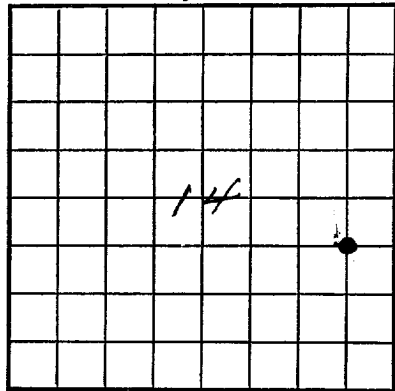


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 647633 A
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 28 1958
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Bob Johnson Address P. O. Box 577 Artesia, New Mexico
Lessor or Tract Buehringen Field North Hugart State New Mexico
Well No. 7 Sec. 14 T. 18S R. 31E Meridian NMPM County Eddy
Location 950 ft. $\left\{ \begin{smallmatrix} N \\ E \end{smallmatrix} \right\}$ of S Line and 660 ft. $\left\{ \begin{smallmatrix} W \\ E \end{smallmatrix} \right\}$ of E Line of Section 14 Elevation 3723
(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 Bob Johnson

Date July 25, 1958

Title Owner

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

Commenced drilling April 19, 1958 Finished drilling June 8, 1958

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

No. 1, from 2570 to 2580 No. 4, from 3725 to 3750
No. 2, from 3068 to 3080 No. 5, from _____ to _____
No. 3, from 3483 to 3510 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 415 to 425 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-	
<u>5/8</u>	<u>24</u>			<u>950'</u>	<u>Texas Pattern</u>				
<u>7</u>	<u>20</u>			<u>3790'</u>	<u>Flout Guide</u>		<u>3724</u>	<u>3734</u>	
					<u>Permanent Plug set at 3690'</u>		<u>3737</u>	<u>3743</u>	
							<u>3483</u>	<u>3489</u>	
							<u>3494</u>	<u>3510</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5/8</u>	<u>950'</u>	<u>50</u>	<u>Denton Oil Well Cementing Co.</u>		<u>None</u>
<u>7</u>	<u>3790'</u>	<u>100</u>	<u>Denton Oil Well Cementing Co.</u>		<u>None</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set 3690'
Adapters—Material _____ Size Land Wells Permanent Plug 7" 4' Long

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Sand Frac</u>	<u>3724 - 3743</u>	<u>25,000' sand</u>	<u>950 bls. oil</u>	<u>250 gallons breakdown acid</u>		
<u>Sand Frac</u>	<u>3483 - 3510</u>	<u>38,000' sand</u>	<u>900 bls. oil</u>			

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3790 feet, and from _____ feet to _____ feet

Frac Load Oil recovered _____

DATES

July 25, 1958

Put to producing July 25, 1958

The production for the first 24 hours was 100 barrels of fluid of which 100% was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

F. B. Marshall, Driller J. R. varts, Driller
L. D. Standifer, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	49	49	Red Sand
49	90	41	Shale and Gravel
90	95	5	Red Sandy Shale
95	110	15	Sticky Shale
110	150	40	Sand
150	230	80	Sandy Red Shale
230	290	60	Sand
290	415	125	Red Shale
415	425	10	Water Sand
425	780	355	Shale
780	815	35	Anhydrite
815	834	19	Salt
834	912	78	Anhydrite
912	931	19	Salt
931	950	19	Anhydrite
950	960	30	Anhydrite
960	1810	830	Salt
1810	1821	11	Anhydrite
1821	1910	89	Salt
1910	1930	20	Anhydrite
1930	2107	177	Salt
2107	2210	93	Anhydrite
2210	2235	25	Anhydrite and Lime
2235	2258	23	Lime
2258	2260	2	Anhydrite

FOLD MARK

