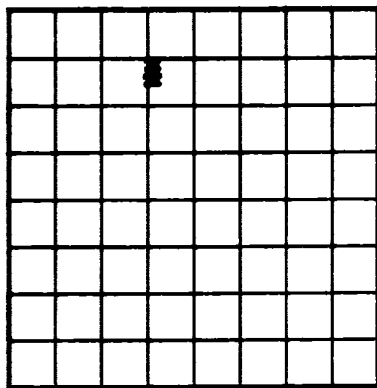


U. S. LAND OFFICE Las Cruces
 SERIAL NUMBER 068697-B
 LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Johnny Cookburn Address Box 115, Artesia, New Mexico
 Lessor or Tract Pearl Miller Field East Maljamar State New Mexico
 Well No. 19-3 Sec. 30 T. 17S R. 33E Meridian NMP County Lee
 Location 800 ft. N of Line and 1000 ft. E of Line of Section 30 Elevation 4050
 (Derrick floor relative to well head)

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 R. B. NeareDate January 13, 1944 Title Authorized Agent

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

Commenced drilling October 19, 1943 Finished drilling December 30, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3955 to 3964 G No. 4, from 4276 to 4300
 No. 2, from 4065 to 4072 G No. 5, from _____ to _____
 No. 3, from 4266 to 4276 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" 40	11.5	10	Halliburton	100 sacks cement	Halliburton				Surface water shut-off
7" 30	11.5	10	Halliburton	180 sacks cement	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	1155'	100 sacks cement	Halliburton		
7"	3954'	180 sacks cement	Halliburton		Circulated with heavy mud back to surface.

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
5-30	#10	Nitro-glycerin	300 lbs.	1/2/44	4223' to 4300'	To bottom

TOOLS USED

Rotary tools were used from 0' feet to 3954 feet, and from _____ feet to _____ feet
 Cable tools were used from 3954 feet to 4315 feet, and from _____ feet to _____ feet

DATES

January 13, 1944 Put to producing January 1, 1944

The production after 24 hours was 10 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

Ed. Richardson, Driller R. A. Thomas, Driller
H. L. Pinares, Driller M. P. Willis, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
4315	4300	15	GLASS (8" H" LBS TO 4300) (100 lbs off in page)
4300	4280	20	Red bed
4280	4260	20	Red bed
4260	4240	20	Red bed
4240	4220	20	Red bed
4220	4200	20	Red bed
4200	4180	20	Red bed
4180	4160	20	Red bed
4160	4140	20	Red bed
4140	4120	20	Red bed
4120	4100	20	Red bed
4100	4080	20	Red bed
4080	4060	20	Red bed
4060	4040	20	Red bed
4040	4020	20	Red bed
4020	4000	20	Red bed
4000	3980	20	Red bed
3980	3960	20	Red bed
3960	3940	20	Red bed
3940	3920	20	Red bed
3920	3900	20	Red bed
3900	3880	20	Red bed
3880	3860	20	Red bed
3860	3840	20	Red bed
3840	3820	20	Red bed
3820	3800	20	Red bed
3800	3780	20	Red bed
3780	3760	20	Red bed
3760	3740	20	Red bed
3740	3720	20	Red bed
3720	3700	20	Red bed
3700	3680	20	Red bed
3680	3660	20	Red bed
3660	3640	20	Red bed
3640	3620	20	Red bed
3620	3600	20	Red bed
3600	3580	20	Red bed
3580	3560	20	Red bed
3560	3540	20	Red bed
3540	3520	20	Red bed
3520	3500	20	Red bed
3500	3480	20	Red bed
3480	3460	20	Red bed
3460	3440	20	Red bed
3440	3420	20	Red bed
3420	3400	20	Red bed
3400	3380	20	Red bed
3380	3360	20	Red bed
3360	3340	20	Red bed
3340	3320	20	Red bed
3320	3300	20	Red bed
3300	3280	20	Red bed
3280	3260	20	Red bed
3260	3240	20	Red bed
3240	3220	20	Red bed
3220	3200	20	Red bed
3200	3180	20	Red bed
3180	3160	20	Red bed
3160	3140	20	Red bed
3140	3120	20	Red bed
3120	3100	20	Red bed
3100	3080	20	Red bed
3080	3060	20	Red bed
3060	3040	20	Red bed
3040	3020	20	Red bed
3020	3000	20	Red bed
3000	2980	20	Red bed
2980	2960	20	Red bed
2960	2940	20	Red bed
2940	2920	20	Red bed
2920	2900	20	Red bed
2900	2880	20	Red bed
2880	2860	20	Red bed
2860	2840	20	Red bed
2840	2820	20	Red bed
2820	2800	20	Red bed
2800	2780	20	Red bed
2780	2760	20	Red bed
2760	2740	20	Red bed
2740	2720	20	Red bed
2720	2700	20	Red bed
2700	2680	20	Red bed
2680	2660	20	Red bed
2660	2640	20	Red bed
2640	2620	20	Red bed
2620	2600	20	Red bed
2600	2580	20	Red bed
2580	2560	20	Red bed
2560	2540	20	Red bed
2540	2520	20	Red bed
2520	2500	20	Red bed
2500	2480	20	Red bed
2480	2460	20	Red bed
2460	2440	20	Red bed
2440	2420	20	Red bed
2420	2400	20	Red bed
2400	2380	20	Red bed
2380	2360	20	Red bed
2360	2340	20	Red bed
2340	2320	20	Red bed
2320	2300	20	Red bed
2300	2280	20	Red bed
2280	2260	20	Red bed
2260	2240	20	Red bed
2240	2220	20	Red bed
2220	2200	20	Red bed
2200	2180	20	Red bed
2180	2160	20	Red bed
2160	2140	20	Red bed
2140	2120	20	Red bed
2120	2100	20	Red bed
2100	2080	20	Red bed
2080	2060	20	Red bed
2060	2040	20	Red bed
2040	2020	20	Red bed
2020	2000	20	Red bed
2000	1980	20	Red bed
1980	1960	20	Red bed
1960	1940	20	Red bed
1940	1920	20	Red bed
1920	1900	20	Red bed
1900	1880	20	Red bed
1880	1860	20	Red bed
1860	1840	20	Red bed
1840	1820	20	Red bed
1820	1800	20	Red bed
1800	1780	20	Red bed
1780	1760	20	Red bed
1760	1740	20	Red bed
1740	1720	20	Red bed
1720	1700	20	Red bed
1700	1680	20	Red bed
1680	1660	20	Red bed
1660	1640	20	Red bed
1640	1620	20	Red bed
1620	1600	20	Red bed
1600	1580	20	Red bed
1580	1560	20	Red bed
1560	1540	20	Red bed
1540	1520	20	Red bed
1520	1500	20	Red bed
1500	1480	20	Red bed
1480	1460	20	Red bed
1460	1440	20	Red bed
1440	1420	20	Red bed
1420	1400	20	Red bed
1400	1380	20	Red bed
1380	1360	20	Red bed
1360	1340	20	Red bed
1340	1320	20	Red bed
1320	1300	20	Red bed
1300	1280	20	Red bed
1280	1260	20	Red bed
1260	1240	20	Red bed
1240	1220	20	Red bed
1220	1200	20	Red bed
1200	1180	20	Red bed
1180	1160	20	Red bed
1160	1140	20	Red bed
1140	1120	20	Red bed
1120	1100	20	Red bed
1100	1080	20	Red bed
1080	1060	20	Red bed
1060	1040	20	Red bed
1040	1020	20	Red bed
1020	1000	20	Red bed
1000	980	20	Red bed
980	960	20	Red bed
960	940	20	Red bed
940	920	20	Red bed
920	900	20	Red bed
900	880	20	Red bed
880	860	20	Red bed
860	840	20	Red bed
840	820	20	Red bed
820	800	20	Red bed
800	780	20	Red bed
780	760	20	Red bed
760	740	20	Red bed
740	720	20	Red bed
720	700	20	Red bed
700	680	20	Red bed
680	660	20	Red bed
660	640	20	Red bed
640	620	20	Red bed
620	600	20	Red bed
600	580	20	Red bed
580	560	20	Red bed
560	540	20	Red bed
540	520	20	Red bed
520	500	20	Red bed
500	480	20	Red bed
480	460	20	Red bed
460	440	20	Red bed
440	420	20	Red bed
420	400	20	Red bed
400	380	20	Red bed
380	360	20	Red bed
360	340	20	Red bed
340	320	20	Red bed
320	300	20	Red bed
300	280	20	Red bed
280	260	20	Red bed
260	240	20	Red bed
240	220	20	Red bed
220	200	20	Red bed
200	180	20	Red bed
180	160	20	Red bed
160	140	20	Red bed
140	120	20	Red bed
120	100	20	Red bed
100	80	20	Red bed
80	60	20	Red bed
60	40	20	Red bed
40	20	20	Red bed
20	0	20	Red bed

(OVER)

FORMATION RECORD—Continued

