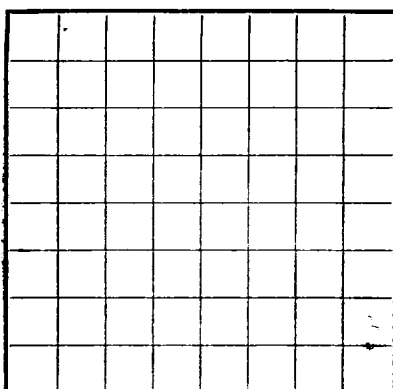




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032650 (b)
LEASE OR PERMIT TO PROSPECT A.B. Coates "C"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 "C" Field Langlie-Mattix State New Mexico
Well No. 3 Sec. 24 T 25S R. 37E Meridian NMPM County Lea
Location 660 ft. ^{N.} of S Line and 330 ft. ^{E.} of E Line of Sec. 24 Elevation 3068 D.F.
(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. Shackelford H.P. ShackelfordDate October 13, 1955 Title Area Superintendent

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

Commenced drilling September 2, 1955, 19..... Finished drilling September 26, 1955, 19.....OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 3351 to 3338 No. 4, from _____ to _____
No. 2, from 3326 to 3318 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None Recorded 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>8-5/8</u>	<u>22.7</u>	<u>8 J.</u>	<u>Armo</u>	<u>400</u>	<u>Tex Pattern</u>	<u>None</u>			<u>Surface</u>
<u>5-1/2</u>	<u>14.0</u>	<u>8 J.</u>	<u>Armo</u>	<u>3468</u>	<u>(lost wire)</u>	<u>None</u>	<u>3351</u>	<u>3338</u>	<u>Production</u>
							<u>3326</u>	<u>3318</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>411</u>	<u>300 Reg.</u>	<u>Halliburton</u>	<u>Natural</u>	<u>-</u>
<u>5-1/2</u>	<u>3380.35</u>	<u>1000 sbs 8% cel</u>	<u>"</u>	<u>10.2</u>	
		<u>250 cu ft Signalite</u>			
		<u>200 sbs neat</u>			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Sandfraced w/10,000 gal of lease crude & 10,000# of sand behind 500 gal. acid</u>						
<u>formation broke @ 2000 psi. Inf. rate of 22 BPM @ 2000 psi on 9-29-55.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3385 feet, and from _____ feet to _____ feet

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

DATES

October 13, 1955, 19..... Put to producing September 30, 1955, 19.....The production for the first 24 hours was 51 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. 12/64" ck. Gravity, °Bf. 40.5 API

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES, R & R Olsen Drlg. Co. - Contractor

O.L. Orbison _____, Driller J.B. Woods _____, Driller
Floyd Eaton _____, Driller J.C. Robinson _____, DrillerFORMATION RECORD A.L. Archer

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>208</u>	<u>208</u>	<u>Surface sand & caliche</u>
<u>208</u>	<u>262</u>	<u>54</u>	<u>Red Bed</u>
<u>262</u>	<u>817</u>	<u>555</u>	<u>Red Bed & Shells</u>
<u>817</u>	<u>872</u>	<u>55</u>	<u>Anhy., red bed</u>
<u>872</u>	<u>1000</u>	<u>128</u>	<u>Red Bed & Shells</u>
<u>1000</u>	<u>1044</u>	<u>44</u>	<u>Red Bed, shells, anhy.</u>
<u>1044</u>	<u>2200</u>	<u>1156</u>	<u>Anhy., salt</u>
<u>2200</u>	<u>2266</u>	<u>66</u>	<u>Anhy.</u>
<u>2266</u>	<u>2320</u>	<u>54</u>	<u>Anhy., gyp</u>
<u>2320</u>	<u>2380</u>	<u>60</u>	<u>Anhy., dolomite</u>
<u>2380</u>	<u>2514</u>	<u>134</u>	<u>Anhy., gyp</u>
<u>2514</u>	<u>2582</u>	<u>68</u>	<u>Anhy., dolomite</u>
<u>2582</u>	<u>2718</u>	<u>136</u>	<u>Anhy., gyp, dolomite</u>
<u>2718</u>	<u>2825</u>	<u>107</u>	<u>Anhy., gyp</u>
<u>2825</u>	<u>2857</u>	<u>32</u>	<u>Anhy., dolomite</u>
<u>2857</u>	<u>2955</u>	<u>98</u>	<u>Lime</u>
<u>2955</u>	<u>3009</u>	<u>54</u>	<u>Dolomite</u>

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3009	3351		Lime
3351	3318		Sand & Lime
3318	3385		Lime
			Deviation Survey
			Depth Degrees
			529 2
			610 2-1/4
			710 1-3/4
			786 2-1/2
			848 2-1/2
			940 2-1/2
			1020 2-1/2
			1070 2-1/2
			1130 2-1/4
			1240 1-3/4
			1424 1-3/4
			1600 1-1/2
			1700 2
			1850 2
			1960 1-3/4
			2082 2
			2150 2
			2231 1-3/4
			2300 1-3/4
			2364 1-1/2
			2470 1
			2583 1
			2800 1
			3285 1
			Geological Tops
			Anhydrite 1017
			Yates 2327
			Queen 3066
			Penrose 3168

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.