

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 SURVEY APR 6 1959

U. S. GEOLOGICAL SURVEY
HOBBS, 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 Montoya Justiskkee State New Mexico
 Well No. 21 Sec. 24 T. 25 R. 37 Meridian NMPM County Lea
 Location 2080 ft. N of S Line and 1980 ft. E of E Line of Sec. 24 Elevation 3084'
(Derrick floor relative to base line)

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. Lunn
Date April 3, 1959 Title Area Supt.

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

Commenced drilling 11-5-58, 1958 Finished drilling 12-9-58, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6884 to 6922 (Montoya) No. 4, from _____ to _____
 No. 2, from 7360 to 7479 (McKee) No. 5, from _____ to _____
 No. 3, from _____ to _____ 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	36	SJ	Armco	536	Armco	-	-	-	Surface
9-5/8	32.3	SR	M-40	3326	Blount	-	-	-	Intermediate
7"	23	SR	J-55	7549	"	-	6824	6922	Oil string
2-3/8	4.7	Hardy Griffin	J-55	6959	"	-	7360	7479	"
2-3/8	4.7	SR	J-55	7516	"	-	-	-	"

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	Pump		
9-5/8	3323	1100	" 2 stage		
7"	7549	500	" 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 7551 feet, and from _____ feet to _____ feet.

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

DATES

----- **4-3-59** -----, 19----- Put to producing ----- **12-15-58** -----, 19-----

The production for the first 24 hours was 21 hrs. Montoya 162 barrels of fluid of which 99.9 % was oil; - %
 - 1/10% 9 hrs. McKee 95 emulsion; - % water; and - % sediment. Gravity, °Bé. Montoya 27.3

-	1/10%	McKee 43.0
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, Inc.

A. D. Sparks, Driller
I. F. Coleman, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	156	156	Surface rock and red bed
156	775	619	Red bed
775	1898	1123	Anhy. & salt
1898	2222	324	Anhy.
2222	2339	117	Gyp & Anhy.
2339	2572	213	Anhy.
2572	2646	74	Anhy., gyp & lime
2646	3135	489	Anhy. & lime
3135	6680	3545	Lime
6680	6741	61	Lime & chert
6741	6780	39	Lime
6780	6794	14	Lime & chert
6794	6999	205	Lime
6999	7089	90	Lime & shale
7089	7150	61	Lime
7150	7420	270	Lime & shale
7420	7484	64	Sand & shale
7484	7540	56	Lime & shale

