Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

DUPLICATE

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062004
LEASE OR PERMIT TO PROSPECT

RECEIVED JUL 20 1951 OIL CONSERVATION COMMISSION HOBBS-OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Barney Cockburn Address Box 115, Artesia, N M

Lessor or Tract Ohio-Jones Field East Maljamar State N. M.

Well No. 2 Sec. 30 T. 17S R. 33E Meridian NMPM County Lea

Location 1980 ft. {N. / S.} of N Line and 1980 ft. {E. / W.} of E Line of Sec. 30 Elevation 4066'
(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 /s/ Hugh E. Moore

Date Oct. 26, 1944 Title Authorized agent

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

Commenced drilling June 7, 1944, 19 Finished drilling Oct. 11, 1944, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4000' to 4005' No. 4, from 4145' to 4150'

No. 2, from 4038' to 4045' No. 5, from 4270' to 4285'

No. 3, from 4080' to 4089' 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 From—	Perforated To—	Purpose
8"	32#	8"	Nat'l	1175	Texas Pattern				Surface water shut-off
7"	20#	8"	Nat'l	3937'	Float and Guide Shoe - Baker				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	1175'	50 sacks			
7"	3937'	100 sacks	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
3½"	33 shells	Nitro glycerin	500 qts.	10/6/44	4285 to 4027	Cleaned out to bottom

TOOLS USED

Rotary tools were used from 0 feet to 1175 feet, and from feet to feet

Cable tools were used from 1175 feet to 4285 feet, and from feet to feet

DATES

Plugged back from 4303 to 4285

Oct. 26, 1944, 19 Put to producing Oct. 15, 1944, 19

The production for the first 24 hours was 24 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

C. F. Bowers, Driller Burch Spencer, Driller

A. E. Lycette, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1100		red bed
1100	1175		anhy - set 8" surface casing
1175	1305		anhy
1305	1320		anhy and salt
1320	1350		red rock
1350	1530		red rock and salt
1530	1765		salt
1765	1815		salt and mud
1815	1865		salt and red rock
1865	2165		salt
2165	2210		salt and red rock
2210	2340		salt
2340	2380		anhy and mud
2380	2425		broken anhy.
2425	2455		anhy and red mud
2455	2535		anhy.
2535	2575		anhy and mud
2575	2600		mud, anhy. and salt
2600	2630		broken anhy.
2630	2655		anhy. and red rock
2655	2690		anhy. and red mud
2690	2725		broken anhy.
2725	2765		anhy. (mucky)
2765	2790		anhy. and mud
2790	2825		anhy -broken

(OVER)

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2825	2850		anhy
2850	2870		anhy and mud
2870	2880		broken anhy
2880	3270		anhy
3270	3295		anhy and brown lime
3295	3415		anhy
3415	3430		lime and anhy
3430	3450		anhy
3450	3465		anhy and mud
3465	3585		anhy
3585	3595		lime
3595	3608		anhy and lime
3608	3650		anhy
3650	3670		anyh and lime
3670	3720		anhy
3720	3735		broken anhy
3735	3755		anhy
3755	3760		lime
3760	3795		lime and anhy
3795	3815		anhy
3815	3855		lime
3855	3870		lime and anhy
3870	3875		lime
3875	3900		lime and bentirite
3900	3965		lime
3965	3980		sandy lime
3980	4080		lime (oil show at 4000 and 4005)
4080	4089		sandy lime (oil show)
4089	4145		lime
4145	4160		sandy lime
4160	4303		lime (more oil show)

Plugged back to 4285' T.D.

Plugged well back from 4303 to 4285 using 30 sacks of lead wool (660#) together with two sacks of cement.

HISTORY OF OIL OR GAS WELL

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.