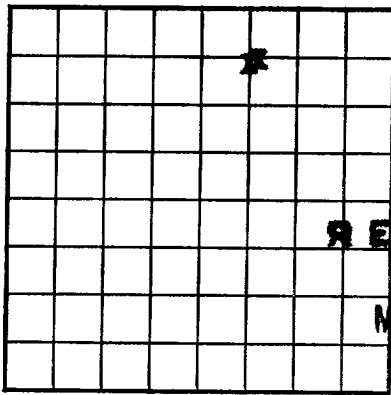


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029431
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

MAR 10 1977

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY ARTESIA, OFFICE

Company Barney Cookburn Address Box 115, Artesia, New Mexico
Lessor or Tract George Bts Field Square Lake State New Mexico
Well No. 16 Sec. 35 T. 16SR 30E Meridian NMPM County Eddy
Location 660 ft. (N) of North line and 1980 ft. (E) of East line of Section 35 Elevation 3794'
(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 Log E Moore
Title Authorized AgentDate November 29, 1943

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

Commenced drilling September 10, 1943 Finished drilling November 17, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2960 to 2965 No. 4, from 3070 to 3079
No. 2, from 3025 to 3035 No. 5, from _____ to _____
No. 3, from 3048 to 3052 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—	
10"	32.4	8	Texas Pattern	595'					Water shut-off
7"	29.1	8	Texas Pattern	100'					Oil string
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
10"	595'	75 sacks Cement	International Cementers		
7"	2910'	100 sacks Cement	International Cementers		50 sacks of heavy mud

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
3 1/2"		Nitro-Glycerin	40 qts	11/16/43	3029-3050	To Bottom
4 1/2"		Nitro-Glycerin	100 qts	11/16/43	3050-3079	To Bottom

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3079 feet, and from _____ feet to _____ feet

DATES

November 29, 1943 Put to producing December 1, 1943

The production for the first 24 hours was 75 barrels of fluid of which 100% 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

T. O. Powell _____, Driller A. H. Lewis _____, Driller
Bob Cookburn _____, Driller A. O. Vowell _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	335	335	Red Rock
335	380	45	Anhydrite and Red Rock
380	510	130	Anhydrite
510	555	45	Red Rock
555	595	40	Anhydrite Run 10" Surface Casing
595	635	40	Anhydrite
635	750	115	Salt
750	805	55	Salt and Anhydrite
805	1145	340	Salt
1145	1295	150	Anhydrite and Salt
1295	1335	40	Salt
1335	1530	195	Anhydrite
1530	1560	30	Red Rock
1560	1590	30	Red Rock and Anhydrite
1590	2365	775	Anhydrite
2365	2370	5	Sand
2370	2390	20	Red Sand
2390	2435	45	Anhydrite
2435	2455	20	Lime
2455	2755	300	Anhydrite
2755	2785	30	Lime
2785	2895	110	Gray Lime
2895	2905	10	Lime
2905	2915	10	Gray Lime
2915	3048	133	Lime - Small show of gas
3048	3052	4	Oil Sand show of oil

FORMATION RECORD—Continued

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ГГРГ 0 1 ЯДМ

LOG OF OIL OR GAS WELL

LOCATE WELL-BORE LOG

[illegible]

27MOS 80 20WAS 2AS 30 JIO

2001-2002

[illegible]

INFORMATION AFTER SEARCH

CHOCSEY BUREAU

[illegible]

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, as left in the well, give its size and location. If the well has been abandoned, 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

U. S. GOVERNMENT PRINTING OFFICE 6-6745

[illegible]

ENTOLITE

[illegible]

CRIMINATION RECORD

FROM	TO	TOTAL FEET	CONCRETE
3000	2950	50	50
3002	2900	10	10
3062	2850	10	10
3079	2800	10	10
3079	2750	10	10
3079	2700	10	10
3062	2650	10	10
3079	2600	10	10
3062	2550	10	10
3079	2500	10	10
3062	2450	10	10
3079	2400	10	10
3062	2350	10	10
3079	2300	10	10
3062	2250	10	10
3079	2200	10	10
3062	2150	10	10
3079	2100	10	10
3062	2050	10	10
3079	2000	10	10
3062	1950	10	10
3079	1900	10	10
3062	1850	10	10
3079	1800	10	10
3062	1750	10	10
3079	1700	10	10
3062	1650	10	10
3079	1600	10	10
3062	1550	10	10
3079	1500	10	10
3062	1450	10	10
3079	1400	10	10
3062	1350	10	10
3079	1300	10	10
3062	1250	10	10
3079	1200	10	10
3062	1150	10	10
3079	1100	10	10
3062	1050	10	10
3079	1000	10	10
3062	950	10	10
3079	900	10	10
3062	850	10	10
3079	800	10	10
3062	750	10	10
3079	700	10	10
3062	650	10	10
3079	600	10	10
3062	550	10	10
3079	500	10	10
3062	450	10	10
3079	400	10	10
3062	350	10	10
3079	300	10	10
3062	250	10	10
3079	200	10	10
3062	150	10	10
3079	100	10	10
3062	50	10	10
3079	0	10	10

FORMATION RECORD—Continued

04E1

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