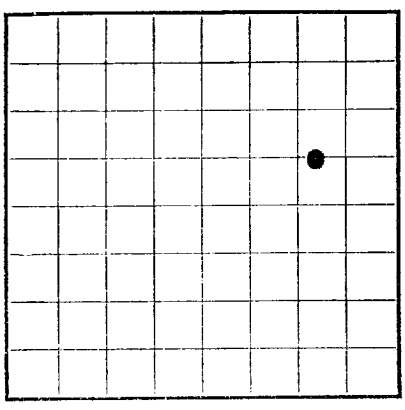
COPY TO U.S.G.S.

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

HOBBS

U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC 062269-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

1962 AUG 20 AM 9 51

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Charles B. Read Address Box 1822

Lessor or Tract Bradley Field Double X State New Mexico

Well No. 2 Sec. 22 T. 24S R. 32E Meridian N. M. P. M. County Lea

Location 1980 ft. {N./S.} of N. Line and 990 ft. {E./W.} of E. Line of Section 22 Elevation 3603.6'
(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 C. Ruben Read

Date August 21, 1962 Title Operator

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

Commenced drilling July 25, 1962 Finished drilling August 18, 1962

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4906 to 4920 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 From—	Perforated To—	Purpose
8 5/8	24#	-	J-55	330'	Hal.	-	-	-	Surface
4 1/2	9.5#	-	J-55	4976'	Hal.	-	4912	4918	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	330'	150	plug & pump	-	-
4 1/2	4976'	100	pump & plug	-	-

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 4976' 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 18, 1962

The production for the first 24 hours was 122 barrels of fluid of which 35% was oil; ____% emulsion; 65% water; and ____% sediment. Gravity, °Bé. 30

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Danforth Drilling Co., Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	346	346	Sand, caliche and red beds
346	1000	654	Red beds
1000	1237	237	Red beds and sand
1237	3353	2116	Anhydrite and Salt
3353	4246	893	Anhydrite
4246	4538	292	Anhydrite and Salt
4538	4625	87	Salt
4625	4867	242	Anhydrite
4867	4907	40	Lime
4907	4920	13	Sand
4920	4976	56	Sand and Shale

TOPS:
Elevation: 3594.6' GL
KB 3605'
Base Salt 4628'
Lamar 4867'
Ramsey 4907'

FOLD | MARK

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Core No. 1 4894-4946', Core No. 2 4946'-4976'
Well perforated 4912-18'
Acidized with 750 Gals. MCA Acid, Frac with sand frac treatment 4000 Gals. lease crude, 6000# 20-40 Sand followed by Sand-Frac treatment 600 Gals. lease crude, 600# 8-12 Sand.

Potential based on swab tests.