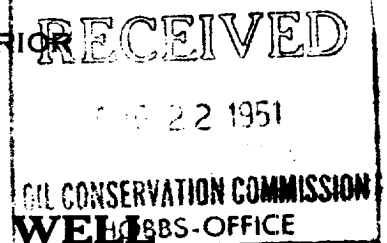


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028731 B
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Barnsdall Oil Company Address Box 472, Odessa, Texas
Lessor or Tract Mary Dodd Lease Field Artesia State New Mexico
Well No. 2E Sec. 14 T. 17 R. 22E Meridian N.M.P. County Eddy
Location 1980 ft. {N.} of E Line and 660 ft. {E.} of E Line of Sec. 14 Elevation 3630
(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 June 27, 1940

Title

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

Commenced drilling May 15, 1940 Finished drilling June 23, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2475 to 2525 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—	
10 3/4"	47.1	100	Halliburton	8000					
7"	22.8	100	"	10000#					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	Pulled out	None	Set		None
7"	471' 1"	100	Halliburton		8000
	228' 10"	100	"		10000#

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
4"	Bakelite	O. B.	140 ct.	6-20-40	2471-2525	54'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2525 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was 165 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 25.9

If gas well, cu. ft. per 24 hours _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. L. Perry, Driller W. B. Lee, Driller
L. L. Vincent, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Gypsum
15	35	29	Caliche
35	205	170	Red sandy shale
205	245	40	Water sand
245	250	5	Red rock
250	250	0	Red shale
250	256	6	Red shale
256	270	16	Gypsum
270	272	2	Red rock
272	290	18	Red rock
290	317	27	Gypsum
317	325	8	Gypsum
325	390	65	Snad
390	430	40	Gypsum & red rock
430	438	8	Red shale
438	450	12	Gypsum
450	845	395	Red shale
845	925	80	Salt
925	932	7	Anhydrite
932	1025	93	Salt
1025	1030	5	Anhydrite
1030	1043	13	Red rock
1043	1065	22	Anhydrite
1065	1130	65	Red shale
1130	1142	12	Anhydrite & red rock
1142	1150	8	Red shale
1150	1150	0	Red shale
1150	1150	0	Anhydrite
1150	1150	0	Anhydrite & red shale

(OVER)

FORMATION RECORD—CONTINUED

16-43094-1

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1195	1202	8	Anhydrite & blue shale
1202	1212	10	Line
1212	1242	30	Anhydrite
1242	1245	3	Red shale
1245	1305	60	Anhydrite & red shale
1305	1330	25	Anhydrite
1330	1365	35	Anhydrite & lime
1365	1370	5	Anhydrite
1370	1395	25	Line show oil 1370-75
1395	1480	85	Line & anhydrite
1480	1510	30	Anhydrite
1510	1545	35	Line show gas 1515
1545	1655	120	Line & anhydrite
1655	1675	20	Red shale & fossils
1675	1695	20	Anhydrite
1695	1760	65	Anhydrite & red shale
1760	1855	95	Anhydrite
1855	1900	45	Line
1900	1915	25	Red sand show oil 1915
1925	1945	20	Anhydrite
1945	1957	12	Line
1957	1967	10	Anhydrite
1967	2000	33	Line
2000	2055	55	Anhydrite
2055	2075	20	Line & Anhydrite
2075	2105	30	Anhydrite & red shale
2105	2135	30	FORMATION RECORD
2135	2190	55	"
2190	2225	35	Anhydrite & red sand
2225	2244	19	Anhydrite & red shale
2244	2258	14	EWING
2258	2300	42	Red sand & shale
2300	2383	83	Line
2383	2391	8	Red sand
2391	2400	9	Line Top of gravel
The production for the first 34 hours was			bottom of third of which was oil
Due to production			
DYES			
Casing rods were used from			100 feet to 100 feet and from 100 feet to 100 feet
Rodless rods were used from			100 feet to 100 feet and from 100 feet to 100 feet
TOOLS USED			
Size	Tool used	Expenditure used	Cost of tool
SHOOTING RECORD			
Location	Direction	Depth	Depth of shot
PLUGS AND ADAPTERS			
Location	Direction	Depth	Depth of plug
MUDGING AND CEMENTING RECORD			
Location	Direction	Depth	Depth of mud

HISTORY OF OIL OR GAS WELL

16-43094-1

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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.

CAVITY RECORD

2000	2000	2000	2000	2000	2000
2000	2000	2000	2000	2000	2000

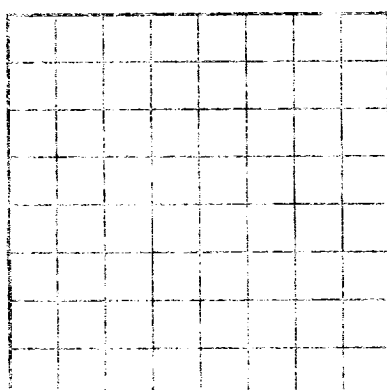
WATER AND WATER SANDS

2000	2000	2000	2000	2000	2000
2000	2000	2000	2000	2000	2000

OIL OR GAS SANDS OR WATERS

2000	2000	2000	2000	2000	2000
2000	2000	2000	2000	2000	2000

LOCATION OF WELL CORRECTLY



LOC OF OIL OR GAS

WELLER OFFICE
OF CONSERVATION COMMISSION

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

RECEIVED

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