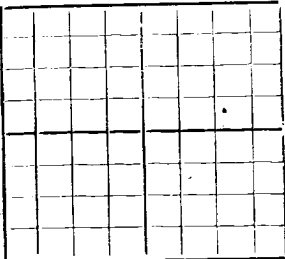


N.



DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Tidal Oil Company Address Hobbs, New Mexico
Send correspondence to P.O. Box 1087 Hobbs, New Mexico Address
Boone Hardin "A" Well No. 2 in NE 1/4 of Sec. 19 T. 18-S
R. 38-E, N. M. P. M., Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is Boone Hardin Address 1st. Nat'l. Bank
The lessee is Tidal Oil Company Address Seminole, Tex.
If not state or patented land, give status _____
Drilling commenced Sept. 23, 1930 Drilling was completed Nov. 3, 1930
Name of drilling contractor Champlin and Bess Inc. Address Holdenville, Okla.
Elevation above sea level at top of casing 3665' feet.
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 3997 to 4060 No. 4, from _____ to _____
No. 2, from 4175 to 4235 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 140 to 185 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12 1/2"</u>	<u>50#</u>	<u>10</u>	<u>A.P.</u>	<u>217' 3"</u>	<u>1.1.</u>				<u>Surface Pipe</u>
			<u>Steel</u>						
<u>9-5/8"</u>	<u>36#</u>	<u>8</u>	<u>Amis</u>	<u>274' 7"</u>	<u>1.1.</u>				<u>Water Shutoff.</u>
			<u>Steel</u>						
<u>7" OD</u>	<u>24#</u>	<u>10</u>	<u>A.P.</u>	<u>396' 1"</u>					<u>Oil String.</u>
<u>3"</u>	<u>5.3#</u>	<u>10</u>	<u>Ext. Up</u>	<u>427' 2"</u>					

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>238'</u>	<u>800</u>	<u>1.1. Toro</u>	<u>10.1</u>	<u>1000 Full</u>
<u>9-5/8"</u>	<u>275'</u>	<u>600</u>	<u>1.1. Toro</u>	<u>10</u>	<u>80</u>
<u>7" OD</u>	<u>394'</u>	<u>300</u>	<u>1.1. Toro</u>	<u>10</u>	<u>80</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 4240' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Nov. 6, 1930
The production of the first 24 hours was 10,594.80 barrels of fluid of which 99.4 % was oil; .6 %
emulsion; _____ % water; and _____ % sediment. Gravity, Be 35 t 60
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYES

Ed. Geruth, Driller _____, Driller
W.D. Ross, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 10 th. Name J.H. Wade
day of November, 1930 Position District Foreman.
Mary Frances Bent Representing TIDAL OIL COMPANY
Notary Public. Company or Operator
My commission expires June 10 1934

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20		Orliche (In Cellar)
20	140		Sand Lime
140	600		Red Bed
600	625		Set 12 1/2" Csg. at 238'
625	710		Sheets with 200 sacks Cement.
710	800		Red Bed
800	861		Red Bed Shale
861	1221		Lime and Shells
1221	1225		Shale and Lime Shells
1225	1260		Lime
1260	1300		Anhydrite
1300	1320		Shale, sheets, lime
1320	1331		Shale, Red Bed
1331	1425		Broken Lime
1425	1455		Red Bed and Shells
1455	1515		Red Bed, Shale and Shells
1515	1680		Anhydrite
1680	1940		Anhydrite
1940	2115		Salt and Red Bed (Top of salt 1680')
2115	2323		Shale and Red Bed
2323	2430		Salt and Red Bed
2430	2568		Salt and Red Bed
2568	2670		Salt and Lime
2670	2708		Salt and Lime Shells
2708	2840		Lime, Shells and Anhydrite
2840	2895		Lime Set 9-5/8" Csg. at 2754'
2895	3170		Lime and Anhydrite. with 600 sacks cement.
3170	3200		Anhydrite
3200	3895		Anhydrite Hard
3895	3920		Anhydrite
3920	3975		Anhydrite Hard
3975	3997		Lime Hard
3997	4040		Broken Lime Top of Pay.
4040	4060		Brown Lime Lost returns
4060	4130		Brown Lime
4130	4170		Lime Hard
4170	4175		Broken Gray Lime
4175	4235		Gray Lime Hard
4235	4240		Brown Lime Soft
			Gray Lime Hard
			Total Depth.

This well did not show any
oil in the 3200' pay.