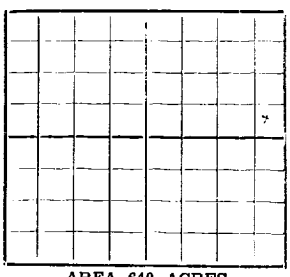
Form SG 108

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 Box 1087 Hobbs, N.M.

Send correspondence to E. Schneider Address N.T. Carpenter Bldg. Ft. Worth, Texas.

Wm. D. Grimes Well No. 4 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 Address

If not state or patented land, give status

Drilling commenced Oct. 7, 1930 19 . Drilling was completed Nov. 14, 1930 19

Name of drilling contractor Champlin & Bass, Inc., 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 4050 to 4175 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 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
12½"	50#	10	S.B.L.	213'8"	T.P.				Surface Pipe
9-5/8"	36#	8	Smls	2707'6"	Bkr. Float				Water Shut-off
	(Shoe and 3 bottom joints are spot welded)								
7" OD	24#	10	Smls	3894'2"	Bkr. Float				Oil String
	(Shoe and 4 bottom joints are spot welded)								
3"	9.3#	10	U.I.	4227'7"	none				Tubing
	(Bottome joint is perforated by slotting)								

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12½	220'	200 El Toro Oil	Dell Halliburton	10#	Hole Full
9-5/8"	2720'	600 " " "	" "	12#	do
7" OD	3880'	300 " " "	" "	"	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 220' feet to 4194' feet, and from feet to feet

Cable tools were used from Spudder 20' feet to 220' feet, and from feet to feet

PRODUCTION

Proration will allow this well to be put to producing Dec. 1, 1930.

Test of Nov. 17, 1930.

Put to producing ~~Nov.~~ Dec. 1, 19 30.

The production of the first 24 hours was 19,443 barrels of fluid of which 99.4 % was oil; .6 % emulsion; % water; and % sediment. Gravity, Be 35.5 at 50

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 , 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 18 day of November, 1930.

Mary Frances Beal
Notary Public.

My commission expires June 10 1934

Name W.P. Wade

Postion District Foreman.

Representing Tidal Oil Company.
Company or Operator

FROM	TO	THICKNESS IN FEET	FORMATION
0	10		Lime (In Cellar)
10	20		Caliche do
20	35		C aliche
35	60		Sand
60	62		Lime Shell
62	100		Sand
100	102		Lime Shell
102	118		Sandy
118	123		Sandy Lime
123	145		Sand
145	150		Shell Lime
150	156		Hard Sand
156	161		Shell Lime
161	180		Hard Sand
180	183		Shell Lime
183	195		Sand
195	218		Red Bed
218	220		Yellow Clay (Cemented 12½" w/ 200 sx. Cement)
220	1260		Red Bed
1260	1445		Red Bed and Sand
1445	1510		Red Bed and Lime Shells
1510	1550		Broken Lime and Anhydrite
1550	1620		Red Bed and Anhydrite
1620	1655		Sand and Anhydrite
1655	1710		Anhydrite (Top of Salt 1710')
1710	2475		Salt
2475	2575		Anhydrite and Salt
2575	2600		Red Bed and Anhydrite
2600	2968		Anhydrite (Cemented 9-5/8" Csg. 2720' 600 sx)
2968	3078		Anhydrite and Shale (Showing of gas at 2830')
3078	3208		Anhydrite
3208	3218		Oil Sand (Showing of Oil)
3218	3715		Anhydrite
3715	3720		Sand
3720	3855		Anhydrite
3855	3880		Lime (Cemented 7" Csg. at 3880' 300 sax. Cement
3880	3949		Lime and Anhydrite
3949	4050		Lime (Top of pay at 4050')
4050	4130		Gray Brown Lime Broken
4130	4175		Soft Brown Lime
4175	4194		Hard Gray Lime
4194	-		Total Depth.

This well built up a pressure of 400# on casing after tubing was run and shut in. Blew itself in and cleaned self without running swab.

On open test for 30-minutes made 405.06-bbls. which makes a 24-hr. gauge of 19,443.10-bbls. With 16,640,000 Cu. Ft. of Gas.