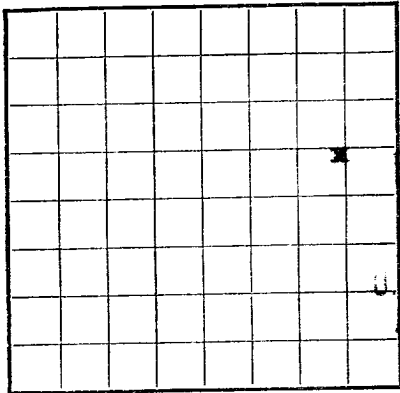


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 013814
LEASE OR PERMIT TO PROSPECT



UNITED STATES
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APR 16 1962
GEOLOGICAL SURVEY

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APR 17 1962
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Lincaid & Watson Drilling Company Address Box 493, Artesia, New Mexico
Lessor or Tract Wright Federal Field Square Lake State New Mexico
Well No. 4 Sec. 1 T. 17S R. 29E Meridian N.M.P.M. County Eddy
Location 1980 ft. W. of N. Line and 660 ft. W. of E. Line of Sec. 1-17-29 Elevation 3685 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 [Signature]
Title Assistant Secretary

Date April 14, 1962
The summary on this page is for the condition of the well at above date.

Commenced drilling 2-28-62, 19... Finished drilling 3-30-62, 19...

OIL OR GAS SANDS OR ZONES
(Depote gas by G)

No. 1, from show 2023 to 2040 No. 4, from 2715 to 2725
No. 2, from Gas 2573 to 2680 No. 5, from _____ to _____
No. 3, from Gas 2689 to 2691 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 330 to 340 No. 3, from _____
No. 2, from 2023 to 2040 No. 4, from _____

ILLEGIBLE

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"	28	8 rd.	New	2768	Float	None	2715	76	Surface
7"	20	8 rd.	New	2768	Float	None	2734	26	Water
4 1/2"	10 1/2	8 rd.	New	2768	Float	None	2734	36	Oil string
							2741	43	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	547	50	Denton		
7"	2090	None			
4 1/2"	2768	125	Denton		

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

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 _____, 19...
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. 60
Gravity, °Bé. 100
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
Jim Byler, Driller
Joe G. Taylor, Driller
W. E. Fleming, Driller
George Sands, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	155	155	Red bed and sand
155	285	130	Shale
285	410	125	Anhydrite
410	490	80	Red bed & shale
490	525	35	Anhydrite
525	970	445	Salt
970	2023	1053	Anhydrite
2023	2045	22	Red sand
2045	2305	260	Anhydrite
2305	2335	30	Anhydrite & sandy shale
2335	2430	95	Anhydrite
2430	2510	80	Lime
2510	2525	15	Anhydrite & sand
2525	2565	40	Lime
2565	2585	20	Lime & sand
2585	2673	88	Lime
2673	2680	7	Sand
2680	2725	45	Lime
2725	2732	7	Sand
2732	2768	36	Lime
2768	T.D.		

Approved for Release by NSA on 05-08-2014 pursuant to E.O. 13526

U.S. GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 UNITED STATES OF AMERICA

DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Well No. _____
 Section _____ Township _____ Range _____
 State of _____
 Name of Operator _____
 Name of Driller _____
 Date of Completion _____

Geological logs
 1995
 2707
 2710
 can address

After recovery of load oil this well will flow approximately 60 B.B.F.D.
 The well tested 3 gal. oil per hour natural on a balling test.
 He sandraced this well with 20,000 lbs. of 20-30 sand in 46,200
 gal. refined oil and 10 neoprene ball spacers. Dowell Inc. did the work.

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 "struck" 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 balling.

HISTORY OF OIL OR GAS WELL

FORMATION	TOTAL FEET	TO	FROM
FORMATION RECORD			
EMULSION			
TOOL USED			
PLUGS AND ADAPTERS			
MINING AND CEMENTING RECORDS			

LOG NO. 2707