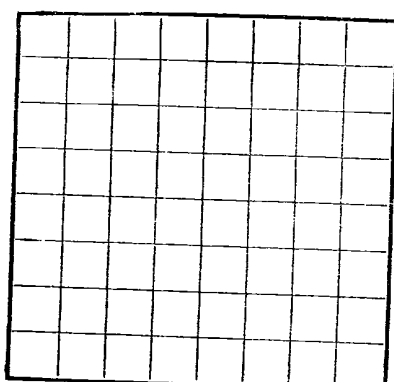


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032650 (b)**LEASE OR PERMIT TO PROSPECT
A. B. Coates "C"UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYMAR 23 1959
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

LOCATE WELL CORRECTLY

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 McKee Ellenberger** State **New Mexico**
Well No. **19** Sec. **24** T. **25S** R. **37E** Meridian **N 4 PM** County **Lea**
Location **290** ft. **N.** of **S.** Line and **290** ft. **W.** of **E.** Line of **Section 24** Elevation **3069'**
(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

Date **March 24, 1959**Title **Area Supt.**

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

Commenced drilling **1-22-59**, 19... Finished drilling **3-12-59**, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7326** to **7375 (McKee)** No. 4, from ... to ...
No. 2, from **7847** to **7940 (Ellen.)** 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	SJ	ARMCO	540	ARMCO	-	-	-	Surface
9-5/8	32.3	8	J-55	3326	Float	-	-	-	Intermediate
7	23	8	J-55	7847	Control	-	7326	7375	Oil stringer
2-3/8	4.7	8	J-55	7907	-	-	-	-	Ellenberger
2-3/8	4.7	Hardy Griffin	J-55	7940	-	-	-	-	McKee

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	540	550	Pump		
9-5/8	3326	1100	2 stage		
7"	7847	700	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

TOOLS USED

Rotary tools were used from **0** feet to **7940** feet, and from ... feet to ... feet
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

DATES

March 24, 1959
McKee 12 hrs. 109
Ellen. 7 hrs. 140
The production for the first 24 hours was ... barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment.
If gas well, cu. ft. per 24 hours ... Gravity, °Bé. 43.1 McKee, 45.6 Ellen.
Rock pressure, lbs. per sq. in. ... Gallons gasoline per 1,000 cu. ft. of gas ...

EMPLOYEES of Noble Drilling Co.

A. A. Morgan, Driller
B. D. McDaniel, Driller
J. M. Turner, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	140	140	Surface
140	345	205	Red bed
345	545	200	Red bed & anhy.
545	765	220	Anhy.
765	1630	885	Anhy. & salt
1630	3130	1480	Anhy.
3130	3195	65	Anhy. & lime
3195	5326	2131	Lime
5326	5350	24	Lime & anhy.
5350	6858	1508	Lime
6858	6910	52	Lime, chert & sand
6910	6980	70	Sand & shale
6980	7080	100	Lime & shale
7080	7144	64	Lime, shale & sand
7144	7296	152	Shale & lime
7296	7420	124	Lime, sand & shale
7420	7725	305	Lime & shale
7725	7940	215	Lime

[OVER]

FORMATION RECORD—Continued

FORMATION RECORD - CONTINUED					
FROM-	TO-	TOTAL FEET	FORMATION		
	<u>DEVIATION</u>				
<u>DEPTH</u>	<u>DEG OFF</u>	<u>DEPTH</u>	<u>DEG OFF</u>		
145	1/4	3060	1/4		
420	1-1/2	3320	3/4		
475	1-3/4	3440	1		
545	2-1/4	3600	1/2		
640	1-1/4	3900	1/4		
760	3/4	4380	1/4		
850	1/4	4930	0		
970	3/4	5255	1/4		
1080	1/2	5560	1/4		
1190	1	5650	1/2		
1290	1-1/4	5840	1/4		
1330	1-1/4	6125	0		
1440	1-1/2	6330	1		
1495	1-1/2	6585	TIME		
1545	1-3/4	6800	TIME SUPPL.		
1670	2-1/2	7030	TIME		
1700	2-1/2	7315	SUPPL. & TIME		
1730	2-3/4	7415	YUW/2		
1790	2-1/2	7495	YUW/4 W SHIT		
1840	2-1/2	7685	YUW/2		
1920	2-3/4	7765	BIG DEQ - S. PA.		
2040	2	7890	249/200		
2090	2		249/200		
2185	2-1/2				
2235	2				
2270	2				
2620	1				
2920	3/4				

FORMATION	DEPTH
San Andres	3544'
Glorieta	4650'
Justis	4722'
Blaine	5028'
Blinebry	5656'
Tubbs	5928'
Drinkard	6846'
Montoya	6902'
Simpson	7292'
McKee	7536'
Connell	7658'
Joins	7736'
Ellenburger	

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.

FOOTNOTES

[illegible]

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico (Place) 3/16/59 (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Tidewater Oil Company A. L. Coates "C" Well No. 19, in SE 1/4 SE 1/4,
(Company or Operator) (Lease)

P Sec. 24, T25S, R. 37E, NMPM., Justis McKee Pool
Unit Letter

Lea County. Date Spudded 1-22-59 Date Drilling Completed 3-12-59

Please indicate location: Elevation 3069 D.F. Total Depth 7300 PBTD

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Top Oil/Gas Pay 7326 Name of Prod. Form. Justis McKee

PRODUCING INTERVAL -

Perforations 7326-31', 7337-31', 7351-75'

Open Hole _____ Depth _____ Casing Shoe _____ Depth _____ Tubing _____

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used) 130 bbls. oil, 2 bbls water in 10 hrs, _____ min. Choke Size 1 1/2

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: _____ MCF/Day; Hours flowed _____

Choke Size _____ Method of Testing: _____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand) Acidized w/ 500 gal. fraced w/ 10,000 gal. oil, w/ 1/10# gal. sodium, 10,000# sand

Casing _____ Tubing _____ Date first new Press. PER. Press 4700 oil run to tanks 3/14/59

Oil Transported Texas-New Mexico Pipeline Company

Gas Transported El Paso Natural Gas Company

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>13-3/8</u>	<u>540</u>	<u>550</u>
<u>9-5/8</u>	<u>3326</u>	<u>1100</u>
<u>7"</u>	<u>7847</u>	<u>700</u>
<u>2-3/8</u>	<u>7300</u>	

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved _____, 19 _____ Tidewater Oil Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: _____ Original Signed By H. P. Shackelford
(Signature)

Title _____ Area Supt.
Send Communications regarding well to:

Name H. P. Shackelford

Address Box 547 Hobbs, New Mexico

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