New Mexico

Well No. 4 Sec. 20 T. 18S R. 29E Meridian N.M.P.M. County Eddy

Location 1980 ft. N. of S. Line and 1980 ft. E. of W. Line of Sec. 20 Elevation 3545 GL.
(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 B. W. Lawrence

Date March 22, 1962 Title Production Superintendent

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

Commenced drilling 3-2-, 19 62 Finished drilling 3-7-, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2440 to 2446 No. 4, from _____ to _____

No. 2, from 2465 to 2469 No. 5, from _____ to _____

No. 3, from 2479 to 2483 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--	
7 1/2"	485'	125	One plug						
4 1/2"	2499'	100	One plug						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 1/2"	485'	125	One plug		
4 1/2"	2499'	100	One plug		

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
Treated with 1500 gallons acid and 61,000 lb. sand using 1140 barrels lease crude.						

TOOLS USED

Rotary tools were used from Surface feet to 2500 feet, and from _____ feet to _____ feet

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

DATES

March 22, 19 62 Put to producing March 21, 19 62

The production for the first 24 hours was 48 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment.

Gravity, °Bé. 37.0

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	170	170	Caliche
170	230	60	Sandy shale
230	330	100	Red Beds
330	540	210	Anhy & shale
540	640	100	Salt
640	840	200	Anhy
840	960	120	Salt
960	1275	315	Anhy & shale
1275	1500	225	Broken lime
1500	1750	250	Lime & anhy
1750	1890	140	Lime & blue shale
1890	2190	300	Anhy & red shale
2190	2310	120	Anhy & lime
2310	2370	60	Red sand
2370	2450	80	Lime & anhy
2450	2500	50	Lime
	TD	2500	
			Yates 1018'
			7 Rivers 1310'
			Queen 2000'
			Grayburg 2362'
			Loco Hills 2460'

FORMATION RECORD—Continued

16-43094-4

U. S. Land Operator

Shut-in Number

Lease or Patent to Prospect

RECEIVED

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

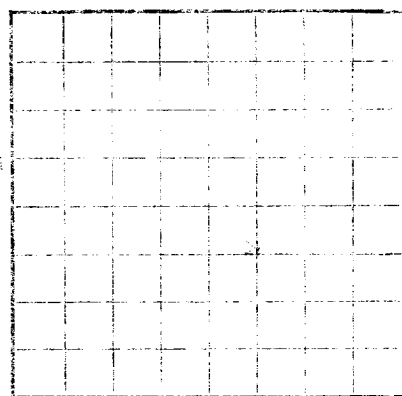
MAR 23 1963

MAR 23 1963

O. C. C.

ARTERIAL OFFICE

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

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 _____

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

(Denote gas by G)

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

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and the results. If there were any changes made in the casing, state date, size, position, and number of joints. If the well has been dynamited, give date, size, position, and results of dynamiting. 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

MUDGING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2"		100			
4 1/2"		100			

PLUGS AND ADAPTERS

Heavy plug—Material _____

Adapters—Material _____

Length _____

Depth set _____

SHOOTING RECORD

Size	Shot 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 _____ barrels of fluid of which _____% was oil.

Emulsion; _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours _____

Back pressure, lbs. per sq. in. _____

Put to producing _____

EMPLOYEES

Driller _____

Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	170	170	Shale
170	320	150	Sandy shale
320	330	10	Red shale
330	340	10	Sandy shale
340	350	10	Sand
350	360	10	Sand
360	370	10	Sand
370	380	10	Sand
380	390	10	Sand
390	400	10	Sand
400	410	10	Sand
410	420	10	Sand
420	430	10	Sand
430	440	10	Sand
440	450	10	Sand
450	460	10	Sand
460	470	10	Sand
470	480	10	Sand
480	490	10	Sand
490	500	10	Sand
500	510	10	Sand
510	520	10	Sand
520	530	10	Sand
530	540	10	Sand
540	550	10	Sand
550	560	10	Sand
560	570	10	Sand
570	580	10	Sand
580	590	10	Sand
590	600	10	Sand
600	610	10	Sand
610	620	10	Sand
620	630	10	Sand
630	640	10	Sand
640	650	10	Sand
650	660	10	Sand
660	670	10	Sand
670	680	10	Sand
680	690	10	Sand
690	700	10	Sand
700	710	10	Sand
710	720	10	Sand
720	730	10	Sand
730	740	10	Sand
740	750	10	Sand
750	760	10	Sand
760	770	10	Sand
770	780	10	Sand
780	790	10	Sand
790	800	10	Sand
800	810	10	Sand
810	820	10	Sand
820	830	10	Sand
830	840	10	Sand
840	850	10	Sand
850	860	10	Sand
860	870	10	Sand
870	880	10	Sand
880	890	10	Sand
890	900	10	Sand
900	910	10	Sand
910	920	10	Sand
920	930	10	Sand
930	940	10	Sand
940	950	10	Sand
950	960	10	Sand
960	970	10	Sand
970	980	10	Sand
980	990	10	Sand
990	1000	10	Sand