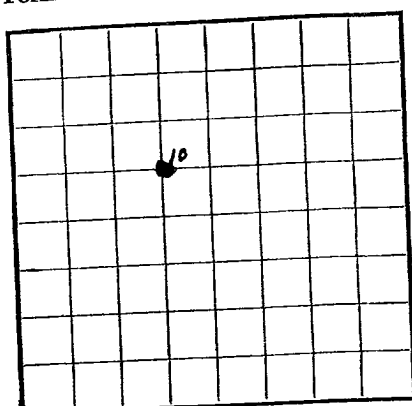


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032650 (b)**
LEASE OR PERMIT TO PROSPECT **F**
A. B. Coates "C" Lease

LOCATE WELL CORRECTLY

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 Ellenburger** State **New Mexico**
Well No. **10** Sec. **24** T. **25S** R. **37E** Meridian **NMPM** County **Lea**
Location **1980** ft. **[XX]** of **N** Line and **2080** ft. **[E]** of **W** Line of **Section 24** Elevation **3088** KDB
(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. Shackelford** Title **Area Supt.**

Date **February 10, 1958**

The summary on this page is for the condition of the well at above date.
Commenced drilling **12-4-57**, 19____ Finished drilling **1-27-58**, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **(8162'** to **8210')** 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 _____ 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	480	Tex. Pattern	None			Surface
13-3/8	48	SR	H-40	41					String
9-5/8	32 & 36	SR	H-40 & J-55	9349	Darking				Intermediate
7	22	SR	N-80 & J-55	8159					Production string
							Open hole	8162-8210	
2-3/8	4.7	SR	N-80 & J-55	8202					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	536	550	2 Plug		
9-5/8	3349	1300	2 Stage		
7	8162	1000	2 Stage		
2-3/8	8202				

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 **8210** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **1-27-58**, 19____

The production for the first 24 hours was **1344** barrels of fluid of which **100%** was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, **xxx 43.6° API**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES of Noble Drilling Co.

Bob R. Bowling, Driller **Paul Kessinger**, Driller
Wallace E. Maffell, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1425	1425	Red bed
1425	1960	535	Salt
1960	2153	193	Anhy. & salt
2153	2323	170	Anhy.
2323	2450	127	Anhy. & gyp.
2450	3028	578	Anhy.
3028	3121	93	Anhy & lime
3121	3143	22	Anhy.
3143	3192	49	Anhy. & lime
3192	3955	763	Lime
3955	4205	250	Sandy Lime
4205	4242	37	Lime
4242	4426	184	Sandy Lime
4426	4483	57	Lime
4483	4936	453	Sandy Lime
4936	6900	1964	Lime
6900	6919	19	Lime & sand
6919	6949	30	Lime
6949	6975	26	Lime & sand
6975	7023	48	Lime & sand
7023	7093	70	Cherty lime
7093	7283	140	Lime & sand
7283	7284	51	Sandy lime
7284	7445	161	Lime
7445	7520	75	Lime & shale
7520	7543	23	Shale

FORMATION RECORD--Continued

FROM-	TO-	TOTAL FEET	FORMATION
7543	7615	72	lime & shale
7615	7769	154	shale & sand
7769	8101	332	shale
8101	8183	82	shale & sand
8183	8210	27	Ellenburger
GEOLOGIC TOPS PICKED FROM GAMMA RAY NEUTRON			
TOPS			
775	2300	1525	
3065	3150	85	
3150	3648	498	
3648	4682	1034	
4682	5608	926	
5608	5859	251	
5859	6600	741	
6600	6786	186	
6786	7158	372	
7158	7520	362	
7520	7895	375	
7895	8016	121	
8016	8105	89	

FORMATION
Andy.
Kates
Queen
Rumrose
San Andres
Glorietta
Tubb
Drinkard
Russellman
Montoya
Simpson
McKee
Connell
Johns
Ellenburger

DEG. OFF

DEVIATION

DEPTH

DEG OFF

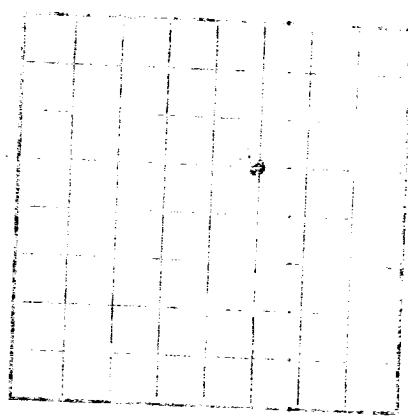
HISTORY OF OIL OR GAS WELL

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.

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LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Location of well, section, township, range, and meridian, and the well and off well work. This information is given from the well log and should be checked against the location of the well on the map. The location of the well should be given in the following order: Township, Range, Meridian, Section, and well name.