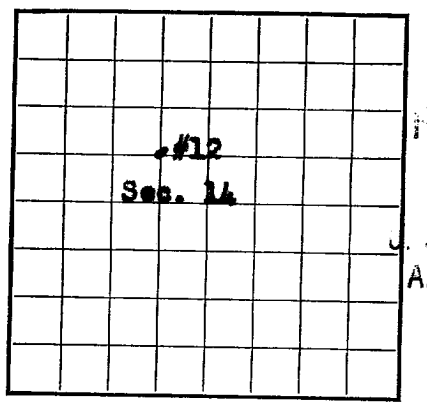
N. M. O. C. C. COPY

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029418-b
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
OCT 6 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address P. O. Box 38 - Hobbs, New Mexico

Lessor or Tract Lea "B" Field Grayburg Jackson State New Mexico

Well No. 12 Sec. 14 T. 17S R. 31E Meridian N.M.P.M. County Eddy

Location 1980 ft. [N./S.] of N Line and 1980 ft. [E./W.] of W Line of section 14 Elevation 3913'
(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 (ORIGINAL SIGNED) H. E. Aab

Date October 3, 1961 Title Dist. Supt.

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

Commenced drilling July 25, 1961 Finished drilling August 23, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3340' to 3531' No. 4, from 3694' to 3704'

No. 2, from 3548' to 3582' No. 5, from ____ to ____

No. 3, from 3606' to 3626' 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#	8-R	[illegible]	[illegible]	[illegible]	—			[illegible]
5-1/2"	15.5#	8-R	[illegible]	[illegible]	[illegible]	—	3694	3704	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	821'	100	Pump & Plug	—	—
5-1/2"	3728'	385	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
Treated through 5-1/2" OD casing perfs. 3694-3704' with 1549 bbls. lease oil, 60,000# 20/40 sand and 500 gals. 15% acid.						

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

Cable tools were used from Surface feet to 3728 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing September 9, 1961

The production for the first 24 hours was 41 barrels of fluid of which 99.9% was oil; ____% emulsion; ____% water; and .1% 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

Kidd, Driller Register, Driller

Rinehart, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	564	564	Sand & red beds
564	753	189	Anhydrite
753	1734	981	Salt
1734	1900	166	Anhydrite
1900	2232	332	Sand & anhydrite
2232	2850	618	Dolomite, anhydrite & sand
2850	3029	179	Sand & anhydrite
3029	3250	221	Sand
3250	3548	298	Dolomite & sand
3548	3590	42	Sand
3590	3728	138	Dolomite
	3728		Total Depth
	3721		Plugged Back Total Depth

GEOLOGICAL TOPS BY McCULLOUGH GAMMA RAY DENSITY LOG:

Top Anhydrite	564'
Top Salt	753'
Base Salt	1734'
Top Yated	1900'
Top Seven Rivers	2232'
Top Penrose	3029'
Top Grayburg	3250'
Top Premier	3548'
Top San Andres	3590'

(OVER)

16—43094-4

FOLD | MARK

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.