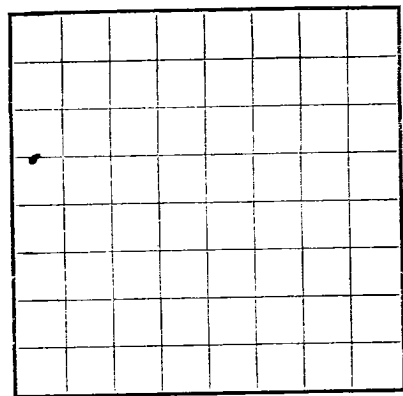


Form 9-330

HOBBS

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 03012 (b)
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Co. Address Box 97, Hobbs, New Mexico
Lessor or Tract Closson "B" Field Jalmat (Oil) State New Mexico
Well No. 15 Sec. 19 T. 22S R. 36E Meridian NMPM County Lea
Location 1980 ft. N. of N. Line and 330 ft. E. of W. Line of 19-22S-36E Elevation 3573 (DF)
(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 February 11, 1960 Title District Supt.

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

Commenced drilling Jan. 18, 19 60 Finished drilling January 28, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3718' to 3806' 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—	
8 5/8	24			1624.71	Plug				
5 1/2				3810.44	Plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1624.71	850	Plug		
5 1/2	3810.44	600	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
This well was not shot						

TOOLS USED

Rotary tools were used from 0 feet to 3815 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 11, 19 60 Put to producing February 10, 19 60

The production for the first 24 hours was 147 barrels of fluid of which 97.96 % was oil; 0 %
emulsion 2.04 % water; and 0 % sediment. Gravity, °Bé. 37.5 + 60°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. P. Mason, Driller B. G. Speed, Driller
J. D. Mellings, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	245'	245'	Surface soil, rock, red bed
245'	1625'	1380'	Anhydrite, shale
1625'	1780'	155'	Anhydrite, dolomite
1780'	3105'	1325'	Anhydrite, salt
3105'	3370'	265'	Anhydrite, salt, gyp.
3370'	3689'	319'	Anhydrite, gyp
3689'	3725'	36'	Anhydrite, gyp, lime
3725'	3815'	90'	Lime, gyp
			3815' = TD
			3807' = PBTD
			Formation Tops
			Anhydrite 1585'
			Base salt 3393'
			Yates 3552'

FORMATION RECORD—CONTINUED

3. *Chrysomelidae*

FORTS ! MUSIC

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible][illegible][illegible]

$\frac{1}{2} \times 10^{-6}$	$\frac{1}{2} \times 10^{-6}$
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$\frac{1}{2} \times 10^{-6}$	$\frac{1}{2} \times 10^{-6}$

[illegible]

THE UNIVERSITY OF CHICAGO PRESS

TO: THE CHIEF OF POLICE, NEW YORK CITY

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY THE FOLLOWING:

RECEIVED BY THE DIRECTOR, FBI, MAY 19 1964

100-443887-1000

FOC OF OIF OR CYS MEET

[illegible]

DEPARTMENT OF THE INTERIOR

CHILD TABLES

41-55

OFFICE OF LEGAL ATTACHMENT

21 NOV 1964

1997-1998

$$(\nabla^2 - \Delta) u = f(x), \quad x \in \Omega, \quad u|_{\partial\Omega} = g(x).$$