



LOCATE WELL CORRECTLY

OFFICIAL USE ONLY

U. S. LAND OFFICE

SERIAL NUMBER 054205

LEASE OR PERMIT TO PROSPECT
LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
SEP 29 1964
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company WILLIAM HUDSON, OPERATOR Address Drawer T, Artesia, N.M.
Lessor or Tract PICHER #5 Field EMPIRE State NEW MEXICO
Picher Well No. #5 Sec. 8 T. 18-S R. 27-E Meridian N.M.P.M. County Eddy
Location 990 ft. S. of N. Line and 2310 ft. W. of E. Line of Sec. 8 Elevation 3400
(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 September 21, 1964Signed Hudson Title _____

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

Commenced drilling 10/14/62, 19____ Finished drilling 11/19/62, 19____

OIL OR GAS SANDS OR ZONES

No. 1, from 1761 to 1764 No. 4, from 1856 to 1862
No. 2, from 1798 to 1804 No. 5, from 1864 to 1867
No. 3, from 1818 to 1826 No. 6, from 1874 to 1898

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from OCT 9 to 1964

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
						From—	To—	
<u>4-1/2"</u>				<u>2875'</u>	<u>Cemented</u>	<u>100 sks and Fornix</u>	<u>6 1/2 Gal</u>	
<u>2"</u>	<u>Tubing</u>			<u>1813</u>		<u>50 sks 2 1/2 Gal</u>		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	<u>Fracked well</u>	<u>60,000# Sand; 140,000 Gals Water</u>	<u>500 Gals Acid</u>		

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 3005 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May, 1963, 19____

The production for the first 24 hours was 28 barrels of fluid of which 8 Bbls. was oil; _____ %
emulsion; 20 Bbls. water; and _____ % 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

W. M. Clark, Driller D. B. Shira, Driller
H. T. Marshall, Driller Burl Jones, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1170	1185	15	S. Lime
1185	1305	120	Grey Lime
1305	1390	85	Grey Lime - Hard
1390	1420	30	Black Lime
1420	1570	150	Grey Lime
1570	1581		Lime - show of oil 11 - feet
1581	1610	29	Black Lime
1610	1670	60	Sandy Grey Lime
1670	1710	40	Grey Lime
1710	1730	20	Sandy Lime
1730	1810	80	Grey Lime
1810	1820	10	Brown Lime
1820	1880	60	Dark Brown Lime
1880	1914	34	Grey Lime
1914	1925	11	Sandy Lime
1925	2565	640	Hard Grey Lime
2565	2702	137	Sandy Lime
2702	2709	7	Grey Lime - show of oil & water
2709	2800	91	Grey Lime
2800	2852	52	Grey Lime
2852	2854	2	Grey Lime - show of gas
2854	3005 - T.D.	51	Hard Grey Lime

