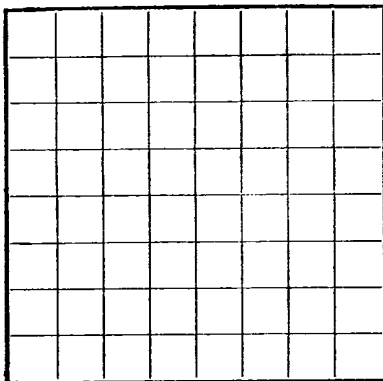




LOCATE WELL CORRECTLY

U. S. LAND OFFICE ~~Las Cruces~~SERIAL NUMBER ~~032650 (b)~~

LEASE OR PERMIT TO PROSPECT

A. B. Coates "C" Lease

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ~~Tidewater Oil Company~~ Address ~~Box 547 Hobbs, New Mexico~~Lessor or Tract ~~A. B. Coates "C"~~ Field ~~Justis Drinkard~~ State ~~New Mexico~~Well No. ~~12~~ Sec. ~~24~~ T25S R37E Meridian ~~NPM~~ County ~~Lea~~Location ~~1980 ft. [N.] of S. Line and 1650 ft. [E.] of W. Line of section 24~~ Elevation ~~3024'~~
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed ~~H. P. Schaefer~~Date ~~7-22-58~~ Title ~~Area Supt.~~

The summary on this page is for the condition of the well at above date.

Commenced drilling ~~6-8-58~~, 19... Finished drilling ~~7-9-58~~, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~6930~~ to ~~6975~~ No. 4, from ... to ...No. 2, from ~~5890~~ to ~~5940~~ No. 5, from ... to ...

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

IMPORTANT WATER SANDS

No. 1, from ... to ... No. 3, from ... to ...

No. 2, from ... to ... No. 4, from ... to ...

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	36.4	54.3	SRD & SJ	J-55	542				Surface
9-5/8	36.4	32.3	SRD H-40	J-55	3343				Intermediate
7"	28	28	SRD	J-55	7136		5890	5940	Prod. string
2-3/8	4.7	3RD	J-55	7136	(Fusselman)		6930	6975	tubing
2-3/8	4.7	CS	J-55	Hydril 6009	(Drinkard)				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	542'	550	2 plug		
9-5/8	3343	1300	2 stage		
7"	7136	850	2 stage		

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
	Acidized Fusselman	perforations w/	500 gals. mud &		500 gals. Reg. acid.	
	Acidized Drinkard	perforations w/	500 gals. mud &		500 gals. Reg. acid.	

TOOLS USED

Rotary tools were used from ~~0~~ feet to ~~7137~~ feet, and from ... feet to ... feet

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

DATES

... ~~7-22-58~~, 19... Put to producing ... ~~7-15-58~~, 19...The production for the first ~~6 hrs. Fusselman 93.84~~ barrels of fluid of which ~~100~~ % was oil; ... %emulsion; ... % water; and ... % sediment. Gravity, °Bé. ~~100~~ Fusselman ~~36~~ APIIf gas well, cu. ft. per 24 hours ... Gallons gasoline per 1,000 cu. ft. of gas ~~Drinkard 37.4~~ API

Rock pressure, lbs. per sq. in. ...

EMPLOYEES

... Driller ~~of Noble Drilling Co.~~ Driller... Driller ~~J. A. Turner~~ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	547	547	Red Bed
547	2113	1566	Anhy. & Salt
2113	2310	197	Anhy.
2310	2421	111	Lime
2421	3176	735	Anhy.
3176	3195	19	Lime
3195	3260	65	Anhy. & Lime
3260	3350	90	Lime
3350	3421	71	Lime & Anhy.
3421	4083	662	Lime
4083	4185	102	Lime & Sand
4185	5117	932	Lime
5117	5230	113	Lime & shale
5230	6605	1375	Lime
6605	6643	38	Dolo., lime & chert
6643	6685	42	Dolo.
6685	6716	31	Chert
6716	6902	186	Lime & chert
6902	7017	115	Lime
7017	7137 A.D.	120	Lime & chert

[OVER]

16-43004-4

FROM-

On

FORMATION

FORMATION RECORD-Continued

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

A. B. Coates "C" Well #12

Geological Tops Picked From GR-1 Log

RECEIVED
JUL 23 1958
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

<u>FORMATION</u>	<u>TOPS</u>
Glorietta	4604'
Blindley	5008'
Tubbs	5618'
Drinkard	5385'
Base of Permian	6644'
Russelman	6732'
Montoya	7015'

DEVIATION

<u>DEPTH</u>	<u>DEG. G.M.</u>
240	3/4
540	1-3/4
920	1
1200	3/4
1720	2
1920	3-3/4
2010	4
2145	4-1/4
2190	3-3/4
2250	3-1/4
2410	2
2540	1-1/4
2750	1
2890	1/4
3120	3/4
3330	1-1/4
3320	1-1/2
3510	1
3850	3/4
4170	1
4310	1/2
4460	3/4
4730	1/4
4900	3/4
5025	0
5390	1/2
5578	1/4
5750	0
6077	3/4
6240	1-3/4
6505	1
6640	3/4
6840	1-1/2
7010	1-3/4
7085	1-1/4