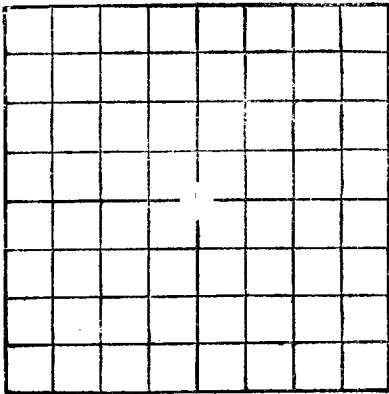
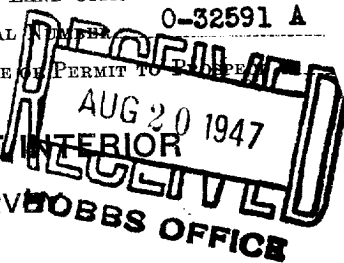




U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **0-32591 A**
LEASE OR PERMIT TO EXPLORER

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS OFFICE



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Barnsdall Oil Company Address Box J, Hobbs, New Mexico
Lessor or Tract Edna Elliott Permit Field Drinkard State New Mexico
Well No. A-1 Sec. 21 T. 21SR. 37E Meridian _____ County Lea
Location 660 ft. N of N Line and 660 ft. E of E Line of Sec. 21-21S-37E Elevation 3441'
(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 _____ Title District Superintendent
Date August 9, 1947

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

Commenced drilling 6-25-47, 19____ Finished drilling 8-4-47, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 6580' to 6630' 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	
13 3/8	35#	8	Naylor	318	Naylor				
9 5/8	36-40#	8	Nat.&J.L.	2848	Baker				
7	23-26#	8	J & L	6625	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	318	300	Haliburton		
9 5/8	2848	1000	Haliburton		
7	6625	500	Haliburton		

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 0 feet to T.D feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing August 7, 1947

The production for the first 24 hours was 200 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 40.1

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. W. Wilson, Driller Joe Rhodes, Driller
H. V. Creel, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	90	90	San, Caliche & Redbed
90	157	67	Redbed
157	290	133	Redbed
290	330	40	Broken Lime
330	365	35	Redbed
365	1180	815	Redbed
1180	1490	310	Redbed and sand
1490	1612	122	Gypsum and salt
1612	1828	216	Potash, Anhydrite and salt
1828	2005	177	Salt and Anhydrite
2005	2146	141	Gypsum and salt
2146	2390	244	Salt, sand and anhydrite
2390	2465	75	Anhydrite
2465	2534	69	Lime and redbed
2534	2591	57	Lime
2591	2636	45	Lime and anhydrite
2636	2686	50	Gypsum and lime
2686	2783	97	Anhydrite and lime
2783	2850	67	Gypsum and lime
2850	4071	1221	Lime
4071	4225	154	Lime
4225	4356	131	Lime
4356	4436	80	Sandy Lime
4436	4890	454	Lime
4890	4954	64	Lime and gypsum
4954	6281	1327	Lime
6281	6630 T. D.	349	Lime

