

LOCATE WELL CORRECTLY

HOBBS OFFICE OCC

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029406 (b)
LEASE OR PERMIT TO PROSPECT Lea.

1962 MAY 25 UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427
Lessor or Tract Grace Mitchell "B" Field Maljamar State New Mexico
Well No. 5 Sec. 5 T. 17 R. 32 Meridian NMPN County Lea
Location 1980 ft. SW of N Line and 660 ft. SW of E Line of 5-17-32 Elevation 4131
(Derriek 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 [Signature]Date 5-24-62Title District Superintendent

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

Commenced drilling 4-16, 19 62 Finished drilling 4-21, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3830 to 4132 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—	
<u>7 5/8</u>	<u>24</u>	<u>ST&C</u>	<u>H-40</u>	<u>1007</u>	<u>Guide</u>				<u>Surface Production</u>
<u>4 1/2</u>	<u>9.5</u>	<u>ST&C</u>	<u>H-40</u>	<u>3880</u>	<u>Full Flow</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7 5/8</u>	<u>1007</u>	<u>475</u>	<u>Pump & Plug</u>		
<u>4 1/2</u>	<u>3880</u>	<u>200</u>	<u>Pump & Plug</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 4132 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 16, 19 62

The production for the first 24 hours was 60 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 78

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. B. Henderson *, Driller C. L. Gray *, Driller
R. W. Shields *, Driller Lee Ray Boss *, Driller

FORMATION RECORD

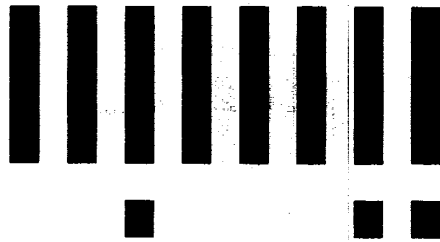
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>960</u>	<u>960</u>	<u>Red beds</u>
<u>960</u>	<u>1074</u>	<u>114</u>	<u>Anhyd.</u>
<u>1074</u>	<u>2106</u>	<u>1032</u>	<u>Salt</u>
<u>2106</u>	<u>2268</u>	<u>162</u>	<u>Anhy. & sh.</u>
<u>2268</u>	<u>2602</u>	<u>334</u>	<u>Anh., sh. & sd.</u>
<u>2602</u>	<u>3217</u>	<u>615</u>	<u>Anh., sh., sd., & dolo.</u>
<u>3217</u>	<u>3673</u>	<u>456</u>	<u>Sd. & anhyd. sm dolo</u>
<u>3673</u>	<u>3927</u>	<u>254</u>	<u>Dolo & anhyd., sm sd.</u>
<u>3927</u>	<u>3959</u>	<u>32</u>	<u>Sd. & shale</u>
<u>3959</u>	<u>4080</u>	<u>121</u>	<u>Dolo</u>
<u>4080</u>	<u>4132</u>	<u>52</u>	<u>Sd.</u>

{OVER}

16-43094-4

[illegible]

Notched open hole 4065, and 3955. Perforated open hole 3899, and 3931. Treated not and partly. w/50,000 Balm. Inc. crude, 49,500 lbs. sand and 2350 lbs. Admante



LTR



Job separation sheet

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)

5-23-62
(Date)

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

Continental Oil Company
(Company or Operator)

Grace Mitchell
(Lease)

Well No. 5, in SE 1/4, NE 1/4,

Unit Letter H, Sec. 5, T. 17, R. 32, NMPM, Pool

Lea

County. Date Spudded 4-16-62

Date Drilling Completed 4-21-62

Please indicate location:

Elevation 4131

Total Depth 4132

PBTD -

Top Oil/Gas Pay 3880

Name of Prod. Form. Grayburg-San Andres

PRODUCING INTERVAL -

Perforations

Open Hole 3880-4132

Depth

Casing Shoe 3880

Depth

Tubing 3837

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

load oil used): 60 bbls. oil, 0 bbls water in 24 hrs, min. Choke Size 20/64

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): 50,000 gal crude, 49,500 lbs sand, 2350 lbs Adomite

Casing Tubing Date first new

Press. 300 Press. 50 oil run to tanks 5-16-62

Oil Transporter Continental Pipeline Company - Artesia, New Mexico

Gas Transporter None - Vented

Remarks:

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

Approved, 19.

Continental Oil Company
(Company or Operator)

By:

(Signature)

Title District Superintendent

Send Communications regarding well to:

Name Continental Oil Company

Address Box 427 - Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By:

Title

NMOCC (4) WAM File