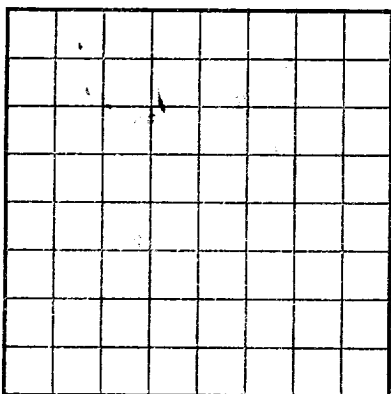


Form 9-330



LOCATE WELL CORRECTLY

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Bruton Development Co. Address Rincon, New Mexico
Lessor or Tract Bruton Development Co. Field Wildcat State New Mexico
Well No. 21 Sec. 21 T. 16S R. 2E Meridian N.M.P.M. County Socorro
Location 1655 ft. [S.] of Line and 2385 ft. [E.] of sec Line of sec. 21 Elevation (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 _____

Date _____ Title _____

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

Commenced drilling Jan. 22, 1955 Finished drilling August 5, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
8-1/8-14 1/2	74.10			1000	Regular	1000			Water test
7-1/8-14 1/2	74.10			1000	Regular	1000			
6-1/8-14 1/2	74.10			1000	Regular	1000			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-1/8	1415	80	Halliburton		34 sacks cement

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.

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	1400	1400	Drilled to this depth during 1945 for water well on Bruton ranch. No records kept of formation.
1400	1415	15	Black lime
1415	1425	10	Grey "
1425	1435	10	Brown "
1435	1445	10	Black "
1445	1455	10	Grey "
1455	1465	10	Brown "
1465	1480	15	Lime
1480	1495	15	Hard white sand or gas
1495	1510	15	Sandy lime
1510	1525	15	Sandy dolomite
1525	1535	10	Gray shale
1535	1545	10	Sandy lime
1545	1555	10	Lime
1555	1575	20	Sandy dolomite
1575	1590	15	Anhydrite
1590	1600	10	Lime
1600	1615	15	Sand
1615	1627	12	Sandy lime
1627	1637	10	Lime
1637	1644	7	Dark shale
1644	1652	8	(OVER) Gray "

16—43094-2

FORMATION RECORD--Continued

FROM--	TO--	TOTAL FEET	FORMATION
2092	2107	15	Dolomite
2107	2113	6	Lime
2113	2274	161	Lime & Shale
2274	2301	27	Red Beds & Shale
2301	2361	60	Lime & Shale
2361	2400	39	Red Beds
2400	2451	51	Lime & Shale
2451	2597	46	Grey Lime
2597	2685	88	Lime & Shale
2685	2702	17	Brown Lime
2702	2707	5	Sand (water)
2707	2737	30	Grey Lime
2737	2760	23	Lime & Shale
2760	2766	6	Red Beds
2766	2822	56	Grey Lime
2822	2830	8	Shale & Lime Shells
2830	2839	9	Lime & Shale
2839	2850	11	Shale
2850	2924	74	Grey Shale
2924	2956	32	Lime & Shale
2956	3020	64	Grey Lime
3020	3030	10	Red Beds
3030	3060	30	Grey Lime
3060	3070	10	Lime & Shale
3070	3118	48	Grey Lime
3118	3130	12	Water Sand
3130	3170	40	Lime & Shale
3170	3253	83	Shale
3253	3264	11	Lime
3264	3266	2	Anhydrite
3266	3280	14	Shale
3280	3290	10	Lime & Shale
3290	3306	16	Pink Shale & Sandy Shells
3306	3360	54	Red Shale
3360	3375	15	Red Sand-Water
3375	3390	15	Shale Lime
3390	3410	20	Pink Shale, Lime Shells, Blue Shale
3410	3425	15	Lime
3425	3430	5	Shale
3430	3440	10	Lime
3440	3454	14	Lime & Shale
3454	3462	8	Shale & Shells
3462	3467	5	Lime
3467	3506	39	Lime & Shale

HISTORY OF OIL OR GAS WELL

16-43004-1

U. S. GOVERNMENT PRINTING OFFICE

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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.