LICATE

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 The Texas	Company		Address	Box	1160,	Fort	Worth,	Texas.
Send correspondence to	the Texas	Company	Address	Box	1160,	Fort	Worth,	Texas.
State of New M	lex. Well No	A-4	in Lot	7	of Sec	2	, _{т.} 21	-South,
R. 33-East , N. M.	Р. М.,	ynch	Oil Field		Lea			County.
If State land the oil and ga	s lease is No.	-163	Assignment	No		4		
If patented land the owner	is	• • • • • • • • • • • • • • • • • • •				., Addre	SS	
The lessee is The 7	<u>Texas Comp</u>	any				., Addre	ss Fort	North, Texa
If not state or patented lan	d, give status							
Drilling commenced	ecember 1	3 , 19 33	. Drilling v	vas coi	mpleted	Tet	ruary 1	13, 19 34.
Name of drilling contractor	Carl B.	King Dri	lling C	0.	, Address	Hou	ton, Te	xas.
Elevation above sea level at	top of casing	3794	fe	et.				
The information given is to	be kept confiden	tial until						

OIL SANDS OR ZONES

No. 1, from 3732	to 3737 011	No.	4,	from	to
No. 2, from 3783	to 3785 011	No.	5,	from	to
No. 3, from	to	No.	6,	from	το

IMPORTANT WATER SANDS

No. 1, from	1010	to	1040	No.	3,	from	to
No. 2, from	10 60		1150	No.	4,	from	to

CASING RECORD

SIZE	WEIGHT	THREADS	MAKE	AKE AMOUNT KIND OF		CUT AND PULLED	PERFORATED		PURPOSE
GLUM	PER FOOT	PER INCH		ALCONT	SHOE	FROM	FROM	то	PURPOSE
121	50#	oThd.	LINO	14 141	Tex. Pa	•			
81 "	32#	8 *	. 🗰	1706	4" "				-
-3/16	17#	11+ *		3649'	Baker-I	harch-coment	guide	shoe.	
		5			-				
			1					:	

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED MUD GRAVITY	AMOUNT OF MUD USED
121"	141	55 Sacks	Halliburton	
81"	1706 4*	400 *		
5-3/16	3649	50 *	*	,

Form SG 108
N.

AREA 640 ACRES LOCATE WELL CORRECTLY

.

.

PLUCS AND ADAPTERS Maving plug-Material Dong Depth Set Mapters-Material Size SHOOTING RECORD Size SHELL USED EXPLOSIVE USED QUANTITY DATE DEPTH SNOT DEPTH CLEANED OF SHELL USED EXPLOSIVE USED QUANTITY DATE DEPTH SNOT DEPTH CLEANED OF SHELL USED EXPLOSIVE USED QUANTITY DATE DEPTH SNOT DEPTH CLEANED OF SHELL USED EXPLOSIVE USED DETOLS USED O feet to 1720 feet, and from feet to O FEODUCTION PRODUCTION PRODUCTION PRODUCTION YOTY 113316 gas Galons gasoline per 1,000 cu, ft. of gas Materia % Stateria of fluid of which % was oil; Gaster to production of the first to hours was 62 Galons gasoline per 1,000 cu, ft. of gas<											
None Length Depth Set adapters-Material Size SHOOTING RECORD SIZE SHELU USED EXPLOSIVE USED QUANTITY DATE DEPTH SHOT DEPTH SHOT DEPTH SHOT OTHEL USED QUANTITY DATE DEPTH SHOT TOOLS USED DEPTH SHOT PRODUCTION											•
Adapters-Material Size SHOOTING RECORD SIZE SHELL USED EXPLOSIVE USED QUANTITY DATE DEPTH SHOT DEPTH CLEANED OU DII not shot with mixture of 500 gals. celd and 500 gallens water, saded with 200 berrels oil on February 25, 1934. A detail report o Did treatment will follow. TOOLS USED otary tools were used from 0 feet to 1720 feet, and from feet to able tools were used from 270 feet to 3785 feet, and from feet to PRODUCTION Put to producing February 19, 19 34. The production of the first Thours was 62 barrels of fluid of which % was oil; mulsion; 32 % water; and % sediment. Gravity, Be 29.7 If gas well, cu ft. per 24 hours Very 111116 gas Rock pressure, lbs. per sq. In. EMPLOYES			PI	LUGS AN	ID ADAP	ΓERS					
SHOOTING RECORD size shell used EXPLOSIVE USED quantity date depth shot depth cleaned or bil not shot with altro.	eaving plug	g—Material	lone	Length			De	epth Set			
SHOOTING RECORD size shell used explosive used quantity date depth shot depth cleaned or all not shot with aitro.	dapters—Ma	iterial		Size	, 						
SIZE SHELL USED EXPLOSIVE USED QUANTITY DATE DEPTH SHOT DEPTH CLEANED OU D11 not shod with mitter.	-			,							
SIZE SHELL USED EXPLOSIVE USED QUANTITY DATE DEPTH SHOT DEPTH CLEANED OU D11 hof with nittor.				SHOOTI	NG RECO	RD					
Il not shot vith nitro. bil treated with mixture of 500 gals. seid and 500 gallons water, with 200 berrols oil on February 25, 1934. A detail report o id treatment will follow. TOOLS USED Name of feet to 1720 feet, and from feet to 1720 feet, and from feet to 1720 feet to 3785 feet, and from feet to 1720 feet to 1000 cu, feet to 1720 feet to 1000 cu, ft. of gas	SIZE	SHELL USED	EXPLOSIVE U	4	<u> </u>	1	DEPTH S	HOT	DEPTI	- CLEANED	OUT
11 treated with mixture of 500 gals. acid and 500 gallons water, aded with 200 barrels cil on February 25, 1934. A detail report o id treatment will follow. TOOLS USED treatment will follow. PRODUCTION PRODUCTION Propulation of the first 17 hours was barrels of fluid of which % was oil; The production of the first 17 hours was Set in		-		t t							
Maded with 200 berrels cil en Pebruary 25, 1934. A detail report of the treatment will reliev. TOOLS USED treatment will reliev. TOOLS USED phare to 1720 feet to 1720 feet, and from feet to 1720 the tools were used from 0 feet to 3785 feet, and from feet to 1720 feet to 1720 feet to 1720 feet, and from feet to 1720 feet to 1720 feet to 1720 feet, and from feet to 1720 feet to 172	. 1						-				
TOOLS USED tary tools were used from 0 feet to 1720 feet, and from feet to the tools were used from 1720 feet to 3785 feet, and from feet to PRODUCTION Put to producing February 19, 19 34. The production of the first Thours was 62 barrels of fluid of which % was oil; mulsion; % water; and % sediment. Gravity, Be 29.7 If gas well, cu. ft. per 24 hours Very 113216 gas Rock pressure, lbs. per sq. in. EMPLOYES	inded w	1th 200 h	Trels of	an Te	BTHATY	25. 1	034 A	dete		enort	of
TOOLS USED Datary tools were used from 0 feet to 1720 feet to Propulation of the first of from feet to The production of the first of hours was barrels of fluid of which % was oil; The production of the first of hours was 62 barrels of fluid of which % was oil; mulsion; 31 % water; and % sediment, Gravity, Be 29.7 If gas well, cu, ft. per 24 hours Yery little gas Gallons gasoline per 1,000 cu, ft. of gas Rock pressure, lbs. per sq. in EMPLOYES						-21 -	7/4: 4	ue pe		eport	01
Atary tools were used from 0 feet to 1720 feet, and from feet to 1720 feet to 3785 feet, and from feet to 1720 feet to 9785 feet, and from feet to 1720 feet to 1											
1720 3785 ble tools were used from feet to PRODUCTION PRODUCTION Put to producing 7 Put to production of the first of hours was 62 barrels of fluid of which % was oil; ulsion; 31 % water; and % sediment. Gravity, Be 29.7 If gas well, cu. ft. per 24 hours Yery 11ttle gas Gallons gasoline per 1,000 cu. ft. of gas EMPLOYES				тос	DLS USED						
1720 3785 feet to feet to PRODUCTION PRODUCTION Put to producing February 19 , 19 34. The production of the first of hours was 62 barrels of fluid of which % was oil; aulsion; Wery 111ttle gas Gallons gasoline per 1,000 cu, ft. of gas FMPLOYES	tawy toolo .	word from	0	17	20	3 6					•
PRODUCTION Put to producing	taly cools	were used from	1720	37	AR	and iro	m	I ce	τ το		
PRODUCTION Put to producing	ble tools w	ere used from	fee	t to	feet,	and from	m	fee	t to		fee
	The prod	uction of the first	hours was	, ₁₉ 34 62	• • barrels of flu	ud of wl	nich	%	was oil	;	9
	The production The production The production The product of the pr	uction of the first BSB % water; Il, cu. ft. per 24 ho	and Very 1	, 19 34 62 % sedimer 1 111	barrels of flu bt. Gravity, Gallons (iid of wl Be	29.7				
Carl Allsup H. T. Russell , Driller	The production of the production of the production of the product	uction of the first "BSB water; Il, cu. ft. per 24 ho ssure, lbs. per sq. h	and Very 1	19 34 62 % sedimer	barrels of flu at. Gravity, Gallons (PLOYES	iid of wl Be gasoline	29.7 per 1,000 cu	I. ft. of			
G. D. Flickinger W. W. Enoch	The production of the production of the production of the product	uction of the first "BSB water; Il, cu. ft. per 24 ho ssure, lbs. per sq. h	and Very 1	19 34 62 % sedimer	barrels of flu at. Gravity, Gallons (PLOYES	iid of wl Be gasoline	29.7 per 1,000 cu	I. ft. of			
	The production of the producti	uction of the first """"""""""""""""""""""""""""""""""""	FORMA and FORMA	.19 34 62 % sedimer .1**1• EM , Drill TION RE .tion given 1	barrels of flu at. Gravity, Gallons (IPLOYES er er CORD ON herewith is a	uid of wl Be gasoline I. T. V. W.	29.7 per 1,000 cu Russel Enoch	. ft. of 1	gas		, Driller
Subscribed and sworn to before me this 6 Name Asst. Division Manager.	The production of the production of the production of the product of the press of t	uction of the first """"""""""""""""""""""""""""""""""""	FORMA and FORMA	.19 34 62 % sedimer .1**1• EM , Drill TION RE .tion given 1	barrels of flu at. Gravity, Gallons (IPLOYES er er CORD ON here with is a ords.	uid of wl Be gasoline I. T. V. W.	29.7 per 1,000 cu Russel Enoch	. ft. of 1	gas		, Driller
y of Marthan, 197 Postion Manager, The Texas Company	The production of the production of the production of the pression of the pres	uction of the first """"""""""""""""""""""""""""""""""""	FORMA and FORMA	.19 34 62 % sedimer .1**1• EM , Drill TION RE .tion given 1	barrels of flu at. Gravity, Gallons PLOYES er er CORD ON herewith is a ords. Name Postion	tid of wl Be gasoline H. T. V. W. OTHE complet	29.7 per 1,000 cu Russel Enoch	. ft. of 1	gas		, Driller
March and Asst. Division Manager,	The production of the production of the production of the pression of the pres	uction of the first """"""""""""""""""""""""""""""""""""	FORMA and FORMA	19 34 62 % sedimer .1**1• EM , Drill TION RE tion given 1 vailable reco	barrels of flu at. Gravity, Gallons Gallons PLOYES er er CORD ON herewith is a ords. Name Postion Represen	tid of wl Be gasoline H. T. V. W. OTHE complet	29.7 per 1,000 cu Russel Enoch CR SIDE e and correct Divisi he Texa	t record	of the	wygy and	, Drillei , Drillei

APPI	ROVED ASO. K.	
е¥ ⁷	Marian	

FORMATIO N RECORD

FROM	то	THICKNESS IN FEET	FORMATION
0 18	18	18 27	Surface rock Sand and Shell
45	45 80 82	27 35 73 35 90 150 440 140	Rock red Shell
82	155 190	73	Red rock Shale and Shells
155 190 280	280 4 30	90 150	Red bed and Shells Rock red
430 870	870 1010	440	Shale and shells, red. Rock red
010	1100 1180	90 80	SAND - LIGHT - HARD SAND - GRAY - SOFT
180 210	1210 1300	30 90 110	Rock red Shale and shells, medium
300 .410	1410 1415	ĸ	Rock red hard Shale
415	1419 1470 1500	55 [°] 30	Rock red hard Rock and shale, red, hard
470	1575 1615	75	Rock, red, hard Rock and shale, red
575	1705	90 50	Rock red hard Anhydrite, hard
705	1755 1760	75 40 50 55 55 55 50 50 50 50 50 50 50 50 50	Rock red hard Anhydrite gray hard
760 815	1815 1950 1955	135	Salt light soft
1950 1955	1955 1990 20 4 0	2 35	Salt white soft
1955 1998 2040	2070	50	Anhydrite gray hard Salt red soft
2070 2110	2110 2170	40	Anhydrite gray hard Salt white soft
2170 2560	2560 2580	39 0 20	Salt red medium, hard Anhydrite gray hard
2580 2635	2635 3005	4 <u>70</u>	Salt red hard Salt red medium, hard
3005 3060	3060 3075	55 15 10	Salt pink hard Anhydrite gray hard
3075 3 085	3085 3105	20	Potam red soft Salt red soft
5105 5120	3120	15 15	Anhydrite white hard Salt red soft
51.35 51.50	3135 3150 3180	15 30	Ankydrite-white hard Selt red hard
5180 5230	5230 3300	50 70	Anhydrite end salt Salt red medium
5300	3325	2 5	Anhydrite white hard Broken shale, gray hard
2242 3335 3375	3375	30 20 20	Shale blue soft Balt white medium.
JJ()	3395	. €, ∀	Note: 3395' equals 3302'. Measured well - depth corrected
TTAG	7780	EA	back from 3420 to 3327'
3352	3358	59	Salt white medium Anhydrite gray hard
3320	3418		Salt red soft Anhydrife brown hard
3422 3422	34 22 3442	12 20	Anhydrite white hard Lime brown hard - Top Brown Lime 3422'
3457	2427 2 560	15 105	Lime white hard Lime brown hard
2200 3600	3600 3610	40 10	Broken lime, gray hard Lime brown hard
2010 3613	3627	3 14 6	Sand fiel Soft Sand Gray Soft
2027 2633	5033 3643	10	Shale, broken red soft Lime white hard - Top White Lime 3633'
3648	3648 3672	5 24	Lime gray hard Lime white hard
3672 3684	3684 3692	12	Lime, sandy white Sand and lime, gray hard
3692 37 2 9	3729 3733	37	Sandy line, gray hard Broken line, gray medium.
		- -	011 and water, filled up 1000' in 4 hrs. from 3732 to 3737'
2122 2121	2737 2774	37	Broken lime, gray soft Lime, gray soft
577 4 3783	5704 3785	2	Sandy lime, gray medium Lime gray medium - Inc. in oil 3783-85'
3785	Total de	op th	•
			· ·
		•	
			-
		-	
		×	

墩

. . . .