

Form 9-330

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U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

JUL 6 1962

O. C. C.
ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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

Lessor or Tract Simms and Reese Federal Field North Benson State New Mexico

Well No. 1 Sec. 33 T. 18-S. 30 R. 30 Meridian NMPM County Eddy

Location 660 ft. [S.] of N. Line and 330 ft. [W.] of E. Line of Sec. 33 Elevation 3444
(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

Title Production Superintendent

Date July 3, 1962

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

Commenced drilling May 8, 1962 Finished drilling June 11, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3308	to 3318	No. 4, from	to
No. 2, from 2980	to 2988	No. 5, from	to
No. 3, from 2784	to 2796	No. 6, from	to

IMPORTANT WATER SANDS

No. 1, from 278	to 285	No. 3, from 2635	to
No. 2, from 323	to 330	No. 4, from 3353	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	615	100			One plug		3308	3318	
4 1/2	3363	325			One plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	615	100	One plug		
4 1/2	3363	325	One plug		100 barrels

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth set	Depth cleaned out
Treated	with 1120	gallons acid, 74,	320 lb. sand and	1805 barrels	lease crude.	

TOOLS USED

Rotary tools were used from 3308 feet to 3363 feet, and from 3363 feet to 3363 feet

Cable tools were used from surface feet to 3363 feet, and from 3363 feet to 3363 feet

DATES

July 3, 1962

The production for the first 24 hours was 50 barrels of fluid of which % was oil; 100 %

emulsion; % water; and % sediment.

It gas well, cu. ft. per 24 hours

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller

Driller

FORMATION RECORD

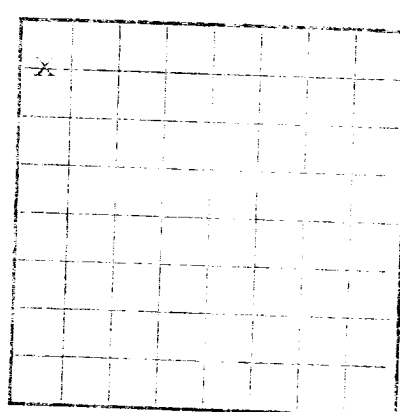
FROM	TO	TOTAL FEET	FORMATION
0	93	93	Caliche, sand
93	265	172	Shale, sand
265	360	95	Anhy, shale, sand
360	410	50	Anhy
410	430	20	Anhy, shale, sand
430	515	85	Dolo, anhy, shale
515	555	40	Anhy, shale
555	625	70	Salt, anhy, shale, some scattered sand
625	645	20	Salt
645	700	55	Salt, shale
700	1230	530	Salt
1230	1325	95	Salt, shale
1325	1365	40	Salt
1365	1400	35	Salt, shale
1400	1463	63	Salt
1463	1483	20	Anhy
1483	1532	49	Anhy, shale, dolo
1532	1543	11	Anhy, shale
1543	1564	21	Anhy
1564	1590	26	Anhy, shale
1590	1643	53	Dolo, anhy
1643	1654	11	Anhy
1654	1664	10	Anhy, shale

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLEASE PRINT OR TYPE
SERIAL NUMBER
U. S. LAND OFFICE



LOCATE WELL CORRECTLY
Company Eastern Development Company
Address P. O. Box 411, Afton, West Virginia
Lessor or Tract Summers and Reese Federal
Well No. 1 Sec. 33 T. 10 S. R. 30 E. M. 1
Location 200 ft. N. of line and 330 ft. W. of line of Sec. 33
The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.
Signed _____
Title Production Superintendent

Date July 3, 1905
The summary on this page is for the condition of the well at above date.
Commenced drilling May 2, 1905, to 65 feet finished drilling June 11, 1905, to 100 feet

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from 330 to 335	No. 4 from 335 to 340
No. 2 from 335 to 340	No. 5 from 340 to 345
No. 3 from 340 to 345	No. 6 from 345 to 350

IMPORTANT WATER SANDS

No. 1 from 330 to 335	No. 3 from 335 to 340
No. 2 from 335 to 340	No. 4 from 340 to 345

CASING RECORD

Casing	Size	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
3308	4 1/2	21.5	10.5	3308	3308	One plug	One plug	3308	For pumping or testing
3318	4 1/2	21.5	10.5	3318	3318	One plug	One plug	3318	For pumping or testing

HISTORY OF OIL OR GAS WELL

Size	Weight	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2	3308	352	One plug		100 barrels
4 1/2	3308	108	One plug		

MUDDING AND CEMENTING RECORD

Size	Weight	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2	3308	358	One plug		100 barrels
3 3/8	3318	108	One plug		

PLUGS AND ADAPTERS

Adapters - Material	Size	Length	Depth set
3207	Grayburg		

SHOOTING RECORD

Size	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose	
3308	4 1/2	21.5	10.5	3308	3308	One plug	One plug	3308	For pumping or testing
3318	4 1/2	21.5	10.5	3318	3318	One plug	One plug	3318	For pumping or testing

TOOLS USED

3110	3363	253	253	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	33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DATES

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1814	1852	1897	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	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FORMATION

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