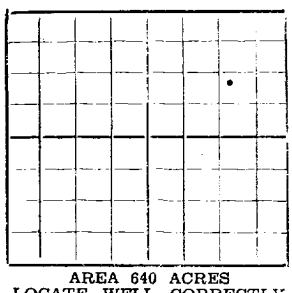
Form SG 108

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Company Tidal Oil Company Address Hobbs N.M.

Send correspondence to T.R. Wade Address Box 1087 Hobbs, N.M.

W.D. Grimes Well No. 2 in NE¼ 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 Wm. D. Grimes Address 1st Natl. Bank Seminole, Texas

The lessee is Tidal Oil Company Address Ft. Worth, Texas

If not state or patented land, give status

Drilling commenced July 20, 1930 19 Drilling was completed Sept. 12, 1930 19

Name of drilling contractor Champlin & Sass Inc. Address Goldenville, Okla.

Elevation above sea level at top of casing 3650' feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3185 to 3195 No. 4, from to

No. 2, from 4127 to 4167 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 135 to 160 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 FROM	PERFORATED TO	PURPOSE
20"	90#	8	L.J.	128'7"	none				Drill Pipe
15½"	70#	8	L.J.	217'6"	T.P.				Water Shut off
9-5/8"	36#	8	Smls	2753'7"	Bkr. Flt.				Oil String
	(Shoe and two bottom joints welded on)								
7" OD	24#	8	L.J.	2109'4"					
7" OD	24#	8	Smls	1819'1"	Bkr. Flt.				do
	(Shoe welded on)								

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15½"	230'	200 sax cement	Halliburton	10#	Hole Full
9-5/8"	2718'	600 sax cement	do	12#	do
7" OD	3880'	300 sax cement	do	12#	do

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** 4176' **feet, and from** **feet to** **feet**

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

PRODUCTION

Put to producing Sept. 15, 19 1930

The production of the first 24 hours was 1814 barrels of fluid of which 99.9 % was oil; .1 % emulsion; % water; and % sediment. Gravity, Be 37.1 at 70

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

Rock pressure, lbs. per sq. in.

EMPLOYES

D. D. Rose, Driller , Driller

A.W. 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 22 Name T.R. Wade

day of September, 19 Postion Dist. Foreman

Mary Frances Reed Representing TIDAL OIL COMPANY
Notary Public. Company or Operator

My commission expires June 1 1934

FROM	TO	THICKNESS IN FEET	FORMATION
0	230		Surface
230	245		Brown Sand
245	1000		Red Bed
1000	1060		Shale
1060	1105		Shale, lime and shells
1105	1200		Shale
1200	1305		Shale, Lime and Shells
1305	1312		Broken Lime
1312	1343		Lime Rock
1343	1358		Broken Lime
1358	1369		Sandy Lime
1369	1388		Broken Lime
1388	1448		Shale and Lime Shells
1448	1526		Red Bed
1526	1549		Red Bed and Lime Shells
1549	1668		Anhydrite
1668	1695		Red Bed and Anhydrite
1695	1700		Potash
1700	2500		Salt
2500	2520		Salt and Anhydrite
2520	2915		Anhydrite
2915	3170		Anhydrite and Shale
3170	3185		Anhydrite
3185	3195		Sand (Show of oil at 3185')
3195	3500		Anhydrite
3500	3570		Anhydrite and Shale
3570	3725		Anhydrite
3725	3807		Lime Broken
3807	3815		Sand
3815	3835		Broken Lime and Shale
3835	3880		Lime
3880	3894		Hard Sandy Lime
3894	4027		Lime
4027	4086		Lime Broken (4027' top of pay)
4086	4105		Hard Lime
4105	4167		Broken Lime
4167	4176		Hard Lime
~~4176~~			

Shallow gas and oil on above well was not cemented off and is being held by Braden Head.