

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

GENERAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Tidewater Oil Company Address Box 547 Hobbs, New Mexico
Lessor or Tract A. B. Coates "C" Field Justis Drink. "A" State New Mexico
Well No. 11 Sec. 24 T_N 25 R. 37 Meridian NMPH County Lea
Location 1980 ft. N of 5 Line and 1650 ft. E of 5 Line of Section 24 Elevation 3075
(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.

Date June 16, 1958

Title _____ Area _____ Suppl. _____

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

Commenced drilling 4-11-58, 1958 Finished drilling 5-20-58, 1958

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

No. 1, from 6793 to 6830 No. 4, from _____ to _____
 No. 2, from 6868 to 6898 No. 5, from _____ to _____
 No. 3, from 5890 to 5930 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	48 & 36	88 & 84	J-55	520	Tex. Pat.	None			Surface
9-5/8	32 & 36	88	J-55 & H-40	3249	Lawkin		6200	6800	Intermediate
7	23	88	J-55	7000			6200	6800	Prod.
							6200	6800	String
2-3/8	4.7	88	J-55	6952	(Fusselman)				Tubing
2-3/8	4.7	88	J-55	5971	(Drinkard)				Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	520	550	2 - Plug		
9-5/8	3349	1300	2 - Stage		
7"	7099	600	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 zone 6793-6830 &	6868-6898	w/ 500 gal. mud acid & 500 gal. Reg. acid.			
acid.	acidized Rinkard zone 5890-5930	5930-5970	w/ 500 gal. mud acid & 500 gal. Reg. acid.			

TOOLS USED

Rotary tools were used from 0 feet to 7100 feet, and from _____ feet to _____ feet

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

DATES

June 16, 1958 Put to producing 5-28-58, 1958

The production for the first 24 hours was 1196 barrels of fluid of which 99.8% was oil; 7 hrs. Drinkard 149 Bbls. of fluid 99.8% was oil
 Fusselman 2/10 % water; and 2/10 % sediment. Gravity, °Bé. 35. Fusselman 32.6 Drinkard

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 R. S. Higgins Drilling Co.
Driller H. E. Steinman, Driller

A. T. Coleman, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	546	546	Red bed
546	859	313	Lime
859	1448	589	Anhydrite
1448	1568	120	Salt & Lime
1568	1968	400	Anhydrite
1968	2195	227	Anhy. & salt
2195	2535	340	Anhy.
2535	2675	140	Lime & Anhy.
2675	2744	69	Anhy.
2744	2839	95	Lime & Anhy.
2839	2907	68	Anhy.
2907	3310	403	Lime & Anhy.
3310	6816	3506	Lime
6816	6839	23	Lime & Chert
6839	6952	113	Lime & Dolomite
6952	6966	14	Lime & chert
6966	7030	64	Dolo. Lime & chert
7030	7100	70	Lime & chert

Continued

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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.

John A. Smith

FOOTBALL AND CONVEYANCE

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GEOPHYSICAL SURVEY 100-1000
LINEAL OF THE INTERPRETATION
DAILY STUDIES

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.