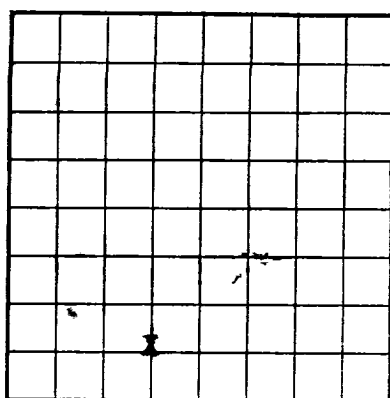


U. S. LAND OFFICE Las Cruces, N.M.SERIAL NUMBER 032650 (a)LEASE OR PERMIT TO PROSPECT _____
A.B. Coates "D"

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Tide Water Associated Oil Co. Address Box 547 - Hobbs, New Mexico
Lessor or Tract A.B. Coates "D" Field Langlie - Mattix State New Mexico
Well No. 1 Sec. 24 T. 25S R. 37E Meridian NMPA County Lea
Location 660 ft. N. of 5 Line and 1980 ft. E. of 4 Line of Sec. 24 Elevation 3076'
(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 H.P. ShackelfordDate July 3, 1952 Title District Foreman

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

Commenced drilling May 29, 1952 Finished drilling June 19, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2960 (G) to 3300' 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 none logged 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—	
<u>9-5/8</u>	<u>40</u>	<u>Slip jt.</u>	<u>-</u>	<u>320'</u>	<u>Tag. Pat.</u>	<u>None pulled</u>			
<u>6-5/8</u>	<u>29</u>	<u>10-V</u>	<u>-</u>	<u>2960'</u>	<u>Baker</u>	<u>None pulled</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>320'</u>	<u>200</u>	<u>Plug</u>	<u>10$\frac{1}{2}$ gal.</u>	<u>--</u>
<u>6-5/8</u>	<u>2960'</u>	<u>3100</u>	<u>Plug, perforate</u>	<u>10$\frac{1}{2}$ gal.</u>	<u>--</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 3300 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 3, 1952 Put to producing Presently shut in, 19____

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

If gas well, cu. ft. per 24 hours 2,830 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 900

EMPLOYEES

O.C. Harris, Driller Lou Whitely, Driller
Arthur Stine, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>75'</u>	<u>75'</u>	<u>surface rocks, caliche</u>
<u>75</u>	<u>783'</u>	<u>708'</u>	<u>Red beds, sand, shells</u>
<u>783</u>	<u>1280'</u>	<u>397'</u>	<u>red bed, salt, anhydrite</u>
<u>1280'</u>	<u>1485'</u>	<u>205'</u>	<u>anhydrite, potash</u>
<u>1485'</u>	<u>2238'</u>	<u>753'</u>	<u>salt, anhydrite</u>
<u>2238'</u>	<u>2442'</u>	<u>204'</u>	<u>anhydrite</u>
<u>2442'</u>	<u>2470'</u>	<u>28'</u>	<u>brown line</u>
<u>2470'</u>	<u>2589'</u>	<u>119'</u>	<u>sand, anhydrite</u>
<u>2589'</u>	<u>2750'</u>	<u>161'</u>	<u>sand, lime</u>
<u>2750'</u>	<u>3300'</u>	<u>450'</u>	<u>lime</u>

(OVER)

