

Approved Feb 5th 1931
J. P. Sullivan

N.

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company TIDAL OIL COMPANY Address Box 1087, Hobbs, N.M.
Send correspondence to E. Schneider Address T. a. Over 102. St. orth, Texas
Grimes Well No. 5 in NE¹ of Sec. 29, 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 M. Grimes Address 1st Natl. Bank
Memole, Texas
The lessee is TIDAL OIL COMPANY Address t. orth, Texas
If not state or patented land, give status _____
Drilling commenced 11-16-30 19 _____ Drilling was completed 12-30-30 19 _____
~~12-30-30~~
Name of drilling contractor Chaplin & Bass Address Holdenville, Okla.
Elevation above sea level at top of casing 3647 approx feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 3215 to 3225 No. 4, from _____ to _____
No. 2, from 4000 to 4050 No. 5, from _____ to _____
No. 3, from 4120 to 4196 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 126 to 155 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>L</u>	<u>214' 14"</u>	<u>TP</u>				<u>Surface Pipe</u>
<u>9-5/8"</u>	<u>36#</u>	<u>8</u>	<u>Smith</u>	<u>2715' 10"</u>	<u>kr. 11t.</u>				<u>Water Shut Off</u>
				<u>(Shoe and 4 bottom joints are spot welded)</u>					
<u>7" OD</u>	<u>24</u>	<u>10</u>	<u>.I.</u>	<u>3911' 14"</u>	<u>kr. 11t</u>				<u>Oil String</u>
				<u>(Shoe and 2 bottom joints are spot welded)</u>					
<u>3"</u>	<u>9.3#</u>	<u>10</u>	<u>.I.</u>	<u>4204' 9"</u>					<u>Tubing</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>228'</u>	<u>250-sax Cement</u>	<u>Halliburton</u>	<u>10"</u>	<u>Hole Full</u>
<u>9-5/8"</u>	<u>2735'</u>	<u>600 "</u>	<u>"</u>	<u>"</u>	<u>" "</u>
<u>7" OD</u>	<u>3880'</u>	<u>400 "</u>	<u>"</u>	<u>"</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 228' feet to 4200' feet, and from _____ feet to _____ feet
Spudder
Cable tools were used from 20' feet to 228' feet, and from _____ feet to _____ feet

Proration will allow this PRODUCTION
well to be put to producing
Put to producing Jan. 16, 19 31.

The production of the first 24 hours was 7517 barrels of fluid of which 99.4 % was oil; .6 %
emulsion; _____ % water; and _____ % sediment. Gravity, Be 33.8 at 38
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYES

M.E. Self, Driller Carl Johnson, Driller
U.S. King, 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 7 Name J. R. Wade
day of January, 1931 Position District Foreman.
Mary Frances Beal Representing Tidal Oil Company.
Notary Public Company or Operator
My commission expires June 10 1937.

FROM	TO	THICKNESS IN FEET	FORMATION
0	20		Surface Caliche (In Cellar)
20	35		Granite
35	60		Caliche, Hard
60	75		Sand
75	80		Lime Shell
80	85		Sand
85	90		Lime, Hard
90	110		Sand, Hard
110	120		Sand
120	126		Lime Shell, hard and flinty
126	155		Sand
155	160		Lime, Hard
160	165		Sand
165	170		Lime, hard
170	183		Sand
183	188		Lime, flinty
188	190		Sand
190	210		Red Bed
210	220		Sandy Shale
220	228		Yellow Shale - Cemented 12 $\frac{1}{2}$ " w/ 250-sax.
228	1480		Red Bed
1480	1530		Red Bed and Anhydrite
1530	1580		Red Bed
1580	1700		Anhydrite
1700	1705		Potash - Top of Salt at 1705'
1705	2490		Salt
2490	2615		Salt and Anhydrite
2615	2670		Anhydrite and Red Bed.
2670	2965		Anhydrite - Set 9-5/8" csg. at 2735' w/ 600 sax
2965	3050		Anhydrite and Red Bed
3050	3215		Anhydrite
3215	3225		Sand - Light show of oil.
3225	3772		Anhydrite
3772	3780		Sand, soft brown
3780	3850		Anhydrite
3850	4000		Hard Lime - Set 7" Csg. at 3880' w/ 400-sax.
4000	4050		Lime, broken brown - 1st show of oil at 4000'
4050	4070		Lime, hard - lost some returns at 4050'
4070	4120		Gray Lime
4120	4185		Lime, Brown
4185	4196		Lime, broken brown
4196	4200		Lime, black
4200	----		Total Depth.