

HOBBS

U.S. 3 - USGS, Roswell, N. Mex.
c - H. E. Berg - Houston
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Budg. App. 1959 No. 42-R355.4.
expires 12-31-60.

U. S. LAND OFFICE Las Cruces

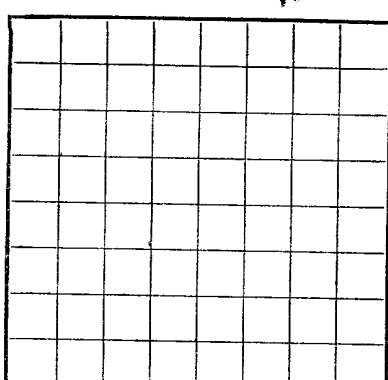
SERIAL NUMBER 032650 (b)

LEASE OR PERMIT TO PROSPECT

A. B. Coates "C"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 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 Ellenburger State New Mexico
Well No. 20 Sec. 24 T. 25 R. 37 Meridian NMPM County Lea
Location 990 ft. N of N Line and 990 ft. W of E Line of Sec. 24 Elevation 3079
(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 A. B. CoatesDate July 17, 1959 Title Area Supv.

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

Commenced drilling April 26, 19 59 Finished drilling June 12, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7152 to 7170 (McKee) No. 4, from _____ to _____
No. 2, from 7626 to 7750 (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—	
<u>13-3/8</u>	<u>36</u>	<u>8</u>	<u>Amco</u>	<u>533</u>	<u>Tex. Pat.</u>	<u>None</u>	<u>7152</u>	<u>7170</u>	<u>McKee</u>
<u>9-5/8</u>	<u>28</u>	<u>8</u>	<u>J-B & N</u>	<u>3314</u>	<u>Float</u>	<u>None</u>	<u>7170</u>	<u>7750</u>	<u>Ellenburger</u>
<u>7"</u>	<u>28</u>	<u>8</u>	<u>J-B & N</u>	<u>7626</u>	<u>Float</u>	<u>None</u>	<u>7152</u>	<u>7170</u>	<u>McKee</u>
<u>2-3/8</u>	<u>4.7</u>	<u>DS</u>	<u>Hardy-Griiffin</u>	<u>7228</u>					
<u>2-3/8</u>	<u>4.7</u>	<u>8R</u>	<u>J-55</u>	<u>7734</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>533</u>	<u>550</u>	<u>Pump & plug</u>		
<u>9-5/8</u>	<u>3314</u>	<u>1100</u>	<u>" "</u>		
<u>7"</u>	<u>7626</u>	<u>850</u>	<u>" "</u>		

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 7750 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 17, 19 59 Put to producing McKee 6-13-59, 19 _____
The production for the first 24 hours was McKee 76 barrels of fluid of which Ellenburger 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. McKee 43.1
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 Ellenburger 41.0
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

S. E. Rushin, Driller of R. S. Wiggins Drig. Co.
A. T. Coleman, Driller
Dora Bates, Driller

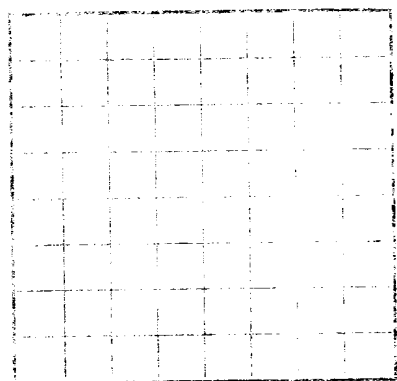
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>328</u>	<u>328</u>	<u>Surface & red rock</u>
<u>328</u>	<u>473</u>	<u>145</u>	<u>shale & red bed</u>
<u>473</u>	<u>545</u>	<u>72</u>	<u>Red bed</u>
<u>549</u>	<u>953</u>	<u>404</u>	<u>Shale & anhy.</u>
<u>953</u>	<u>1443</u>	<u>490</u>	<u>Anhy.</u>
<u>1443</u>	<u>1722</u>	<u>279</u>	<u>Anhy. & salt</u>
<u>1722</u>	<u>2355</u>	<u>633</u>	<u>Anhy.</u>
<u>2355</u>	<u>2481</u>	<u>126</u>	<u>Anhy. & lime</u>
<u>2481</u>	<u>2568</u>	<u>87</u>	<u>Anhy.</u>
<u>2568</u>	<u>2805</u>	<u>237</u>	<u>Anhy. & lime</u>
<u>2805</u>	<u>2945</u>	<u>140</u>	<u>Anhy.</u>
<u>2945</u>	<u>3048</u>	<u>103</u>	<u>Anhy. & lime</u>
<u>3048</u>	<u>3141</u>	<u>93</u>	<u>Anhy.</u>
<u>3141</u>	<u>3476</u>	<u>335</u>	<u>Lime</u>
<u>3476</u>	<u>3771</u>	<u>295</u>	<u>Lime & sand</u>
<u>3771</u>	<u>5236</u>	<u>1465</u>	<u>Lime</u>
<u>5236</u>	<u>5300</u>	<u>64</u>	<u>Lime & sand</u>
<u>5300</u>	<u>6901</u>	<u>1601</u>	<u>Lime</u>
<u>6901</u>	<u>6972</u>	<u>71</u>	<u>Lime & shale</u>
<u>6972</u>	<u>7002</u>	<u>30</u>	<u>Lime</u>
<u>7002</u>	<u>7059</u>	<u>57</u>	<u>Lime & shale</u>
<u>7059</u>	<u>7202</u>	<u>143</u>	<u>Lime & sand</u>
<u>7202</u>	<u>7260</u>	<u>58</u>	<u>Shale & lime</u>
<u>7260</u>	<u>7275</u>	<u>15</u>	<u>Lime</u>
<u>7275</u>	<u>7371</u>	<u>96</u>	<u>Shale & lime</u>
<u>7371</u>	<u>7553</u>	<u>182</u>	<u>Lime & shale</u>
<u>7553</u>	<u>7750</u>	<u>197</u>	<u>Lime</u>

(OVER)

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company _____
Person or Trust _____
Well No. _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from the available records.
Signed _____
Date _____
The summary on this page is for the portion of the well as above data.
Commenced drilling _____
Finished drilling _____
Old gas sands or zones _____
New gas sands or zones _____
Old water sands _____
New water sands _____
Landing record _____

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 the 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 abandoned, give date, position, and number of stops. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD		TOOL LOGS		Casing and Cementing Record	
FORMATION	DEPTH	TOOL LOGS	TOOL LOGS	Casing and Cementing Record	Casing and Cementing Record
1000	750	1000	750	1000	750
900	650	900	650	900	650
800	550	800	550	800	550
700	450	700	450	700	450
600	350	600	350	600	350
500	250	500	250	500	250
400	150	400	150	400	150
300	50	300	50	300	50
200	0	200	0	200	0
100	0	100	0	100	0
0	0	0	0	0	0

FORMATION RECORD—Continued

DRILL STEM DATA
A. R. COATES "C" WELL NO. 20

JUL 23 1951
U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

- DST #1 5279-5407 - Blinbry. 5/8" btm. & 1" top cks. Tool opened w/ good blow. GTS in 12 mins. Gas vol., TSEM and decreased in 30 mins. Tool open 3 hrs. Recovered 280' of slightly O&GCDM above SI tool and 90' HO&GCDM below SI tool. Temp. 125° F. 30 min. ISIP 1500#, IFP 260#, FFP 230#, 30 min. FSIP 900#, HI 2520#.
- DST #2 5960-6070". Tool open 3 hrs. Medium blow decreasing to end of test. No fluid or gas to surface. Rec. 190' very sli O&GCDM below circulation sub. No water or free oil. 30 min. ISIP 2340#, IFP 120#, FFP 220#, 30 min. FSIP 2000#, HI&O 2720#, temp. 140° F.
- DST #3 6940-7260 - Molee. Tool open 2 hrs. MTS in 12 min. Slight gas cut oil to surface in 1 hr. Flowed to tanks for 1 hr. through 1/2" surface choke. 1st 30 mins. 18.19 BO & 2nd 30 min. 2.06 BO, T.P. 875#, GOR 24,879 cu. ft. per bbl. Gravity of oil 48.9° connected. Reversed out 6900' O&G. Recovered 150' O&G, and 30' DM below circ. sub. 30 min. ISIP 2820#, IFP 1440#, FFP 1900#, HI&O 3385#, temp. 165° F.