

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029418 (a)
LEASE OR PERMIT TO PROSPECT _____

A 10x10 grid with a point labeled #12 at the intersection of the 2nd column and 6th row from the top-left. The text "Sec. 14" is written in the 4th column and 5th row.

RECEIVED
OCT 23 1961
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
S. C. GEORGE
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico
 Lessor or Tract Lea "A" 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.) of S Line and 660 ft. (E.) of W Line of section 14 Elevation 3697 DF
 (5) (11) (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.

Date October 19, 1961 Title Dist. Supt.

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

Commenced drilling ----- **August 30** -----, 19 **61** Finished drilling ----- **September 29** -----, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2254' to 2430' No. 4, from 3549' to 3814'
 No. 2, from 3319' to 3467' No. 5, from _____ to _____
 No. 3, from 3471' to 3478' 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—	
8-9/8"	20.6	8-7	J-35	763'	Floater				Surface
5-1/2"	15.64	8-8	J-35	3838'	Floater		3535'-	3760'-(intervals)	Oil stringing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	772'	100	Pump & Plug	-	---
5-1/2"	3844'	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 perfs. 3680-3760' (intervals) with 505 bbls. lease oil, 5200# 20/40 sand and 1500 gals. 15% Reg. Acid. Treated through perfs. 3555-3596' (intervals) and 3680-3760' (intervals) with 1080 bbls. lease oil, 60,000# 20/40 sand and 1500 gals.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3844 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing October 10____, 1961

The production for the first 24 hours was 135 barrels of fluid of which 99.9 % was oil; ----- % emulsion; ----- % water; and 1 % sediment. Gravity, °Bé. 37.00

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	498	498	Sand & red beds
498	692	194	Anhydrite
692	1678	986	Salt
1678	1852	174	Anhydrite
1852	2188	336	Sand & anhydrite
2188	2805	617	Dolomite, anhydrite & sand
2805	2985	180	Sand & anhydrite
2985	3194	209	Sand
3194	3471	277	Dolomite & sand
3471	3546	75	Sand
3546	3844	298	Dolomite
	3844 Total Depth		
	3829 Plug Back Total Depth		

GEOLOGICAL TOPS BY WELEX RADIOACTIVITY LOG:

Top Anhydrite	498'
Top Salt	692'
Base Salt	1678'
Top Yates	1852'
Top Seven Rivers	2188'
Top Queen	2805'
Top Penrose	2985'
Top Grayburg	3194'
Top Premier	3471'
Top San Andres	3546'

